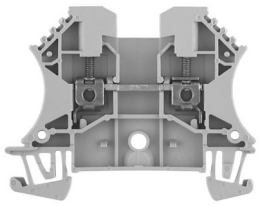
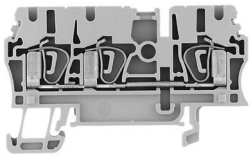
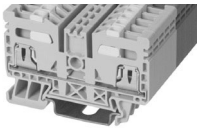
Screw Connection Terminal Blocks



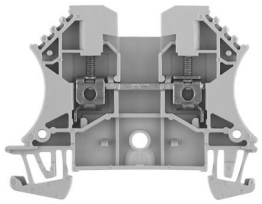
Spring-Clamp Connection Terminal Blocks



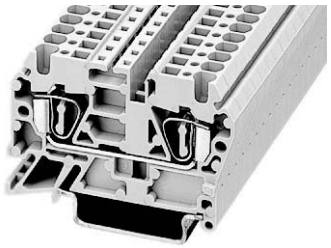
IDC Terminal Blocks



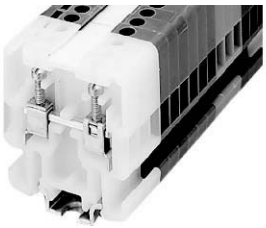
IEC Terminal Blocks

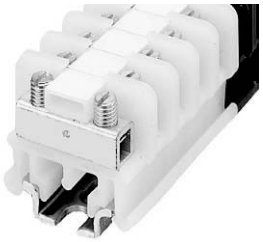


QuickClamp™ Terminal Blocks



Finger-Safe Terminal Blocks

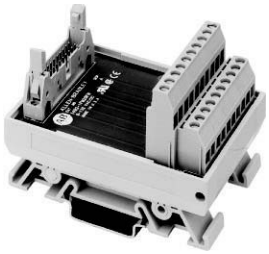




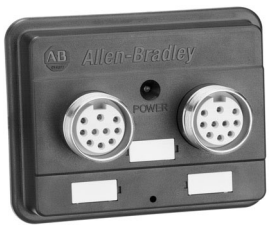
NEMA/EEMAC Terminal Blocks

Panel Mount Blocks

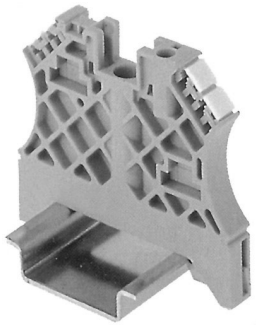
Power Blocks



Programmable Controller Wiring Systems



PanelConnect™ Modules for Input/Output Connections



IEC Accessories and Technical Specifications

NEMA Accessories and Technical Specifications

Allen-Bradley screw terminal blocks generally have been designed to meet the requirements of one or more regulatory bodies. Most products have also been tested per additional standards. The following is a listing of some of the regulatory bodies and standards which apply to Allen-Bradley screw terminal block products. See the particular product description for information on specific approvals and ratings.

(Underwriters Laboratories) — Devices in this catalog with one of these ratings have been tested by Underwriters Laboratories and meet the requirements of one or more of the following United States Standards:

- UL 467 — Grounding and Bonding Equipment
- UL 486E — Equipment Wiring Terminals for Use with Aluminum and/or Copper Conductors
- UL 1059 — Standard for Terminal Blocks

Reference UL files E34648, E40735, E65138, E113724, E160646

(Underwriters Laboratories) — Devices in this catalog with this rating have been tested by Underwriters Laboratories and meet the requirements of one or more of the following Canadian Standards:

- CSA 22.2 No. 158 — Terminal Blocks

Reference UL file E40735

(Canadian Standards Association) — Devices in this catalog with this rating have been tested by the Canadian Standards Association and meet the requirements of one or more of the following Canadian Standards:

- CSA 22.2 No. 158 — Terminal Blocks

Reference CSA files LR14074, LR67896, and 220124

Terminal blocks listed in this catalog meet the requirements of the Low Voltage Directive put forth by the European Union. Devices have been tested and comply with one or more of the following European Norms:

- EN 60947-1 — Low Voltage Switchgear and Controlgear: General Rules
- EN 60947-7-1 — Low Voltage Switchgear and Controlgear: Terminal Blocks for Copper Conductors
- EN 60947-7-2 — Low Voltage Switchgear and Controlgear: Protective Conductor Terminal Blocks for Copper Conductors
- EN 60947-7-3 — Low Voltage Switchgear and Controlgear: Safety Requirements for Fuse Terminal Blocks

EEx e II — Devices listed in this catalog with "EEx e II" ratings meet the following European Norms per DEMKO or KEMA, Approval Certification Bodies for the European Union:

- EN 50014 — Electrical Apparatus for Potentially Explosive Atmospheres — General Requirements
- EN 50019 — Electrical Apparatus for Potentially Explosive Atmospheres — Increased Safety "e"

Contact your local Allen-Bradley distributor for a copy of the certificate.

Ex e II — Many 1492-J, 1492-K, 1492-L, and 1492-W terminal blocks in this catalog meet the following Canadian Standards per Underwriters Laboratories:

- E79-0-95 — Electrical Apparatus for Explosive Atmospheres — Part 0 — General Requirements
- E79-7-95 — Electrical Apparatus for Explosive Atmospheres — Part 7 — Increased Safety "e"

These products are suitable for Class I, Zone 1 Hazardous Locations. Reference UL file E187022. Contact your local Allen-Bradley distributor for more information.

AEx e II — Devices listed in this catalog with an "AEx e II" rating meet the following United States Standard per Underwriters Laboratories:

- UL 2279 — Standard for Electrical Equipment for Use in Class I, Zone 0, 1, and 2 Hazardous (Classified) Locations

These products are suitable for Class I, Zone 1 Hazardous Locations. Reference UL file E187022. Contact your local Allen-Bradley distributor for more information.

Lloyd's Register — Many 1492-H, 1492-J, 1492-L, and 1492-W terminal blocks in this catalog have been approved for use in marine, off-shore, and industrial installations per the following standard:

- Lloyd's Register Test Specification No. 1:1996

Contact your local Allen-Bradley distributor for a copy of the certificate.

Materials and Design Features (1492-J and 1492-W)

The 1492 Screw Terminal Block line is designed for safety, installation ease, and ruggedness. Features using these design criteria include:

- High copper content alloy for excellent conductivity
- Tin-plated terminals and zinc chromate steel screws for corrosion resistance (1492-W terminal blocks have nickel-plated terminals and stainless steel screws)
- Four-sided wire funnel guides for easy insertion
- Finger-safe housings to prevent accidental contact with live circuits
- International approvals for worldwide use
- DIN Rail (cat. no. 199-DR1) mountability allowing terminal blocks to be placed onthe same channel as contactors, starters, relays, and other DIN Rail-mounted control devices
- Self-extinguishing, polyamide 6.6 housing with UL 94 V0 flammability rating (1492-W terminal blocks have UL 94 V2 flammability rating)
- Backed out screws for fast wiring
- CE mark for use in the European Union

The Allen-Bradley Line of IEC Terminal Blocks...
International Products for a Worldwide Marketplace

Allen-Bradley's Bulletin 1492-J line of internationally approved IEC style terminal blocks offers a wide range of features and benefits ideally suited for many industrial applications. The 1492-J line has been designed to meet the tough requirements of almost every industrial application. Functional, internationally approved, finger-safe, and cost-effective — the Allen-Bradley 1492-J line.

Products Available in the 1492 Screw Terminal Block Line

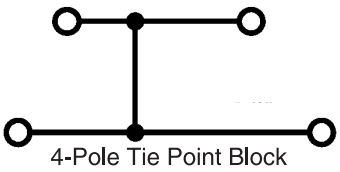
Our family of IEC terminal blocks consists of many different types of blocks, from general feed-through terminal blocks for control wiring to specialty blocks for grounding and isolating. We even offer thermocouple terminal blocks, specifically designed for temperature-dependent process control applications.

Products offered within the 1492 Screw Terminal Block line include:

- **Feed-Through Blocks**, capable of accommodating #30…2/0 AWG (0.2…70 mm^2) wire
- **Grounding Blocks** for grounding a given circuit to the DIN Rail
- **Mini Blocks** for applications where panel space is at a premium
- **Two-Level Blocks** that double circuit wiring density
- **Multi-Conductor Blocks** that allow splitting or joining of control circuits
- **Three-Level Sensor Blocks** for coordination of three-wire sensor groups
- **Isolation Blocks** for circuit isolation during testing and troubleshooting
- **Fuse Blocks**, with and without blown fuse indication, for easily integrated overcurrent protection
- **Electrical Component Blocks** that allow the insertion of fixed components into control circuits. Available components include resistors, diodes, surge suppression circuits, and shunt bars.

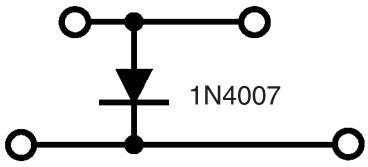
Tie-Point Block (Cat. No. 1492-JD3C)

Incorporates a shunt bar between the upper and lower current bars to provide a common point among all four terminals.

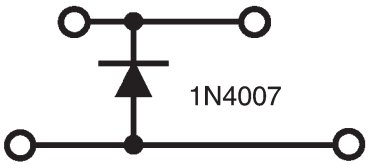


Diode Block (Cat. Nos. 1492-JD3DF, 1492-JD3DR)

Uses a 1N4007 diode between the upper and lower levels for insertion into a control circuit. This block is useful in low voltage DC control circuits for directioning and suppression.



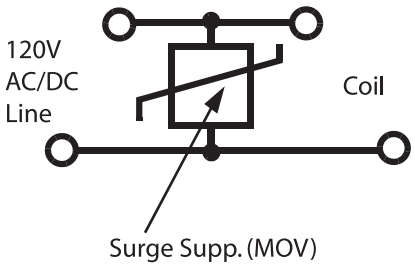
Cat. No. 1492-JD3DF



Cat. No. 1492-JD3DR

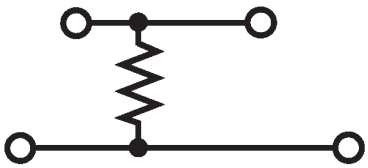
Surge Suppression Block (Cat. Nos. 1492-JD3SS)

Provides a convenient means of incorporating transient suppression for relays, contactors, and solenoids into a control system.

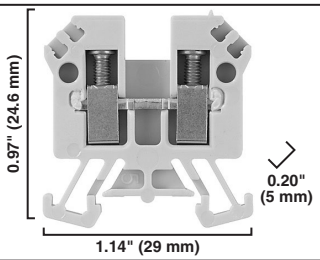
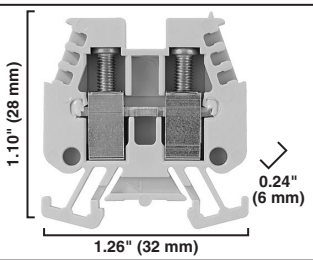
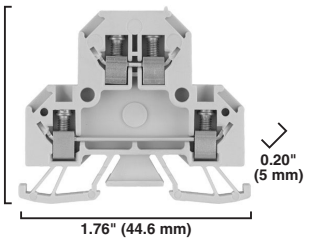


Resistor Block (Cat. No. 1492-JD3RB..., JD3RC001)

Permits the introduction of a 10 Ω…4.75 MΩ resistor into a control circuit.



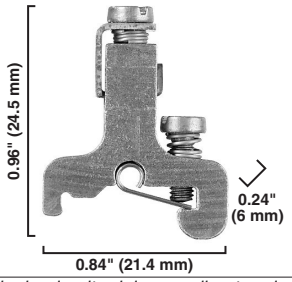
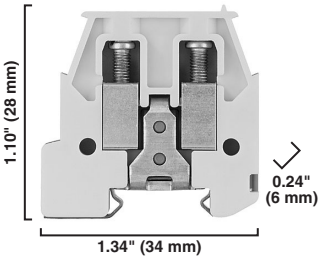
- **Return Blocks** that have both terminations on the same side of the terminal block allowing the rail to be mounted next to the wall of an enclosure
- **Plug-In Style Blocks** that allow the insertion of removable plugs into control circuits. Available plugs include a Disconnect Plug, a Fuse Plug, and a Component Plug which will accommodate various electrical components
- **Thermocouple Terminal Blocks** (Types B, E, J, K, N, S, T) for temperature control applications
- A wide variety of **Snap-In Markers** for individual or group circuit identification
- Multi-pole insulated **Center Jumpers** which provide a convenient method of commoning control circuits

	1492-WM3				1492-WM4				1492-WMD1		
Dimensions are not intended to be used for manufacturing purposes. **Note:** Height dimension is measured from top of rail to top of terminal block.											
Specifications	*Single-circuit mini-terminal block.*				*Single-circuit mini-terminal block.*				*Two-circuit mini-terminal block.*		
Certifications	cULus	EEx e II	CSA	IEC	cULus	EEx e II	CSA	IEC	cULus	CSA	IEC
Voltage Rating	300V AC/DC	420V AC/DC	300V AC/DC	500V AC/DC	300V AC/DC	420V AC/DC	300V AC/DC	500V AC/DC	300V AC/DC	300V AC/DC	500V AC/DC
Maximum Current	15 A	24 A	15 A	24 A	20 A	32 A	20 A	32 A	15 A	15 A	17.5 A
Wire Range (Rated Cross Section)	#30…#14 AWG	2.5 mm²	#22…#14 AWG	0.5…2.5 mm²	#22…#12 AWG	4.0 mm²	#22…#12 AWG	0.5…4.0 mm²	#22…#16 AWG	#22…#16 AWG	0.5…1.5 mm²
Wire Strip Length	0.24 in (6 mm)				0.39 in (10 mm)				0.35 in (9 mm)		
Recommended Tightening Torque	4.2…4.6 lb•in (0.5 Nm)				5.0…5.6 lb•in (0.6 Nm)				4.2…4.6 lb•in (0.5 Nm)		
Density	61 pcs/ft (200/m)				50 pcs/ft (166/m)				61 pcs/ft (200/m)		
Housing Temperature Range	–40…+195 °F (–40…+90 °C)				–40…+195 °F (–40…+90 °C)				–40…+195 °F (–40…+90 °C)		
Terminal Blocks	**Cat. No.**			**Pcs/ Pkg**	**Cat. No.**			**Pcs/ Pkg**	**Cat. No.**		**Pcs/ Pkg**
Color: Gray	1492-WM3			50	1492-WM4			50	1492-WMD1		50
Red	1492-WM3-RE			50	1492-WM4-RE			50	1492-WMD1-RE		50
Blue	1492-WM3-B			50	1492-WM4-B			50	1492-WMD1-B		50
Black	1492-WM3-BL			50	1492-WM4-BL			50	1492-WMD1-BL		50
Green	1492-WM3-G			50	1492-WM4-G			50	1492-WMD1-G		50
Yellow	1492-WM3-Y			50	1492-WM4-Y			50	1492-WMD1-Y		50
Orange	1492-WM3-OR			50	1492-WM4-OR			50	1492-WMD1-OR		50
Brown	1492-WM3-BR			50	1492-WM4-BR			50	1492-WMD1-BR		50
White	1492-WM3-W			50	1492-WM4-W			50	1492-WMD1-W		50
Accessories	**Cat. No.**			**Pcs/ Pkg**	**Cat. No.**			**Pcs/ Pkg**	**Cat. No.**		**Pcs/ Pkg**
Mounting Rails: 1 m Sym. Mini DIN (Steel)	1492-DR3			5	1492-DR3			5	1492-DR3		5
End Barrier	1492-EBM3			50	1492-EBM4			50	1492-EBMD1		50
End Anchors and Retainers: Mini Screwless End Retainer	1492-ERL15			20	1492-ERL15			20	1492-ERL15		20
Mini DIN Anchor — Normal Duty	1492-EAJ15			50	1492-EAJ15			50	1492-EAJ15		50
Jumpers: Insulated Side Jumper	1492-SJM5-10 (10-pole)			10	1492-N42 (2-pole) 1492-SJ6-10 (10-pole)			50 10	—		—
Side Jumper — 12-pole insulated	—			—	—			—	1492-SJMD5-12		10
Center Jumper — 50-pole	—			—	1492-CJD6-50			5	—		—
Center Jumper — 10-pole	1492-CJM5-10			10	1492-CJD6-10			10	—		—
Center Jumper — 5-pole	—			—	1492-CJD6-5			10	—		—
Center Jumper — 4-pole	—			—	1492-CJD6-4			10	—		—
Center Jumper — 3-pole	1492-CJM5-3			10	1492-CJD6-3			10	—		—
Center Jumper — 2-pole	1492-CJM5-2			10	1492-CJD6-2			10	—		—
Center Jumper Link	1492-CJL5			10	1492-CJL6			10	—		—
Other Accessories: Partition Plate	1492-PPM3			50	1492-PPM3			50	1492-PPMD1		50
Test Plug	—			—	1492-TP28			10	—		—
Test Plug Adapter	1492-TA285			10	1492-TA40			10	—		—
Electrical Warning Plate (4-pole)	—			—	1492-EWP6-4			10	—		—
Marking Systems: Snap-in Marker Card	1492-MS5X5 (80/card)			5	1492-MS6X9 (80/card)			5	1492-MS5X5 (80/card)		5
Individual Marker Tab (single character)	1492-MP5∗ (100/card)			5	1492-MP∗ (10/stick)			10	1492-MP5∗ (100/card)		5

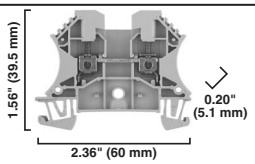
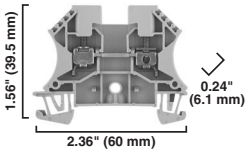
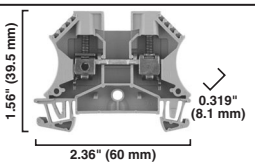
∗ Cat. no. is incomplete. See pages 12-152 and 12-153.

Screw Connection Terminal Blocks

Mini Blocks, Continued

	1492-WMG3		1492-WMG4		
Dimensions are not intended to be used for manufacturing purposes. **Note:** Height dimension is measured from top of rail to top of terminal block.					
Specifications	*Single-circuit mini-grounding terminal block.*		*Single-circuit mini-grounding terminal block.*		
Certifications	**IEC**		c UL us	c UL us	**IEC**
Voltage Rating	—		—	—	—
Maximum Current	Grounding		Grounding		
Wire Range (Rated Cross Section)	#14 AWG (2.5 mm²)		#22… #12 AWG	#22… #12 AWG	0.5… 4.0 mm²
Wire Strip Length	0.31 in (8 mm)		0.39 in (10 mm)		
Recommended Tightening Torque	6.2 lb•in (0.7 Nm)		5.3 lb•in (0.6 Nm)		
Density	50 pcs/ft (166/m)		50 pcs/ft (166/m)		
Housing Temperature Range	—		–40…+195 °F (–40…+90 °C)		
Terminal Blocks	**Cat. No.**	**Pcs/ Pkg**	**Cat. No.**		**Pcs/ Pkg**
Color: Metallic	1492-WMG3	50	—		—
Color: Green/Yellow	—	—	1492-WMG4		10
Accessories	**Cat. No.**	**Pcs/ Pkg**	**Cat. No.**		**Pcs/ Pkg**
Mounting Rails: 1 m Sym. Mini DIN (Steel)	1492-DR3	5	1492-DR3		5
End Anchors and Retainers: Mini Screwless End Retainer	—	—	1492-ERL15		20
Mini DIN Anchor — Normal Duty	—	—	1492-EAJ15		50
Other Accessories: Partition Plate	1492-PPM3	50	1492-PPM3		50
Marking Systems: Snap-in Marker Card	—	—	1492-MS6X9 (80/card)		5
Individual Marker Tab (single character)	—	—	1492-MP∗ (10/stick)		10

∗ Cat. no. is incomplete. See pages 12-152 and 12-153.

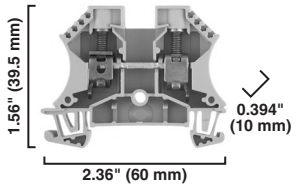
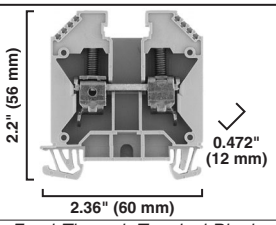
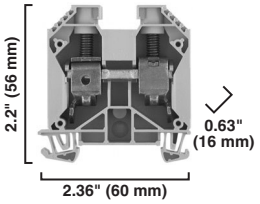
	1492-J3				1492-J4				1492-J6			
Dimensions are not intended to be used for manufacturing purposes. **Note:** Height dimension is measured from top of rail to top of terminal block.												
Specifications	*Feed-Through Terminal Block*				*Feed-Through Terminal Block*				*Feed-Through Terminal Block*			
Certifications	cULus	CSA	IEC	EEx e II	cULus	CSA	IEC	EEx e II	cULus	CSA	IEC	EEx e II
Voltage Rating	600V AC/DC		800V AC/DC	550V AC/DC	600V AC/DC		800V AC/DC	750V AC/DC	600V AC/DC		800V AC/DC	550V AC/DC
Maximum Current	25 A	20 A	24 A	21 A	35 A		32 A	28 A	50 A		41 A	36 A
Wire Range (Rated Cross Section)	30… 12 AWG	26… 12 AWG	2.5 mm²	2.5 mm² (20… 14 AWG)	22… 10 AWG		4 mm²	4 mm² (20… 12 AWG)	20… 8 AWG		6 mm²	6 mm² (20… 10 AWG)
Wire Strip Length	0.39 in (10 mm)				0.39 in (10 mm)				0.47 in (12 mm)			
Recommended Tightening Torque	3.7…7.1 lb•in (0.4…0.8 Nm)				4.4…8.8 lb•in (0.5…1.0 Nm)				7.1…12.4 lb•in (0.8…1.4 Nm)			
Density (Blocks per ft/meter)	59 per ft/196 per meter				49 per ft/163 per meter				37 per ft/123 per meter			
Housing Temperature Range	–58…+248 °F (–50…+120 °C)				–58…+248 °F (–50…+120 °C)				–58…+248 °F (–50…+120 °C)			

Terminal Blocks		**Cat. No.**	**Pcs/ Pkg**	**Cat. No.**	**Pcs/ Pkg**	**Cat. No.**	**Pcs/ Pkg**
Color:	Gray	1492-J3	100	1492-J4	100	1492-J6	100
	Red	1492-J3-RE	100	1492-J4-RE	100	1492-J6-RE	100
	Blue	1492-J3-B	100	1492-J4-B	100	1492-J6-B	100
	Black	1492-J3-BL	100	1492-J4-BL	100	1492-J6-BL	100
	Green	1492-J3-G	100	1492-J4-G	100	1492-J6-G	100
	Yellow	1492-J3-Y	100	1492-J4-Y	100	1492-J6-Y	100
	Orange	1492-J3-OR	100	1492-J4-OR	100	1492-J6-OR	100
	Brown	1492-J3-BR	100	1492-J4-BR	100	1492-J6-BR	100
	White	1492-J3-W	100	1492-J4-W	100	1492-J6-W	100
Accessories		**Cat. No.**	**Pcs/ Pkg**	**Cat. No.**	**Pcs/ Pkg**	**Cat. No.**	**Pcs/ Pkg**
Mounting Rails: 1 m Symmetrical DIN (Steel)		199-DR1	10	199-DR1	10	199-DR1	10
1 m Symmetrical DIN (Aluminum)		1492-DR5	10	1492-DR5	10	1492-DR5	10
1 m Hi-Rise Sym. DIN (Aluminum)		1492-DR6	2	1492-DR6	2	1492-DR6	2
1 m Angled Hi-Rise Sym. DIN (Steel)		1492-DR7	2	1492-DR7	2	1492-DR7	2
End Barriers	Gray	1492-EBJ3	50	1492-EBJ3	50	1492-EBJ3	50
	Blue	1492-EBJ3-B	50	1492-EBJ3-B	50	1492-EBJ3-B	50
	Yellow	1492-EBJ3-Y	50	1492-EBJ3-Y	50	1492-EBJ3-Y	50
End Anchors and Retainers: Screwless End Retainer		1492-ERL35	20	1492-ERL35	20	1492-ERL35	20
DIN Rail — Normal Duty		1492-EAJ35	100	1492-EAJ35	100	1492-EAJ35	100
DIN Rail — Heavy Duty		1492-EAHJ35	50	1492-EAHJ35	50	1492-EAHJ35	50
Jumpers:* Screw Center Jumper — 10 pole		1492-CJJ5-10	20	1492-CJJ6-10	20	1492-CJJ8-10	20
Screw Center Jumper — 4 pole		1492-CJJ5-4	50	1492-CJJ6-4	50	1492-CJJ8-4	50
Screw Center Jumper — 3 pole		1492-CJJ5-3	50	1492-CJJ6-3	50	1492-CJJ8-3	50
Screw Center Jumper — 2 pole		1492-CJJ5-2	50	1492-CJJ6-2	50	1492-CJJ8-2	50
Plug-in Center Jumper — 50 Pole		1492-CJLJ5-50	10	1492-CJLJ6-41 (41-pole)	10	—	—
Plug-in Center Jumper — 10 Pole		1492-CJLJ5-10	20	1492-CJLJ6-10	20	—	—
Plug-in Center Jumper — 9 Pole		1492-CJLJ5-9	20	—	—	—	—
Plug-in Center Jumper — 8 Pole		1492-CJLJ5-8	20	—	—	—	—
Plug-in Center Jumper — 7 Pole		1492-CJLJ5-7	20	—	—	—	—
Plug-in Center Jumper — 6 Pole		1492-CJLJ5-6	20	—	—	—	—
Plug-in Center Jumper — 5 Pole		1492-CJLJ5-5	20	—	—	—	—
Plug-in Center Jumper — 4 Pole		1492-CJLJ5-4	60	1492-CJLJ6-4	60	—	—
Plug-in Center Jumper — 3 Pole		1492-CJLJ5-3	60	1492-CJLJ6-3	60	—	—
Plug-in Center Jumper — 2 Pole		1492-CJLJ5-2	60	1492-CJLJ6-2	60	—	—
Insulated Side Jumper — 24 Pole		1492-SJ5B-24	50	—	—	—	—
Insulated Side Jumper — 10 Pole		1492-SJ5B-10	50	—	—	—	—
Screw Type Jumper Notching Tool		1492-T1	1	1492-T1	1	1492-T1	1
Other Accessories: Partition Plate		1492-EBJ16	20	1492-EBJ16	20	1492-EBJ16	20
Test Plug Socket		1492-TPS23	20	1492-TPS23L	50	1492-TPS23L	50
Test Plug		1492-TP23	20	1492-TP23	20	1492-TP23	20
Test Plug (Stackable)		1492-TPJ5	25	1492-TPJ6	25	—	—
Electrical Warning Plate		1492-EWPJ5	25	1492-EWPJ5	25	1492-EWPJ8	50
Group Marking Carrier		1492-GM35	25	1492-GM35	25	1492-GM35	25
Marking Systems: Snap-in Marker Cards		1492-M5X12 (144/card) 1492-M5X5 (200/card)	5 5	1492-M6X12 (120/card) 1492-M6X5 (200/card)	5 5	1492-M7X12 (108/card) 1492-M8X5 (160/card)	5 5

* Use of Center Jumpers may affect spacings, requiring derating of terminal blocks. See page 12-148 for details.

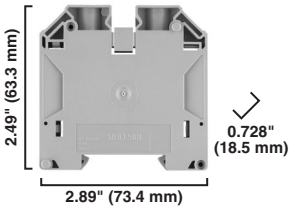
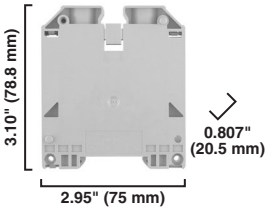
Screw Connection Terminal Blocks

Standard Feed-Through Blocks, Continued

	1492-J10			1492-J16			1492-J35		
Dimensions are not intended to be used for manufacturing purposes. **Note:** Height dimension is measured from top of rail to top of terminal block.									
Specifications	*Feed-Through Terminal Block*			*Feed-Through Terminal Block*			*Feed-Through Terminal Block*		
Certifications	cULus	CSA	IEC	cULus	CSA	IEC	cULus	CSA	IEC
Voltage Rating	600V AC/DC		1000V AC/DC	600V AC/DC		1000V AC/DC	600V AC/DC		1000V AC/DC
Maximum Current	65 A		57 A	85 A		76 A	115 A		125 A
Wire Range (Rated Cross Section)	16… 6 AWG		10 mm²	14… 6 AWG		16 mm²	12… 2 AWG		35 mm²
Wire Strip Length	0.47 in (12 mm)			0.63 in (16 mm)			0.70 in (18 mm)		
Recommended Tightening Torque	10.6…21.2 lb•in (1.2…2.4 Nm)			17.7…35.4 lb•in (2.0…4.0 Nm)			22.1…44.3 lb•in (2.5…5.0 Nm)		
Density (Blocks per ft/meter)	30 per ft/100 per meter			25 per ft/83 per meter			19 per ft/62 per meter		
Housing Temperature Range	–58…+248 °F (–50…+120 °C)			–58…+248 °F (–50…+120 °C)			–58…+248 °F (–50…+120 °C)		

Terminal Blocks	**Cat. No.**	**Pcs/ Pkg**	**Cat. No.**	**Pcs/ Pkg**	**Cat. No.**	**Pcs/ Pkg**
Color: Gray	1492-J10	50	1492-J16	50	1492-J35	40
Red	1492-J10-RE	50	1492-J16-RE	50	—	—
Blue	1492-J10-B	50	1492-J16-B	50	1492-J35-B	40
Black	1492-J10-BL	50	1492-J16-BL	50	—	—
Green	1492-J10-G	50	1492-J16-G	50	—	—
Yellow	1492-J10-Y	50	1492-J16-Y	50	1492-J35-Y	40
Orange	1492-J10-OR	50	1492-J16-OR	50	—	—
Brown	1492-J10-BR	50	1492-J16-BR	50	—	—
White	1492-J10-W	50	1492-J16-W	50	—	—

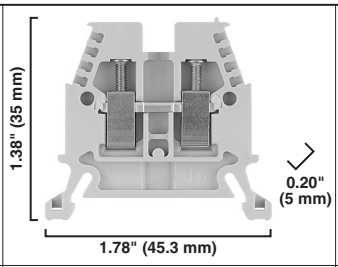
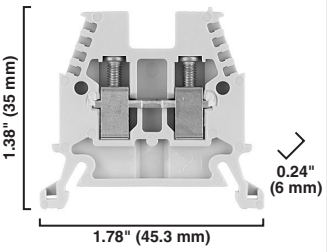
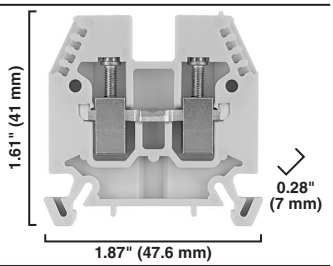
Accessories	**Cat. No.**	**Pcs/ Pkg**	**Cat. No.**	**Pcs/ Pkg**	**Cat. No.**	**Pcs/ Pkg**
Mounting Rails: 1 m Symmetrical DIN (Steel)	199-DR1	10	199-DR1	10	199-DR1	10
1 m Symmetrical Heavy Duty DIN (Steel, unslotted)	199-DR4	5	199-DR4	5	199-DR4	5
1 m Symmetrical DIN (Aluminum)	1492-DR5	10	1492-DR5	10	1492-DR5	10
1 m Hi-Rise Sym. DIN (Aluminum)	1492-DR6	2	1492-DR6	2	1492-DR6	2
1 m Angled Hi-Rise Sym. DIN (Steel)	1492-DR7	2	1492-DR7	2	1492-DR7	2
1 m Symmetrical Heavy Duty DIN (Copper, unslotted)	1492-DR8	5	1492-DR8	5	1492-DR8	5
1 m Symmetrical Heavy Duty DIN (Steel)	1492-DR9	5	1492-DR9	5	1492-DR9	5
End Barriers Gray	1492-EBJ3	50	1492-EBJ16	20	1492-EBJ16	20
Blue	1492-EBJ3-B	50	1492-EBJ16-B	20	1492-EBJ16-B	20
Yellow	1492-EBJ3-Y	50	1492-EBJ16-Y	20	1492-EBJ16-Y	20
End Anchors and Retainers: Screwless End Retainer	1492-ERL35	20	—	—	—	—
DIN Rail — Normal Duty	1492-EAJ35	100	—	—	—	—
DIN Rail — Heavy Duty	1492-EAHJ35	50	1492-EAHJ35	50	1492-EAHJ35	50
Jumpers: Screw Center Jumper — 10 pole	1492-CJJ10-10	20	1492-CJJ12-10	10	1492-CJJ16-10	10
Screw Center Jumper — 4 pole	1492-CJJ10-4	50	1492-CJJ12-4	20	1492-CJJ16-4	20
Screw Center Jumper — 3 pole	1492-CJJ10-3	50	1492-CJJ12-3	20	1492-CJJ16-3	20
Screw Center Jumper — 2 pole	1492-CJJ10-2	50	1492-CJJ12-2	20	1492-CJJ16-2	20
Screw Type Jumper Notching Tool	1492-T1	1	1492-T1	1	1492-T1	1
Other Accessories: Partition Plate	1492-EBJ16	20	1492-PPJD3	20	1492-PPJD3	20
Test Plug Socket	1492-TPS23L	50	1492-TPS4L	50	1492-TPS4L	50
Test Plug	1492-TP23	20	1492-TP40	20	1492-TP40	20
Electrical Warning Plate	1492-EWPJ8	50	1492-EWPJ12	50	1492-EWPJ12	50
Group Marking Carrier	1492-GM35	25	1492-GM35	25	1492-GM35	25
Marking Systems: Snap-in marker cards	1492-M7X12 (108/card)	5	1492-M7X12 (108/card)	5	1492-M7X12 (108/card)	5
Snap-in marker cards	1492-M5X5 (200/card)	5	1492-M5X5 (200 card)	5	1492-M5X5 (200/card)	5

	1492-J50			1482-J70			
Dimensions are not intended to be used for manufacturing purposes. **Note:** Height dimension is measured from top of rail to top of terminal block.				 **Product to be available May 2004**			
Specifications	*Feed-Through Terminal Block*			*Feed-Through Terminal Block*			
Certifications		**CSA**	**IEC**		**CSA**	**IEC**	**EEx e II**
Voltage Rating	600V AC/DC		1000V AC/DC	600V AC/DC		1000V AC/DC	Cert. pending
Maximum Current	150 A		150 A	175 A		192 A	
Wire Range (Rated Cross Section)	6…1/0 AWG		50 mm²	8…2/0 AWG		70 mm²	
Wire Strip Length	0.94 in (24 mm)			0.87 in (22 mm)			
Recommended Tightening Torque	17.7…53.1 lb•in (2.0…6.0 Nm)			53.1…88.5 lb•in (6.0…10.0 Nm)			
Density (Blocks per ft/meter)	16 per ft/54 per meter			14 per ft/48 per meter			
Housing Temperature Range	–58…+248 °F (–50…+120 °C)			–58…+248 °F (–50…+120 °C)			
Terminal Blocks	**Cat. No.**		**Pcs/ Pkg**	**Cat. No.**			**Pcs/ Pkg**
Color: Gray	1492-J50		10	1492-J70			10
Blue	1492-J50-B		10	1492-J70-B			10
Accessories	**Cat. No.**		**Pcs/ Pkg**	**Cat. No.**			**Pcs/ Pkg**
Mounting Rails: 1 m Symmetrical DIN (Steel)	199-DR1		10	199-DR1			10
1 m Symmetrical Heavy Duty DIN (Steel, Unslotted)	199-DR4		5	199-DR4			5
1 m Symmetrical DIN (Aluminum)	1492-DR5		10	1492-DR5			10
1 m Hi-Rise Sym. DIN (Aluminum)	1492-DR6		2	1492-DR6			2
1 m Angled Hi-Rise Sym. DIN (Steel)	1492-DR7		2	1492-DR7			2
1 m Symmetrical Heavy Duty DIN (Copper, Unslotted)	1492-DR8		5	1492-DR8			5
1 m Symmetrical Heavy Duty DIN (Steel)	1492-DR9		5	1492-DR9			5
End Barriers	Not Required		—	Not Required			—
End Anchors: DIN Rail — Heavy Duty	1492-EAHJ35		50	1492-EAHJ35			50
Jumpers:							
Screw Center Jumper — 4 pole	1492-CJJ18-4		10	1492-CJJ20-4			5
Screw Center Jumper — 3 pole	1492-CJJ18-3		10	1492-CJJ20-3			5
Screw Center Jumper — 2 pole	1492-CJJ18-2		10	1492-CJJ20-2			5
Other Accessories: Control Circuit Tap*	—		—	1492-J70A			10
Electrical Warning Plate	1492-EWPJ18		50	1492-EWPJ18			50
Group Marking Carrier	1492-GM35		25	1492-GM35			25
Marking Systems: Snap-in marker cards	1492-M7X12 (108/card)		5	1492-M7X12 (108/card)			5
Snap-in marker cards	1492-M5X5 (200/card)		5	1492-M5X5 (200/card)			5

* Auxiliary connection to J70 allowing a single additional 4 mm² (12 AWG) wire connection.

Screw Connection Terminal Blocks

Space-Saver Feed-Through Blocks

	1492-W3	1492-W4	1492-W6
Dimensions are not intended to be used for manufacturing purposes. **Note:** Height dimension is measured from top of rail to top of terminal block.			

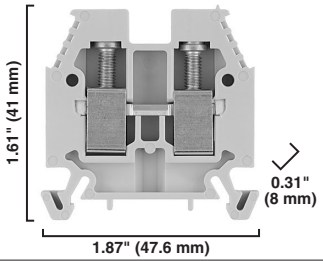
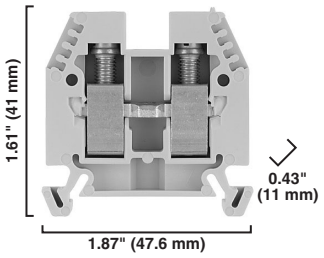
Specifications	*Single-circuit terminal block.*				*Single-circuit terminal block.*				*Single-circuit terminal block.*			
Certifications	cULus	EEx e II	CSA	IEC	cULus	EEx e II	CSA	IEC	cULus	EEx e II	CSA	IEC
Voltage Rating	600V AC/DC	550V AC/DC	600V AC/DC	800V AC/DC	600V AC/DC	550V AC/DC	600V AC/DC	800V AC/DC	600V AC/DC	550V AC/DC	600V AC/DC	800V AC/DC
Maximum Current	20 A	24 A	20 A	24 A	30 A	32 A	30 A	32 A	40 A	41 A	40 A	41 A
Wire Range (Rated Cross Section)	#30…#14 AWG	2.5 mm^2	#22…#14 AWG	0.5…2.5 mm^2	#22…#10 AWG	4.0 mm^2	#22…#10 AWG	0.5…4.0 mm^2	#22…#10 AWG	6.0 mm^2	#22…#10 AWG	0.5…6.0 mm^2
Wire Strip Length	0.39 in (10 mm)				0.35 in (9 mm)				0.47 in (12 mm)			
Recommended Tightening Torque	5.0…5.6 lb•in (0.6 Nm)				5.0…5.6 lb•in (0.6 Nm)				5.6…6.8 lb•in (0.7 Nm)			
Density	61 pcs/ft (200/m)				50 pcs/ft (166/m)				43 pcs/ft (142/m)			
Housing Temperature Range	–40…+195 °F (–40…+90 °C)				–40…+195 °F (–40…+90 °C)				–40…+195 °F (–40…+90 °C)			

Terminal Blocks	**Cat. No.**	**Pcs/ Pkg**	**Cat. No.**	**Pcs/ Pkg**	**Cat. No.**	**Pcs/ Pkg**
Color: Gray	1492-W3	50	1492-W4	50	1492-W6	50
Red	1492-W3-RE	50	1492-W4-RE	50	1492-W6-RE	50
Blue	1492-W3-B	50	1492-W4-B	50	1492-W6-B	50
Black	1492-W3-BL	50	1492-W4-BL	50	1492-W6-BL	50
Green	1492-W3-G	50	1492-W4-G	50	1492-W6-G	50
Yellow	1492-W3-Y	50	1492-W4-Y	50	1492-W6-Y	50
Orange	1492-W3-OR	50	1492-W4-OR	50	1492-W6-OR	50
Brown	1492-W3-BR	50	1492-W4-BR	50	1492-W6-BR	50
White	1492-W3-W	50	1492-W4-W	50	1492-W6-W	50

Accessories	**Cat. No.**	**Pcs/ Pkg**	**Cat. No.**	**Pcs/ Pkg**	**Cat. No.**	**Pcs/ Pkg**
Mounting Rails: 1 m Symmetrical DIN (Steel)	199-DR1	10	199-DR1	10	199-DR1	10
1 m Symmetrical DIN (Aluminum)	1492-DR5	10	1492-DR5	10	1492-DR5	10
1 m Hi-Rise Sym. DIN (Aluminum)	1492-DR6	2	1492-DR6	2	1492-DR6	2
1 m Angled Hi-Rise Sym. DIN (Steel)	1492-DR7	2	1492-DR7	2	1492-DR7	2
End Barrier	1492-EB3	50	1492-EB3	50	1492-EB10	50
End Anchors and Retainers: Screwless End Retainer	1492-ERL35	20	1492-ERL35	20	1492-ERL35	20
DIN Rail — Normal Duty	1492-EAJ35	100	1492-EAJ35	100	1492-EAJ35	100
DIN Rail — Heavy Duty	1492-EAHJ35	50	1492-EAHJ35	50	1492-EAHJ35	50
Jumpers: Insulated Side Jumper	1492-SJ5-10 (10-pole)	10	1492-N42 (2-pole) 1492-SJ6-10 (10-pole)	50 10	—	—
Center Jumper — 50-pole	1492-CJ5-50	5	1492-CJ6-50	5	—	—
Center Jumper — 40-pole	—	—	—	—	1492-CJ7-40	5
Center Jumper — 10-pole	1492-CJ5-10	10	1492-CJ6-10	10	1492-CJ7-10	10
Center Jumper — 5-pole	1492-CJ5-5	10	1492-CJ6-5	10	1492-CJ7-5	10
Center Jumper — 4-pole	1492-CJ5-4	10	1492-CJ6-4	10	1492-CJ7-4	10
Center Jumper — 3-pole	1492-CJ5-3	10	1492-CJ6-3	10	1492-CJ7-3	10
Center Jumper — 2-pole	1492-CJ5-2	10	1492-CJ6-2	10	1492-CJ7-2	10
Center Jumper Link	1492-CJL5	10	1492-CJL6	10	1492-CJL7	10
Center Jumper Cover — White	1492-CJCW5∗	20	1492-CJCW6	20	1492-CJCW6	20
Other Accessories: Partition Plate	1492-PP3	50	1492-PP3	50	1492-PP10	50
Separation Plate	1492-SP3	50	1492-SP3	50	—	—
Test Plug	—	—	1492-TP28	10	1492-TP28	10
Stackable Test Plug (with Legs)	—	—	1492-TP6EWL	10	—	—
Stackable Test Plug (without Legs)	—	—	1492-TP6E	10	—	—
Test Plug Adapter	1492-TA285	10	1492-TA40	10	1492-TA40	10
Electrical Warning Plate (1-pole)	1492-EWP5	10	1492-EWP6	10	1492-EWP7	10
Electrical Warning Plate (4-pole)	1492-EWP5-4	10	1492-EWP6-4	10	1492-EWP7-4	10
Group Marking Carrier	1492-GM35	25	1492-GM35	25	1492-GM35	25
Marking Systems: Snap-in Marker Cards	1492-MS5X12 (80/card)	5	1492-MS6X12 (80/card)	5	1492-MS6X12 (80/card)	5
Individual Marker Tabs (single char.)	1492-MP5† (100/card)	5	1492-MP† (10/stick)	10	1492-MP† (10/stick)	10

∗ May only be used as a marking surface. Cannot be installed over a center jumper.

† Cat. no. is incomplete. See pages 12-152 and 12-153.

	1492-W10				1492-W16S			
Dimensions are not intended to be used for manufacturing purposes. **Note:** Height dimension is measured from top of rail to top of terminal block.								
Specifications	*Single-circuit terminal block.*				*Single-circuit terminal block.*			
Certifications	cULus	EEx e II	CSA	IEC	cULus	EEx e II	CSA	IEC
Voltage Rating	600V AC/DC	550V AC/DC	600V AC/DC	800V AC/DC	600V AC/DC	550V AC/DC	600V AC/DC	800V AC/DC
Maximum Current	50 A	50 A	50 A	57 A	85 A	96 A	85 A	76 A
Wire Range (Rated Cross Section)	#22… #8 AWG	10 mm²	#22… #8 AWG	0.5… 10 mm²	#14… #4 AWG	16 mm²	#14… #4 AWG	2.5… 16 mm²
Wire Strip Length	0.51 in (13 mm)				0.51 in (13 mm)			
Recommended Tightening Torque	12.2…13.4 lb•in (1.4 Nm)				18…20 lb•in (2.1 Nm)			
Density	38 pcs/ft (125/m)				27 pcs/ft (90/m)			
Housing Temperature Range	–40…+195 °F (–40…+90 °C)				–40…+195 °F (–40…+90 °C)			
Terminal Blocks	**Cat. No.**			**Pcs/ Pkg**	**Cat. No.**			**Pcs/ Pkg**
Color: Gray	1492-W10			50	1492-W16S			50
Red	1492-W10-RE			50	1492-W16S-RE			50
Blue	1492-W10-B			50	1492-W16S-B			50
Black	1492-W10-BL			50	1492-W16S-BL			50
Green	1492-W10-G			50	1492-W16S-G			50
Yellow	1492-W10-Y			50	1492-W16S-Y			50
Orange	1492-W10-OR			50	1492-W16S-OR			50
Brown	1492-W10-BR			50	1492-W16S-BR			50
White	1492-W10-W			50	1492-W16S-W			50
Accessories	**Cat. No.**			**Pcs/ Pkg**	**Cat. No.**			**Pcs/ Pkg**
Mounting Rails: 1 m Symmetrical DIN (Steel)	199-DR1			10	199-DR1			10
1 m Symmetrical DIN (Aluminum)	1492-DR5			10	1492-DR5			10
1 m Hi-Rise Sym. DIN (Aluminum)	1492-DR6			2	1492-DR6			2
1 m Angled Hi-Rise Sym. DIN (Steel)	1492-DR7			2	1492-DR7			2
End Barrier	1492-EB10			50	1492-EB10			50
End Anchors: DIN Rail — Normal Duty	1492-EAJ35			100	1492-EAJ35			100
DIN Rail — Heavy Duty	1492-EAHJ35			50	1492-EAHJ35			50
Jumpers: Side Jumper — 10-pole insulated	1492-SJ8-10			10	—			—
Center Jumper — 40-pole	1492-CJ8-40			5	—			—
Center Jumper — 10-pole	1492-CJ8-10			10	1492-CJS11-10			10
Center Jumper — 5-pole	1492-CJ8-5			10	1492-CJS11-5			10
Center Jumper — 4-pole	1492-CJ8-4			10	1492-CJS11-4			10
Center Jumper — 3-pole	1492-CJ8-3			10	1492-CJS11-3			10
Center Jumper — 2-pole	1492-CJ8-2			10	1492-CJS11-2			10
Center Jumper Link	1492-CJL8			10	—			—
Center Jumper Cover — White	1492-CJCW6			20	—			—
Other Accessories: Partition Plate	1492-PP10			50	1492-PP10			50
Test Plug	1492-TP28			10	—			—
Test Plug Adapter	1492-TA40			10	1492-TA40L			10
Electrical Warning Plate (1-pole)	1492-EWP8			10	1492-EWP11			10
Electrical Warning Plate (4-pole)	1492-EWP8-4			10	1492-EWP11-4			10
Group Marking Carrier	1492-GM35			25	1492-GM35			25
Marking Systems: Snap-in Marker Card	1492-MS8X12 (56/card)			5	1492-MS6X12 (80/card)			5
Individual Marker Tabs (single char.)	1492-MP∗ (10/stick)			10	1492-MP∗ (10/stick)			10

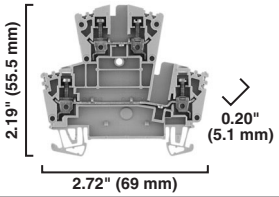
∗ Cat. no. is incomplete. See pages 12-152 and 12-153.

Screw Connection Terminal Blocks

Multi-Circuit Feed-Through Blocks

1492-JD3

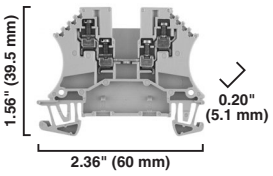
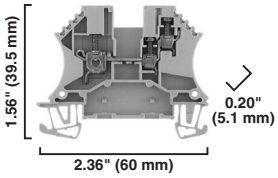
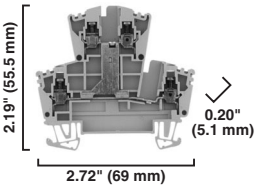
Dimensions are not intended to be used for manufacturing purposes.
Note: Height dimension is measured from top of rail to top of terminal block.



Specifications	*Two-Level Feed-Through Terminal Block*			
Certifications		**CSA**	**IEC**	**EEx e II**
Voltage Rating	300V AC/DC		400V AC/DC	275V AC/DC
Maximum Current	20 A		24 A	21 A
Wire Range (Rated Cross Section)	30… 12 AWG		2.5 mm²	2.5 mm² (20… 14 AWG)
Wire Strip Length	0.39 in (10 mm)			
Recommended Tightening Torque	3.5…5.3 lb•in (0.4…0.6 Nm)			
Density (Blocks per ft/meter)	59 per ft/196 per meter			
Housing Temperature Range	–58…+248 °F (–50…+120 °C)			

Terminal Blocks		**Cat. No.**	**Pcs/ Pkg**
Color:	Gray	1492-JD3	100
	Red	1492-JD3-RE	100
	Blue	1492-JD3-B	100
	Black	1492-JD3-BL	100
	Green	1492-JD3-G	100
	Yellow	1492-JD3-Y	100
	Orange	1492-JD3-OR	100
	Brown	1492-JD3-BR	100
	White	1492-JD3-W	100

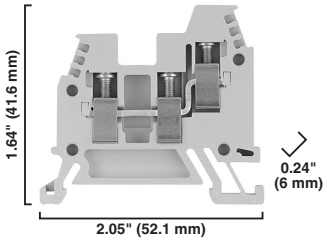
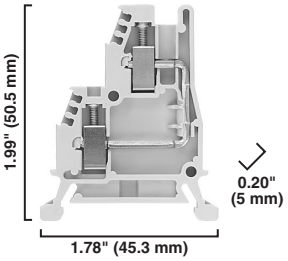
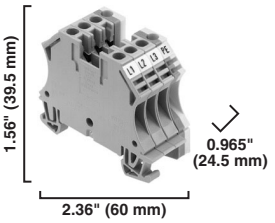
Accessories	**Cat. No.**	**Pcs/ Pkg**
Mounting Rails: 1 m Symmetrical DIN (Steel)	199-DR1	10
1 m Symmetrical DIN (Aluminum)	1492-DR5	10
1 m Hi-Rise Sym. DIN (Aluminum)	1492-DR6	2
1 m Angled Hi-Rise Sym. DIN (Steel)	1492-DR7	2
End Barrier Gray	1492-EBJD3	20
Blue	1492-EBJD3-B	20
Yellow	1492-EBJD3-Y	20
End Anchor and Retainers: Screwless End Retainer	1492-ERL35	20
DIN Rail — Normal Duty	1492-EAJ35	100
DIN Rail — Heavy Duty	1492-EAHJ35	50
Jumpers: Screw Center Jumper — 10 pole	1492-CJJ5-10	20
Screw Center Jumper — 4 pole	1492-CJJ5-4	50
Screw Center Jumper — 3 pole	1492-CJJ5-3	50
Screw Center Jumper — 2 pole	1492-CJJ5-2	50
Insulated Side Jumper — 24 Pole	1492-SJ5A-24	50
Insulated Side Jumper — 10 Pole	1492-SJ5A-10	50
Screw Type Jumper Notching Tool	1492-T1	1
Other Accessories: Partition Plate	1492-PPJD3	20
Test Plug Socket	1492-TPS23	20
Test Plug	1492-TP23	20
Group Marking Carrier	1492-GM35	25
Marking Systems: Snap-in marker cards	1492-M5X8 (144/card)	5
Snap-in marker cards	1492-M5X5 (200/card)	5

	1492-J2Q			1492-J3TW				1492-JD3C			
Dimensions are not intended to be used for manufacturing purposes. **Note:** Height dimension is measured from top of rail to top of terminal block.											
Specifications	*Feed-Through Terminal Block with 2 connection points on each side*			*Feed-Through Terminal Block with 3 points, 2 on one side*				*Single-circuit feed-through terminal block with 4 connection points*			
Certifications		CSA	IEC		CSA	IEC	EEx e II		CSA	IEC	EEx e II
Voltage Rating	300V AC/DC		800V AC/DC	300V AC/DC		800V AC/DC	550V AC/DC	300V AC/DC		400V AC/DC	275V AC/DC
Maximum Current	10 A	10 A	17.5 A	—				20 A	10 A	24 A	21 A
Maximum Current (Single Side)	—			20 A		24 A	21 A	—			
Maximum Current (Twin Side)	—			15 A		17.5 A	15 A	—			
Wire Range (Rated Cross Section) (Single Side For J3TW)	22… 14 AWG	26… 14 AWG	1.5 mm²	30… 12 AWG		2.5 mm²	2.5 mm² (20… 14 AWG)	30… 12 AWG		2.5 mm²	2.5 mm² (20… 14 AWG)
Wire Range (Twin Side For J3TW)	—			26… 14 AWG		1.5 mm²	1.5 mm² (20… 16 AWG)	—			
Wire Strip Length	0.28 in (7 mm)			Single Side: 0.39 in (10 mm) Twin Side: 0.26 in (7 mm)				0.39 in (10 mm)			
Recommended Tightening Torque	3.5…5.3 lb•in (0.4…0.6 Nm)			3.5…5.3 lb•in (0.4…0.6 Nm)				3.5…5.3 lb•in (0.4…0.6 Nm)			
Density (Blocks per ft/meter)	59 per ft/196 per meter			59 per ft/196 per meter				59 per ft/196 per meter			
Housing Temperature Range	–58…+248 °F (–50…+120 °C)			–58…+248 °F (–50…+120 °C)				–58…+248 °F (–50…+120 °C)			
Terminal Blocks	**Cat. No.**		**Pcs/Pkg**	**Cat. No.**			**Pcs/Pkg**	**Cat. No.**			**Pcs/Pkg**
Color: Gray	1492-J2Q		100	1492-J3TW			100	1492-JD3C			100
Red	1492-J2Q-RE		100	1492-J3TW-RE			100	—			—
Blue	1492-J2Q-B		100	1492-J3TW-B			100	—			—
Black	1492-J2Q-BL		100	1492-J3TW-BL			100	—			—
Green	1492-J2Q-G		100	1492-J3TW-G			100	—			—
Yellow	1492-J2Q-Y		100	1492-J3TW-Y			100	—			—
Orange	1492-J2Q-OR		100	1492-J3TW-OR			100	—			—
Brown	1492-J2Q-BR		100	1492-J3TW-BR			100	—			—
White	1492-J2Q-W		100	1492-J3TW-W			100	—			—
Accessories	**Cat. No.**		**Pcs/Pkg**	**Cat. No.**			**Pcs/Pkg**	**Cat. No.**			**Pcs/Pkg**
Mounting Rails: 1 m Symmetrical DIN (Steel)	199-DR1		10	199-DR1			10	199-DR1			10
1 m Symmetrical DIN (Aluminum)	1492-DR5		10	1492-DR5			10	1492-DR5			10
1 m Hi-Rise Sym. DIN (Aluminum)	1492-DR6		2	1492-DR6			2	1492-DR6			2
1 m Angled Hi-Rise Sym. DIN (Steel)	1492-DR7		2	1492-DR7			2	1492-DR7			2
End Barriers Gray	1492-EBJ3		50	1492-EBJ3			50	1492-EBJD3			20
Blue	1492-EBJ3-B		50	1492-EBJ3-B			50	1492-EBJD3-B			20
Yellow	1492-EBJ3-Y		50	1492-EBJ3-Y			50	1492-EBJD3-Y			20
End Anchors and Retainers: Screwless End Retainer	1492-ERL35		20	1492-ERL35			20	1492-ERL35			20
DIN Rail — Normal Duty	1492-EAJ35		100	1492-EAJ35			100	1492-EAJ35			100
DIN Rail — Heavy Duty	1492-EAHJ35		50	1492-EAHJ35			50	1492-EAHJ35			50
Jumpers:* Screw Center Jumper — 10 pole	1492-CJJ5-10		20	1492-CJJ5-10			20	1492-CJJ5-10			20
Screw Center Jumper — 4 pole	1492-CJJ5-4		50	1492-CJJ5-4			50	1492-CJJ5-4			50
Screw Center Jumper — 3 pole	1492-CJJ5-3		50	1492-CJJ5-3			50	1492-CJJ5-3			50
Screw Center Jumper — 2 pole	1492-CJJ5-2		50	1492-CJJ5-2			50	1492-CJJ5-2			50
Plug-in Center Jumper — 50 Pole	—		—	1492-CJLJ5-50			10	—			—
Plug-in Center Jumper — 5, 6, 7, 8, 9, 10 Pole	—		—	1492-CJLJ5-5, -6, -7, -8, -9, -10			20	—			—
Plug-in Center Jumper — 2, 3, 4 Pole	—		—	1492-CJLJ5-2, -3, -4			60	—			—
Insulated Side Jumper — 24 Pole	1492-SJ5B-24		50	1492-SJ5B-24			50	1492-SJ5A-24			50
Insulated Side Jumper — 10 Pole	1492-SJ5B-10		50	1492-SJ5B-10			50	1492-SJ5A-10			50
Screw Type Jumper Notching Tool	1492-T1		1	1492-T1			1	1492-T1			1
Other Accessories: Partition Plate	1492-EBJ16		20	1492-EBJ16			20	1492-PPJD3			20
Test Plug Socket	1492-TPS23		20	1492-TPS23			20	1492-TPS23			20
Test Plug	1492-TP23		20	1492-TP23			20	1492-TP23			20
Test Plug (Stackable)	1492-TPJ5		25	1492-TPJ5			25	—			—
Group Marking Carrier	1492-GM35		25	1492-GM35			25	1492-GM35			25
Marking Systems: Snap-in marker card	1492-M5X12 (144/card) 1492-M5X5 (200/card)		5 5	1492-M5X12 (144/card) 1492-M5X5 (200/card)			5 5	1492-M5X8 (144/card) 1492-M5X5 (200/card)			5 5

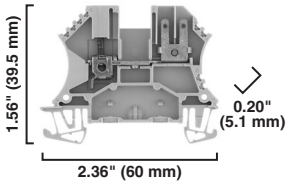
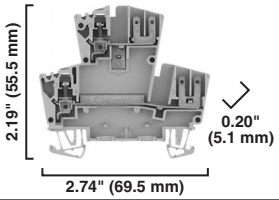
* Use of center jumpers may affect spacings, requiring derating of terminal blocks, see page 12-148.
† Cat. no. is incomplete. See pages 12-152 and 12-153.

Screw Connection Terminal Blocks

Specialty Feed-Through Blocks, Continued

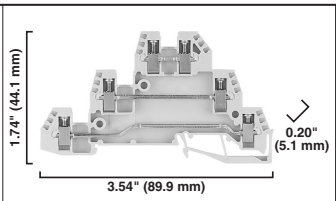
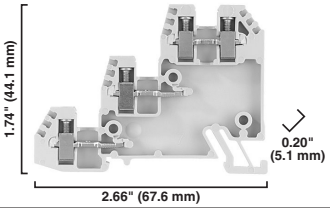
	1492-W4TW			1492-WR3		1492-J4M	
Dimensions are not intended to be used for manufacturing purposes. **Note:** Height dimension is measured from top of rail to top of terminal block.							
Specifications	*Single-circuit three-conductor terminal block.*			*Single-circuit terminal block with terminals on common side.*		*Motor connection terminal block cluster with 3 feeds and ground*	
Certifications	cULus	CSA	IEC	cULus	CSA / IEC	Certifications on individual blocks (1492-J4, JG4)	
Voltage Rating	600V AC/DC	600V AC/DC	800V AC/DC	300V AC/DC	500V AC/DC		
Maximum Current	30 A	20 A	32 A	15 A	15 A		
Wire Range (Rated Cross Section)	#18… #10 AWG	#22… #12 AWG	0.5… 4 mm²	#22… #14 AWG	0.5… 2.5 mm²	22…10 AWG 4 mm²	
Wire Strip Length	0.35 in (9 mm)			0.39 in (10 mm)		0.39 in (10 mm)	
Recommended Tightening Torque	5.0…5.6 lb•in (0.6 Nm)			5.0…5.6 lb•in (0.6 Nm)		4.4…8.8 lb•in (0.5…1.0 Nm)	
Density (Blocks per ft/meter)	50 pcs/ft (166/m)			61 pcs/ft (200/m)		12 pcs/ft (40/m)	
Housing Temperature Range	–40…+195 °F (–40…+90 °C)			–40…+195 °F (–40…+90 °C)		–58…+248 °F (–50…+120 °C)	
Terminal Blocks	**Cat. No.**	**Pcs/ Pkg**		**Cat. No.**	**Pcs/ Pkg**	**Cat. No.**	**Pcs/ Pkg**
Color: Gray	1492-W4TW	50		1492-WR3	50	—	—
Gray/Green/Yellow	—	—		—	—	1492-J4M	20
Red	1492-W4TW-RE	50		—	—	—	—
Blue	1492-W4TW-B	50		—	—	—	—
Black	1492-W4TW-BL	50		—	—	—	—
Green	1492-W4TW-G	50		—	—	—	—
Yellow	1492-W4TW-Y	50		—	—	—	—
Orange	1492-W4TW-OR	50		—	—	—	—
Brown	1492-W4TW-BR	50		—	—	—	—
White	1492-W4TW-W	50		—	—	—	—
Accessories	**Cat. No.**	**Pcs/ Pkg**		**Cat. No.**	**Pcs/ Pkg**	**Cat. No.**	**Pcs/ Pkg**
Mounting Rails: 1 m Symmetrical DIN (Steel)	199-DR1	10		199-DR1	10	199-DR1	10
1 m Symmetrical DIN (Aluminum)	1492-DR5	10		1492-DR5	10	1492-DR5	10
1 m Hi-Rise Sym. DIN (Aluminum)	1492-DR6	2		1492-DR6	2	1492-DR6	2
1 m Angled Hi-Rise Sym. DIN (Steel)	1492-DR7	2		1492-DR7	2	1492-DR7	2
End Barriers Gray	1492-EB3TW	50		1492-EBR3	50	Not Required	—
End Anchors and Retainers: Screwless End Retainer	1492-ERL35	20		1492-ERL35	20	1492-ERL35	20
DIN Rail — Normal Duty	1492-EAJ35	100		1492-EAJ35	100	1492-EAJ35	100
DIN Rail — Heavy Duty	1492-EAHJ35	50		1492-EAHJ35	50	1492-EAHJ35	50
Jumpers: Side Jumper — 10 pole insulated	1492-SJ6-10*	10		1492-SJ5-10	10	—	—
Screw Center Jumper — 50 pole	1492-CJ6-50	5		1492-CJD5-50	5	—	—
Screw Center Jumper — 10 pole	1492-CJ6-10	10		1492-CJD5-10	10	1492-CJJ6-10	20
Screw Center Jumper — 5 pole	1492-CJ6-5	10		1492-CJD5-5	10	—	—
Screw Center Jumper — 4 pole	1492-CJ6-4	10		1492-CJD5-4	10	1492-CJJ6-4	50
Screw Center Jumper — 3 pole	1492-CJ6-3	10		1492-CJD5-3	10	1492-CJJ6-3	50
Screw Center Jumper — 2 pole	1492-CJ6-2	10		1492-CJD5-2	10	1492-CJJ6-2	50
Center Jumper Cover — White	1492-CJCW6‡	20		1492-CJCW5‡	20	—	—
Center Jumper Link	1492-CJL6	10		1492-CJL5	10	—	—
Screw Type Jumper Notching Tool	—	—		—	—	1492-T1	1
Other Accessories: Partition Plate	1492-PP10	50		1492-EBR3	50	1492-EBJ16	20
End Cover	1492-EC3TW†	10		—	—	—	—
Test Plug Socket	—	—		—	—	1492-TPS23L	50
Test Plug	1492-TP28	10		—	—	1492-TP23	20
Test Adapater	1492-TA40	10		1492-TA285	10	1492-TPJ6	25
Electrical Warming Plate	—	—		—	—	1492-EWPJ5	50
Group Marking Carrier	1492-GM35	25		1492-GM35	25	1492-GM35	25
Marking Systems: Snap-in marker cards	1492-MS6X9 (80/card) 1492-MP§ (10/stick)	5 10		1492-MS5X9 (80/card) 1492-MP5§ (100/card)	5 5	1492-M6X12 (120/card) 1492-M6X5 (200/card)	5 5

* Use side jumpers on the single conductor side only.
† Provides IP2X Finger Safety when a W4 is mounted on open side of 1492-W4TW.
‡ May only be used as a marking surface. Cannot be installed over a center jumper.
§ Cat. no. is incomplete. See pages 12-152 and 12-153.

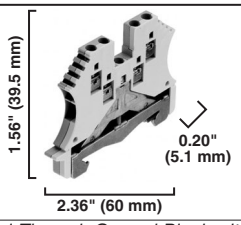
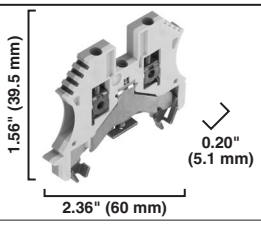
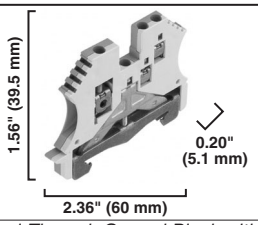
	1492-J3F			1492-JD3F		
Dimensions are not intended to be used for manufacturing purposes. **Note:** Height dimension is measured from top of rail to top of terminal block.						
Specifications	*Feed-Through Terminal Block with stab connections on one side*			*Two circuit Feed-Through Terminal Block with stab connections on one side*		
Certifications	cULus	CSA	IEC	cULus	CSA	IEC
Voltage Rating	300V AC/DC		500V AC/DC	300V AC/DC		400V AC/DC
Maximum Current	10 A		12 A (2 x 6)	10 A		12 A (2 x 6)
Wire Range (Rated Cross Section)	30…12 AWG		2.5 mm^2	30…12 AWG		2.5 mm^2
Wire Strip Length	0.39 in (10 mm)			0.39 in (10 mm)		
Recommended Tightening Torque	3.5…7.1 lb•in (0.4…0.8 Nm)			3.5…7.1 lb•in (0.4…0.8 Nm)		
Density (Blocks per ft/meter)	59 per ft/196 per meter			59 per ft/196 per meter		
Housing Temperature Range	–58…+248 °F (–50…+120 °C)			–58…+248 °F (–50…+120 °C)		
Terminal Blocks	**Cat. No.**		**Pcs/ Pkg**	**Cat. No.**		**Pcs/ Pkg**
Color: Gray	1492-J3F		50	1492-JD3F		50
Accessories	**Cat. No.**		**Pcs/ Pkg**	**Cat. No.**		**Pcs/ Pkg**
Mounting Rails: 1 m Symmetrical DIN (Steel)	199-DR1		10	199-DR1		10
1 m Symmetrical DIN (Aluminum)	1492-DR5		10	1492-DR5		10
1 m Hi-Rise Sym. DIN (Aluminum)	1492-DR6		2	1492-DR6		2
1 m Angled Hi-Rise Sym. DIN (Steel)	1492-DR7		2	1492-DR7		2
End Barrier	1492-EBJ3		50	1492-EBJD3		20
End Anchors and Retainers: Screwless End Retainer	1492-ERL35		20	1492-ERL35		20
DIN Rail — Normal Duty	1492-EAJ35		100	1492-EAJ35		100
DIN Rail — Heavy Duty	1492-EAHJ35		50	1492-EAHJ35		50
Fast-on Connector (Size 0.110 in)	800M-NT2		100	800M-NT2		100
Connector Insulation Sleeve	1492-FCS		100	1492-FCS		100
Jumpers: Screw Center Jumper — 10 pole	1492-CJJ5-10		20	1492-CJJ5-10		20
Screw Center Jumper — 4 pole	1492-CJJ5-4		50	1492-CJJ5-4		50
Screw Center Jumper — 3 pole	1492-CJJ5-3		50	1492-CJJ5-3		50
Screw Center Jumper — 2 pole	1492-CJJ5-2		50	1492-CJJ5-2		50
Insulated Side Jumper — 24 Pole	1492-SJ5B-24		50	1492-SJ5A-24		50
Insulated Side Jumper — 10 Pole	1492-SJ5B-10		50	1492-SJ5A-10		50
Screw Type Jumper Notching Tool	1492-T1		1	1492-T1		1
Other Accessories: Partition Plate	1492-EBJ16		20	1492-PPJD3		20
Group Marking Carrier	1492-GM35		25	1492-GM35		25
Marking Systems: Snap-in marker cards	1492-M5X12 (144/card)		5	1492-M5X8 (144/card)		5
Snap-in marker cards	1492-M5X5 (200/card)		5	1492-M5X5 (200/card)		5

Screw Connection Terminal Blocks

Sensor Blocks

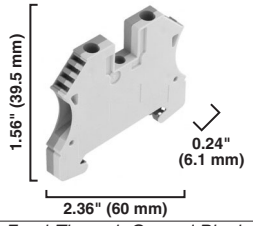
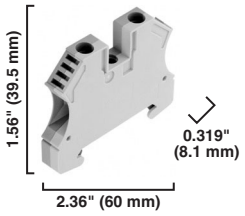
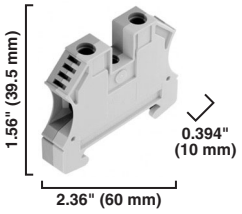
	1492-WTF3...			1492-WTS3...		
Dimensions are not intended to be used for manufacturing purposes. **Note:** Height dimension is measured from top of rail to top of terminal block.						
Specifications	*Three-circuit terminal block.*			*Three-level sensor block.*		
Certifications		**CSA**	**IEC**		**CSA**	**IEC**
Voltage Rating	300V AC/DC		500V AC/DC	300V AC/DC		500V AC/DC
Maximum Current	10 A		24 A	10 A		24 A
Recommended Tightening Torque	4.2…4.6 lb•in (0.5 Nm)			4.2…4.6 lb•in (0.5 Nm)		
Density (Blocks per ft/meter)	60 pcs/ft (197/m)			60 pcs/ft (197/m)		
Housing Temperature Range	–40…+195 °F (–40…+90 °C)			–40…+195 °F (–40…+90 °C)		
Indicator Type						
WTF3/WTS3	No Indicator			No Indicator		
WTF3LP/WTS3LP	Red LED for PNP devices (10…50V)			Red LED for PNP devices (10…50V)		
WTF3LN/WTS3LN	Red LED for NPN devices (10…50V)			Red LED for NPN devices (10…50V)		
Leakage Current						
WTF3/WTS3	—			—		
WTF3LP/WTS3LP	2.69 mA @ 50V			2.69 mA @ 50V		
WTF3LN/WTS3LN	2.69 mA @ 50V			2.69 mA @ 50V		
Wire Strip Length	0.31 in (8 mm)			0.31 in (8 mm)		
Terminal Blocks	**Cat. No.**		**Pcs/ Pkg**	**Cat. No.**		**Pcs/ Pkg**
Color: Gray	1492-WTF3		50	1492-WTS3		50
Blue	—		—	1492-WTS3-B		50
Gray for PNP devices	1492-WTF3LP		50	1492-WTS3LP		50
Gray for NPN devices	1492-WTF3LN		50	1492-WTS3LN		50
Accessories	**Cat. No.**		**Pcs/ Pkg**	**Cat. No.**		**Pcs/ Pkg**
Mounting Rails: 1 m Symmetrical DIN (Steel)	199-DR1		10	199-DR1		10
1 m Symmetrical DIN (Aluminum)	1492-DR5		10	1492-DR5		10
1 m Hi-Rise Sym. DIN (Aluminum)	1492-DR6		2	1492-DR6		2
1 m Angled Hi-Rise Sym. DIN (Steel)	1492-DR7		2	1492-DR7		2
End Barrier	1492-EBTF3		50	1492-EBTS3		50
End Anchors and Retainers: Screwless End Retainer	1492-ERL35		20	1492-ERL35		20
DIN Rail — Normal Duty	1492-EAJ35		100	1492-EAJ35		100
DIN Rail — Heavy Duty	1492-EAHJ35		50	1492-EAHJ35		50
Jumpers: Center Jumper — 50-pole	1492-CJT5-50		5	1492-CJT5-50		5
Center Jumper — 10-pole	1492-CJT5-10		10	1492-CJT5-10		10
Center Jumper — 3-pole	1492-CJT5-3		10	1492-CJT5-3		10
Center Jumper — 2-pole	1492-CJT5-2		10	1492-CJT5-2		10
Center Jumper Link	1492-CJL5		10	1492-CJL5		10
Center Jumper Cover — Red	1492-CJCR5		10	1492-CJCR5		10
Center Jumper Cover — Blue	1492-CJCB5		10	1492-CJCB5		10
Side — 20-pole Insulated Red	1492-SJT5-20-R		10	1492-SJT5-20-R		10
Side — 20-pole Insulated Blue	1492-SJT5-20-B		10	1492-SJT5-20-B		10
Other Accessories: Partition Plate	1492-PPTS3		50	1492-PPTS3		50
Test Plug Adapter	1492-TA285		10	1492-TA285		10
Electrical Warning Plate 4-Pole	1492-EWP5-4		10	1492-EWP5-4		10
Electrical Warning Plate 1-Pole	1492-EWP5		10	1492-EWP5		10
Group Marking Carrier	1492-GM35		25	1492-GM35		25
Marking Systems: Snap-in Marker Card	1492-MS5X9 (80/card)		5	1492-MS5X9 (80/card)		5
Individual Marker Tab (single char.)	1492-MP5* (100/card)		5	1492-MP5* (100/card)		5

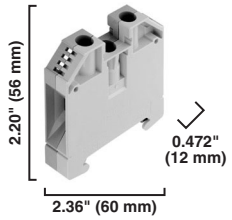
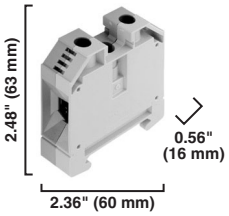
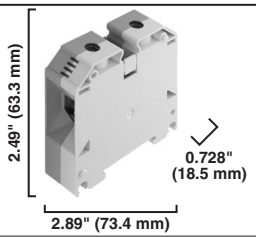
* Cat. no. is incomplete. See pages 12-152 and 12-153.

	1492-JG2Q			1492-JG3				1492-JG3TW			
Dimensions are not intended to be used for manufacturing purposes. **Note:** Height dimension is measured from top of rail to top of terminal block.											
Specifications	*Feed-Through Ground Block with 2 connection points on each side*			*Feed-Through Ground Block*				*Feed-Through Ground Block with 2 connection points on one side*			
Certifications	cULus	CSA	IEC	cULus	CSA	IEC	EEx e II	cULus	CSA	IEC	EEx e II
Voltage Rating	—	—	—	—	—	—	—	—	—	—	—
Maximum Current	Grounding			Grounding				Grounding			
Wire Range (Rated Cross Section)	26…14 AWG		1.5 mm²	30…12 AWG		2.5 mm²	2.5 mm² (20… 14 AWG)	—			
Wire Range (Single Side for JG3TW)	—			—				30…12 AWG		2.5 mm²	2.5 mm² (20… 14 AWG)
Wire Range (Twin Side for JG3TW)	—			—				26…14 AWG		1.5 mm²	1.5 mm² (20… 16 AWG)
Wire Strip Length	0.28 in (7 mm)			0.39 in (10 mm)				Single Side: 0.39 in (10 mm) Twin Side: 0.28 in (7 mm)			
Recommended Tightening Torque	3.5…5.3 lb•in (0.4…0.6 Nm)			3.5…5.3 lb•in (0.4…0.6 Nm)				3.5…5.3 lb•in (0.4…0.6 Nm)			
Mounting Torque — Center Screw	3.5…5.3 lb•in (0.4…0.6 Nm)			3.5…6.2 lb•in (0.4…0.6 Nm)				3.5…5.3 lb•in (0.4…0.6 Nm)			
Density (Blocks per ft/meter)	59 per ft/196 per meter			59 per ft/196 per meter				59 per ft/196 per meter			
Housing Temperature Range	–58…+248 °F (–50…+120 °C)			–58…+248 °F (–50…+120 °C)				–58…+248 °F (–50…+120 °C)			
Terminal Blocks	**Cat. No.**		**Pcs/ Pkg**	**Cat. No.**			**Pcs/ Pkg**	**Cat. No.**			**Pcs/ Pkg**
Color: Green/Yellow	1492-JG2Q		100	1492-JG3			100	1492-JG3TW			100
Accessories	**Cat. No.**		**Pcs/ Pkg**	**Cat. No.**			**Pcs/ Pkg**	**Cat. No.**			**Pcs/ Pkg**
Mounting Rails: 1 m Symmetrical DIN (Steel)	199-DR1		10	199-DR1			10	199-DR1			10
1 m Symmetrical DIN (Aluminum)	1492-DR5		10	1492-DR5			10	1492-DR5			10
1 m Hi-Rise Sym. DIN (Aluminum)	1492-DR6		2	1492-DR6			2	1492-DR6			2
1 m Angled Hi-Rise Sym. DIN (Steel)	1492-DR7		2	1492-DR7			2	1492-DR7			2
End Barrier Yellow	1492-EBJ3-Y		50	1492-EBJ3-Y			50	1492-EBJ3-Y			50
End Anchors and End Retainers: Screwless End Retainer	1492-ERL35		20	1492-ERL35			20	1492-ERL35			20
DIN Rail — Normal Duty	1492-EAJ35		100	1492-EAJ35			100	1492-EAJ35			100
DIN Rail — Heavy Duty	1492-EAHJ35		50	1492-EAHJ35			50	1492-EAHJ35			50
Other Accessories: Group Marking Carrier	1492-GM35		25	1492-GM35			25	1492-GM35			25
Marking Systems: Snap-in marker cards	1492-M5X12 (144/card)		5	1492-M5X12 (144/card)			5	1492-M5X12 (144/card)			5
Snap-in marker cards	1492-M5X5 (200/card)		5	1492-M5X5 (200/card)			5	1492-M5X5 (200/card)			5

Screw Connection Terminal Blocks

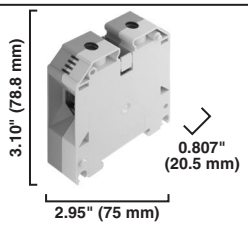
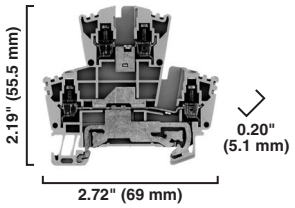
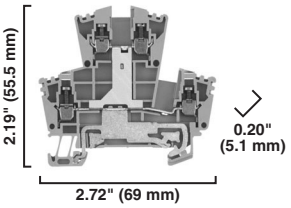
Grounding Blocks, Continued

	1492-JG4				1492-JG6				1492-JG10			
Dimensions are not intended to be used for manufacturing purposes. **Note:** Height dimension is measured from top of rail to top of terminal block.												
Specifications	*Feed-Through Ground Block*				*Feed-Through Ground Block*				*Feed-Through Ground Block*			
Certifications	cULus	CSA	IEC	EEx e II	cULus	CSA	IEC	EEx e II	cULus	CSA	IEC	EEx e II
Voltage Rating	—	—	—	—	—	—	—	—	—	—	—	—
Maximum Current	Grounding				Grounding				Grounding			
Wire Range (Rated Cross Section)	22…10 AWG		4 mm²	4 mm² (20… 12 AWG)	22…8 AWG		6 mm²	6 mm² (20… 10 AWG)	22…6 AWG		10 mm²	10 mm² (16… 8 AWG)
Wire Strip Length	0.39 in (10 mm)				0.47 in (12 mm)				0.47 in (12 mm)			
Recommended Tightening Torque	4.4…8.8 lb•in (0.5…1.0 Nm)				7.1…14.2 lb•in (0.8…1.6 Nm)				10.6…21.2 lb•in (1.2…2.4 Nm)			
Mounting Torque — Center Screw	4.4…7.1 lb•in (0.5…0.8 Nm)				4.4…8.9 lb•in (0.5…1.0 Nm)				4.4…8.9 lb•in (0.5…1.0 Nm)			
Density (Blocks per ft/meter)	49 per ft/163 per meter				37 per ft/123 per meter				30 per ft/100 per meter			
Housing Temperature Range	–58…+248 °F (–50…+120 °C)				–58…+248 °F (–50…+120 °C)				–58…+248 °F (–50…+120 °C)			
Terminal Blocks	**Cat. No.**			**Pcs/ Pkg**	**Cat. No.**			**Pcs/ Pkg**	**Cat. No.**			**Pcs/ Pkg**
Color: Green/Yellow	1492-JG4			100	1492-JG6			50	1492-JG10			50
Accessories	**Cat. No.**			**Pcs/ Pkg**	**Cat. No.**			**Pcs/ Pkg**	**Cat. No.**			**Pcs/ Pkg**
Mounting Rails: 1 m Symmetrical DIN (Steel)	199-DR1			10	199-DR1			10	199-DR1			10
1 m Symmetrical DIN (Aluminum)	1492-DR5			10	1492-DR5			10	1492-DR5			10
1 m Hi-Rise Sym. DIN (Aluminum)	1492-DR6			2	1492-DR6			2	1492-DR6			2
1 m Angled Hi-Rise Sym. DIN (Steel)	1492-DR7			2	1492-DR7			2	1492-DR7			2
End Barrier	Not Required			—	Not Required			—	Not Required			—
End Anchors and End Retainers: Screwless End Retainer	1492-ERL35			20	1492-ERL35			20	1492-ERL35			20
DIN Rail — Normal Duty	1492-EAJ35			100	1492-EAJ35			100	1492-EAJ35			100
DIN Rail — Heavy Duty	1492-EAHJ35			50	1492-EAHJ35			50	1492-EAHJ35			50
Other Accessories: Group Marking Carrier	1492-GM35			25	1492-GM35			25	1492-GM35			25
Marking Systems: Snap-in marker cards	1492-M6X12 (120/card)			5	1492-M7X12 (108/card)			5	1492-M7X12 (108/card)			5
Snap-in marker cards	1492-M6X5 (200/card)			5	1492-M8X5 (160/card)			5	1492-M8X5 (160/card)			5

	1492-JG16				1492-JG35				1492-JG50		
Dimensions are not intended to be used for manufacturing purposes. **Note:** Height dimension is measured from top of rail to top of terminal block.											
Specifications	*Feed-Through Ground Block*				*Feed-Through Ground Block*				*Feed-Through Ground Block*		
Certifications	cULus	CSA	IEC	EEx e II	cULus	CSA	IEC	EEx e II	cULus	CSA	IEC
Voltage Rating	—	—	—	—	—	—	—	—	—	—	—
Maximum Current	Grounding				Grounding				Grounding		
Wire Range (Rated Cross Section)	16…6 AWG		16 mm²	16 mm² (16…6 AWG)	14…1/0 AWG		35 mm²	35 mm² (14…1/0 AWG)	8…2/0 AWG		50 mm²
Wire Strip Length	0.63 in (16 mm)				0.70 in (18 mm)				0.94 in (24 mm)		
Recommended Tightening Torque	17.7…35.4 lb•in (2.0…4.0 Nm)				17.7…44.3 lb•in (2.0…5.0 Nm)				17.7…53.1 lb•in (2.0…6.0 Nm)		
Mounting Torque — Center Screw	10.6…21.2 lb•in (1.2…2.4 Nm)				10.6…21.2 lb•in (1.2…2.4 Nm)				17.7…35.4 lb•in (2.0…4.0 Nm)		
Density (Blocks per ft/meter)	25 per ft/83 per meter				19 per ft/62 per meter				16 per ft/54 per meter		
Housing Temperature Range	–58…+248 °F (–50…+120 °C)				–58…+248 °F (–50…+120 °C)				–58…+248 °F (–50…+120 °C)		
Terminal Blocks	**Cat. No.**			**Pcs/ Pkg**	**Cat. No.**			**Pcs/ Pkg**	**Cat. No.**		**Pcs/ Pkg**
Color: Green/Yellow	1492-JG16			50	1492-JG35			25	1492-JG50		10
Accessories	**Cat. No.**			**Pcs/ Pkg**	**Cat. No.**			**Pcs/ Pkg**	**Cat. No.**		**Pcs/ Pkg**
Mounting Rails: 1 m Symmetrical DIN (Steel)	199-DR1			10	—			—	—		—
1 m Symmetrical Heavy Duty DIN (Steel, Unslotted)	199-DR4			5	199-DR4			5	199-DR4		5
1 m Symmetrical DIN (Aluminum)	1492-DR5			10	1492-DR5			10	—		—
1 m Hi-Rise Sym. DIN (Aluminum)	1492-DR6			2	1492-DR6			2	—		—
1 m Angled Hi-Rise Sym. DIN (Steel)	1492-DR7			2	—			—	—		—
1 m Symmetrical Heavy Duty DIN (Copper, Unslotted)	1492-DR8			5	1492-DR8			5	1492-DR8		5
1 m Symmetrical Heavy Duty DIN (Steel)	1492-DR9			5	1492-DR9			5	1492-DR9		5
End Barrier	Not Required			—	Not Required			—	Not Required		—
End Anchors: DIN Rail — Heavy Duty	1492-EAHJ35			50	1492-EAHJ35			50	1492-EAHJ35		50
Other Accessories: Group Marking Carrier	1492-GM35			25	1492-GM35			25	1492-GM35		25
Marking Systems: Snap-in marker cards	1492-M7X12 (108/card)			5	1492-M7X12 (108/card)			5	1492-M7X12 (108/card)		5
Snap-in marker cards	1492-M8X5 (160/card)			5	1492-M8X5 (160/card)			5	1492-M8X5 (160/card)		5

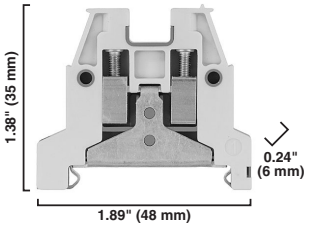
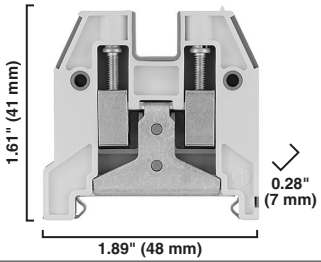
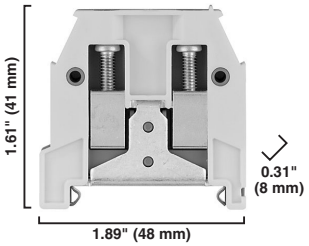
Screw Connection Terminal Blocks

Grounding Blocks, Continued

	1492-JG70	1492-JDG3	1492-JDG3C
Dimensions are not intended to be used for manufacturing purposes. **Note:** Height dimension is measured from top of rail to top of terminal block.	 Product to be available May 2004		
Specifications	*Feed-Through Ground Block*	*Two Circuit Terminal Block with one feed-through and one ground*	*Two Circuit commoned Ground Block*

Certifications		CSA	IEC	EEx e II		CSA	IEC	EEx e II		CSA	IEC	EEx e II
Voltage Rating	—	—	—	—	300V AC/DC		400V AC/DC	275V AC/DC	—	—	—	—
Maximum Current	Grounding				20 A		24 A	21 A	Grounding			
Wire Range (Rated Cross Section)	14…3/0 AWG		70 mm²	Pending	30…12 AWG		2.5 mm²	2.5 mm² (20… 14 AWG)	30…12 AWG		2.5 mm²	2.5 mm² (20… 14 AWG)
Wire Strip Length	0.87 in (22 mm)				0.39 in (10 mm)				0.39 in (10 mm)			
Recommended Tightening Torque	66.1…88.5 lb•in (6.0…10 Nm)				3.5…5.3 lb•in (0.4…0.6 Nm)				3.5…5.3 lb•in (0.4…0.6 Nm)			
Mounting Torque — Center Screw	17.7…35.4 lb•in (2.0…4.0 Nm)				—				—			
Density (Blocks per ft/meter)	14 per ft/48 per meter				59 per ft/196 per meter				59 per ft/196 per meter			
Housing Temperature Range	–58…+248 °F (–50…+120 °C)				–58…+248 °F (–50…+120 °C)				–58…+248 °F (–50…+120 °C)			

Terminal Blocks		**Cat. No.**	**Pcs/ Pkg**	**Cat. No.**	**Pcs/ Pkg**	**Cat. No.**	**Pcs/ Pkg**
Color:	Green/Yellow	1492-JG70	10	—	—	1492-JDG3C	100
	Gray	—	—	1492-JDG3	100	—	—
Accessories		**Cat. No.**	**Pcs/ Pkg**	**Cat. No.**	**Pcs/ Pkg**	**Cat. No.**	**Pcs/ Pkg**
Mounting Rails: 1 m Symmetrical DIN (Steel)		—	—	199-DR1	10	199-DR1	10
1 m Symmetrical DIN (Aluminum)		—	—	1492-DR5	10	1492-DR5	10
1 m Hi-Rise Sym. DIN (Aluminum)		—	—	1492-DR6	2	1492-DR6	2
1 m Angled Hi-Rise Sym. DIN (Steel)		—	—	1492-DR7	2	1492-DR7	2
Screw Type 1 m Symmetrical Heavy Duty DIN (Copper, Unslotted)		1492-DR8	5	—	—	—	—
End Barrier	Gray	Not Required	—	1492-EBJD3	20	1492-EBJD3	20
	Yellow	Not Required	—	1492-EBJD3-Y	20	1492-EBJD3-Y	20
Jumpers: Screw Center Jumper — 10 pole		—	—	1492-CJJ5-10	20	—	—
Screw Center Jumper — 4 pole		—	—	1492-CJJ5-4	50	—	—
Screw Center Jumper — 3 pole		—	—	1492-CJJ5-3	50	—	—
Screw Center Jumper — 2 pole		—	—	1492-CJJ5-2	50	—	—
Insulated Side Jumper — 24 Pole		—	—	1492-SJ5A-24	50	—	—
Insulated Side Jumper — 10 Pole		—	—	1492-SJ5A-10	50	—	—
End Anchors and Retainers: Screwless End Retainer		—	—	1492-ERL35	20	1492-ERL35	20
DIN Rail — Normal Duty		—	—	1492-EAJ35	100	1492-EAJ35	100
DIN Rail — Heavy Duty		1492-EAHJ35	50	1492-EAHJ35	50	1492-EAHJ35	50
Other Accessories: Group Marking Carrier		1492-GM35	25	1492-GM35	25	1492-GM35	25
Marking Systems: Snap-in marker cards		1492-M7X12 (108/card)	5	1492-M5X8 (144/card)	5	1492-M5X8 (144/card)	5
Snap-in marker cards		1492-M8X5 (160/card)	5	1492-M5X5 (200/card)	5	1492-M5X5 (200/card)	5

	1492-WG4				1492-WG6				1492-WG10S		
Dimensions are not intended to be used for manufacturing purposes. **Note:** Height dimension is measured from top of rail to top of terminal block.											
Specifications	*Single-circuit grounding terminal block.*				*Single-circuit grounding terminal block.*				*Single-circuit grounding terminal block.*		
Certifications		**IEC**	**CSA**	**EEx e II**		**IEC**	**CSA**	**EEx e II**		**CSA**	**IEC**
Voltage Rating	—	—	—	—	—	—	—	—	—	—	—
Maximum Current	Grounding				Grounding				Grounding		
Wire Range (Rated Cross Section)	#22…#12 AWG	4 mm^2	#22…#12 AWG	4 mm^2	#22…#10 AWG	6 mm^2	#22…#10 AWG	6 mm^2	#22…#8 AWG	#22…#8 AWG	10 mm^2
Wire Strip Length	0.43 in (11 mm)				0.47 in (12 mm)				0.43 in (11 mm)		
Recommended Tightening Torque	5.6…6.8 lb•in (0.7 Nm)				5.6…6.8 lb•in (0.7 Nm)				7.1 lb•in (0.8 Nm)		
Density (Blocks per ft/meter)	50 pcs/ft (166/m)				43 pcs/ft (142/m)				38 pcs/ft (125/m)		
Housing Temperature Range	–40…+195 °F (–40…+90 °C)				–40…+195 °F (–40…+90 °C)				–40…+195 °F (–40…+90 °C)		
Terminal Blocks	**Cat. No.**			**Pcs/ Pkg**	**Cat. No.**			**Pcs/ Pkg**	**Cat. No.**		**Pcs/ Pkg**
Color: Green/Yellow	1492-WG4			50	1492-WG6			50	1492-WG10S		—
Accessories	**Cat. No.**			**Pcs/ Pkg**	**Cat. No.**			**Pcs/ Pkg**	**Cat. No.**		**Pcs/ Pkg**
Mounting Rails: 1 m Symmetrical DIN (Steel)	199-DR1			10	199-DR1			10	199-DR1		10
1 m Symmetrical DIN (Aluminum)	1492-DR5			10	1492-DR5			10	1492-DR5		10
1 m Hi-Rise Sym. DIN (Aluminum)	1492-DR6			2	1492-DR6			2	1492-DR6		2
1 m Angled Hi-Rise Sym. DIN (Steel)	1492-DR7			2	1492-DR7			2	1492-DR7		2
End Barrier	1492-EB3-Y			50	1492-EB10-Y			50	1492-EB10-Y		50
End Anchors: DIN Rail — Normal Duty	1492-EAJ35			100	1492-EAJ35			100	1492-EAJ35		100
DIN Rail — Heavy Duty	1492-EAHJ35			50	1492-EAHJ35			50	1492-EAHJ35		50
Other Accessories: Group Marking Carrier	1492-GM35			25	1492-GM35			25	1492-GM35		25
Marking Systems: Snap-in Marker Card	1492-MS6X12 (80/card)			5	1492-MS6X12 (80/card)			5	1492-MS6X12 (80/card)		5
Individual Marker Tabs (single char.)	1492-MP∗ (10/stick)			10	1492-MP∗ (10/stick)			10	1492-MP∗ (10/stick)		10

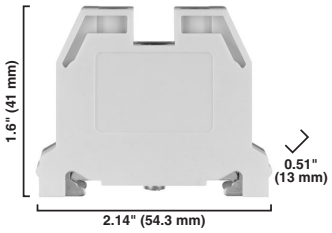
∗ Cat. no. is incomplete. See pages 12-152 and 12-153.

Screw Connection Terminal Blocks

Space-Saver Grounding Blocks, Continued

1492-WG16S

Dimensions are not intended to be used for manufacturing purposes.
Note: Height dimension is measured from top of rail to top of terminal block.

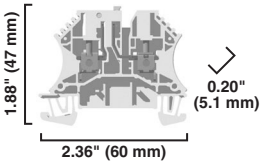
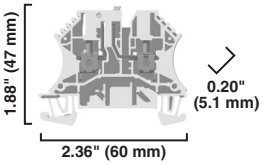
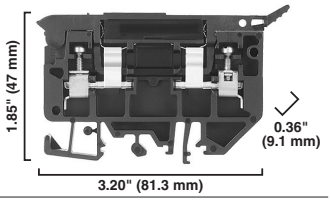


Specifications	*Single-circuit grounding terminal block.*		
Certifications	cULus	**CSA**	**IEC**
Voltage Rating	—	—	—
Maximum Current	Grounding		
Wire Range (Rated Cross Section)	#14… #4 AWG		2.5… 16 mm²
Wire Strip Length	0.51 in (13 mm)		
Recommended Tightening Torque	18…20 lb•in (2.1 Nm)		
Center Screw Mounting Torque	10.6 lb•in (1.2 Nm)		
Density (Blocks per ft/meter)	27 pcs/ft (90/m)		
Housing Temperature Range	–40…+195 °F (–40…+90 °C)		

Terminal Blocks	**Cat. No.**	**Pcs/ Pkg**
Color: Green/Yellow	1492-WG16S	25

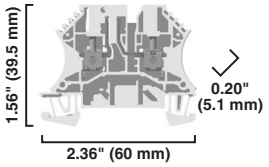
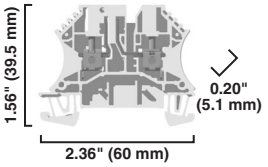
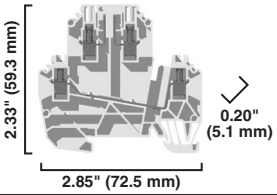
Accessories	**Cat. No.**	**Pcs/ Pkg**
Mounting Rails: 1 m Symmetrical DIN (Steel)	199-DR1	10
1 m Symmetrical DIN (Aluminum)	1492-DR5	10
1 m Hi-Rise Sym. DIN (Aluminum)	1492-DR6	2
1 m Angled Hi-Rise Sym. DIN (Steel)	1492-DR7	2
1 m Symmetrical DIN (Copper)	1492-DR8	5
1 m Symmetrical DIN (Steel)	1492-DR9	5
End Barrier	Not Required	—
End Anchors: DIN Rail — Normal Duty	1492-EAJ35	100
DIN Rail — Heavy Duty	1492-EAHJ35	50
Other Accessories: Group Marking Carrier	1492-GM35	25
Marking Systems: Snap-in Marker Card	1492-MS6X12 (80/card)	5
Individual Marker Tabs (single char.)	1492-MP∗ (10/stick)	10

∗ Cat. no. is incomplete. See pages 12-152 and 12-153.

	1492-JKD3			1492-JKD3TP			1492-H7		
Dimensions are not intended to be used for manufacturing purposes. **Note:** Height dimension is measured from top of rail to top of terminal block.									
Specifications	*Knife Disconnect Feed-Through Terminal Block*			*Knife Disconnect Feed-Through Terminal Block with test plug socket*			*Handle-Style Isolating Terminal Block.*		
Certifications	cULus	CSA	IEC	cULus	CSA	IEC	cULus	CSA	IEC
Voltage Rating	600V AC/DC		500V AC/DC	600V AC/DC		500V AC/DC	300V AC/DC	300V AC/DC	500V AC/DC
Maximum Current	20 A		24 A	20 A		24 A	15 A		15 A
Wire Range (Rated Cross Section)	30…12 AWG		2.5 mm²	30…12 AWG		2.5 mm²	#30…#12 AWG		0.05…4.0 mm²
Fuse Size (Dummy Fuse Supplied)	—			—			1/4 in x 1-1/4 in		
Wire Strip Length	0.39 in (10 mm)			0.39 in (10 mm)			0.38 in (9.7 mm)		
Recommended Tightening Torque	3.5…7.1 lb•in (0.4…0.8 Nm)			4.4…5.3 lb•in (0.5…0.6 Nm)			3…7 lb•in (0.3…0.8 Nm)		
Density (Blocks per ft/meter)	49 per ft/163 per meter			49 per ft/163 per meter			33 pcs/ft (109/m)		
Housing Temperature Range	–58…+248 °F (–50…+120 °C)			–58…+248 °F (–50…+120 °C)			–40…+221 °F (–40…+105 °C)		
Terminal Blocks	**Cat. No.**		**Pcs/ Pkg**	**Cat. No.**		**Pcs/ Pkg**	**Cat. No.**		**Pcs/ Pkg**
Color: Gray	1492-JKD3		50	1492-JKD3TP		50	—		—
Black	—		—	—		—	1492-H7		25
Accessories	**Cat. No.**		**Pcs/ Pkg**	**Cat. No.**		**Pcs/ Pkg**	**Cat. No.**		**Pcs/ Pkg**
Mounting Rails: 3 ft Scored A-B Rail	—		—	—		—	1492-N1		20
3 ft Rigid A-B Rail	—		—	—		—	1492-N22		20
3 ft Rigid Rise A-B Rail	—		—	—		—	1492-N44		2
Standoff Brackets (use every 12 in)	—		—	—		—	1492-N25		2
1 m Symmetrical DIN (Steel)	199-DR1		10	199-DR1		10	199-DR1		10
1 m Symmetrical DIN (Aluminum)	1492-DR5		10	1492-DR5		10	1492-DR5		10
1 m Hi-Rise Sym. DIN (Aluminum)	1492-DR6		2	1492-DR6		2	1492-DR6		2
1 m Angled Hi-Rise Sym. DIN (Steel)	1492-DR7		2	1492-DR7		2	1492-DR7		2
End Barriers	1492-EBJ3		50	1492-EBJ3		50	1492-N37		50
End Anchors and Retainers: A-B Rail — Heavy Duty	—		—	—		—	1492-N23		10
A-B Rail — Normal Duty	—		—	—		—	1492-N47		50
Screwless End Retainer	1492-ERL35		20	1492-ERL35		20	1492-ERL35		20
DIN Rail — Normal Duty	1492-EAJ35		100	1492-EAJ35		100	1492-EAJ35		100
DIN Rail — Heavy Duty	1492-EAHJ35		50	1492-EAHJ35		50	1492-EAHJ35		50
Jumpers: Screw Center Jumper — 50 Pole	1492-CJLJ5-50		10	1492-CJLJ5-50		10	—		—
Screw Center Jumper — 10 Pole	1492-CJLJ5-10		20	1492-CJLJ5-10		20	—		—
Screw Center Jumper — 9 Pole	1492-CJLJ5-9		20	1492-CJLJ5-9		20	—		—
Screw Center Jumper — 8 Pole	1492-CJLJ5-8		20	1492-CJLJ5-8		20	—		—
Screw Center Jumper — 7 Pole	1492-CJLJ5-7		20	1492-CJLJ5-7		20	—		—
Screw Center Jumper — 6 Pole	1492-CJLJ5-6		20	1492-CJLJ5-6		20	—		—
Screw Center Jumper — 5 Pole	1492-CJLJ5-5		20	1492-CJLJ5-5		20	—		—
Screw Center Jumper — 4 Pole	1492-CJLJ5-4		60	1492-CJLJ5-4		60	—		—
Screw Center Jumper — 3 Pole	1492-CJLJ5-3		60	1492-CJLJ5-3		60	—		—
Screw Center Jumper — 2 Pole	1492-CJLJ5-2		60	1492-CJLJ5-2		60	—		—
Insulated Side Jumper — 24 Pole	1492-SJ5B-24		50	1492-SJ5B-24		50	—		—
Insulated Side Jumper — 10 Pole	1492-SJ5B-10		50	1492-SJ5B-10		50	—		—
Uninsulated Side Jumper — 10 Pole	—		—	—		—	1492-N49		10
Side Jumper — Insulating Sleeve	—		—	—		—	1492-SJS		10
Screw Type Jumper Notching Tool	1492-T1		1	1492-T1		1	—		—
Other Accessories: Partition Plate	1492-EBJ16		20	1492-EBJ16		20	—		—
Test Plug	—		—	1492-TP23		20	—		—
Group Marking Carrier	1492-GM35		25	1492-GM35		25	1492-GM35		25
Marking Systems: Snap-in marker cards	1492-M5X12 (144/card)		5	1492-M5X12 (144/card)		5	1492-MS8X12 (56/card)		5
Snap-in marker cards	1492-M5X5 (200/card)		5	1492-M5X5 (200/card)		5	1492-MS8X9 (56/card)		5
Adhesive Labels	—		—	—		—	1492-ALHFB (50/sheet)		1

Screw Connection Terminal Blocks

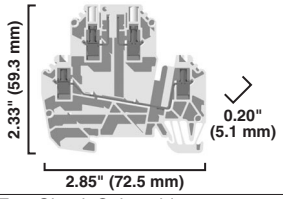
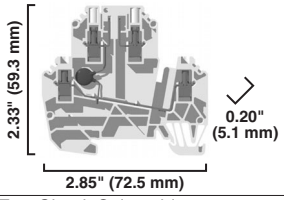
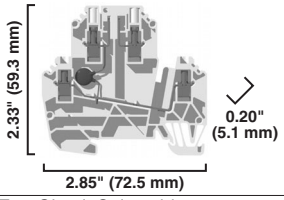
Plug-In Style Terminal Blocks

	1492-J3P	1492-J3PTP	1492-JD3P
Dimensions are not intended to be used for manufacturing purposes. **Note:** Height dimension is measured from top of rail to top of terminal block.			
Specifications	*Selectable component plug-in Terminal Block*	*Selectable component plug-in Terminal Block with test plug socket*	*Two Circuit selectable component plug-in Terminal Block*
Certifications	cULus / CSA / IEC	cULus / CSA / IEC	cULus / CSA / IEC
Voltage Rating	600V AC/DC / 500V AC/DC	600V AC/DC / 500V AC/DC	300V AC/DC / 500V AC/DC
Maximum Current	20 A / 24 A	20 A / 24 A	15 A / 24 A
Wire Range (Rated Cross Section)	30… 12 AWG / 2.5 mm²	30… 12 AWG / 2.5 mm²	26… 12 AWG / 2.5 mm²
Wire Strip Length	0.39 in (10 mm)	0.39 in (10 mm)	0.31 in (8 mm)
Recommended Tightening Torque	3.5…7.1 lb•in (0.4…0.8 Nm)	4.4…5.3 lb•in (0.5…0.6 Nm)	4.4…5.3 lb•in (0.5…0.6 Nm)
Density (Blocks per ft/meter)	59 per ft/196 per meter	59 per ft/196 per meter	59 per ft/196 per meter
Housing Temperature Range	–58…+248 °F (–50…+120 °C)	–58…+248 °F (–50…+120 °C)	–58…+248 °F (–50…+120 °C)

Terminal Blocks	**Cat. No.**	**Pcs/ Pkg**	**Cat. No.**	**Pcs/ Pkg**	**Cat. No.**	**Pcs/ Pkg**
Color: Gray	1492-J3P	50	1492-J3PTP	50	1492-JD3P	50
Red	1492-J3P-RE	50	—	—	—	—
Accessories	**Cat. No.**	**Pcs/ Pkg**	**Cat. No.**	**Pcs/ Pkg**	**Cat. No.**	**Pcs/ Pkg**
Mounting Rails: 1 m Symmetrical DIN (Steel)	199-DR1	10	199-DR1	10	199-DR1	10
1 m Symmetrical DIN (Aluminum)	1492-DR5	10	1492-DR5	10	1492-DR5	10
1 m Hi-Rise Sym. DIN (Aluminum)	1492-DR6	2	1492-DR6	2	1492-DR6	2
1 m Angled Hi-Rise Sym. DIN (Steel)	1492-DR7	2	1492-DR7	2	1492-DR7	2
End Barriers	1492-EBJ3	50	1492-EBJ3	50	1492-EBJD3P	20
End Anchors and Retainers: Screwless End Retainer	1492-ERL35	20	1492-ERL35	20	1492-ERL35	20
DIN Rail — Normal Duty	1492-EAJ35	100	1492-EAJ35	100	1492-EAJ35	100
DIN Rail — Heavy Duty	1492-EAHJ35	50	1492-EAHJ35	50	1492-EAHJ35	50
Jumpers∗ †: Center Jumper — 50 Pole	1492-CJLJ5-50	10	1492-CJLJ5-50	10	—	—
Center Jumper — 10 Pole	1492-CJLJ5-10	20	1492-CJLJ5-10	20	1492-CJJ5-10	20
Center Jumper — 9 Pole	1492-CJLJ5-9	20	1492-CJLJ5-9	20	—	—
Center Jumper — 8 Pole	1492-CJLJ5-8	20	1492-CJLJ5-8	20	—	—
Center Jumper — 7 Pole	1492-CJLJ5-7	20	1492-CJLJ5-7	20	—	—
Center Jumper — 6 Pole	1492-CJLJ5-6	20	1492-CJLJ5-6	20	—	—
Center Jumper — 5 Pole	1492-CJLJ5-5	20	1492-CJLJ5-5	20	—	—
Center Jumper — 4 Pole	1492-CJLJ5-4	60	1492-CJLJ5-4	60	1492-CJJ5-4	50
Center Jumper — 3 Pole	1492-CJLJ5-3	60	1492-CJLJ5-3	60	1492-CJJ5-3	50
Center Jumper — 2 Pole	1492-CJLJ5-2	60	1492-CJLJ5-2	60	1492-CJJ5-2	50
Screw Type Jumper Notching Tool	—	—	—	—	1492-T1	1
Other Accessories: Partition Plate	1492-EBJ16	20	1492-EBJ16	20	1492-PPJD3P	20
Test Plug	—	—	1492-TP23	20	—	—
Disconnect Plug	1492-DPL	50	1492-DPL	50	1492-DPL	50
Component Plug	1492-CPL	50	1492-CPL	50	1492-CPL	50
Fuse Plug Without Blown Fuse Indicator	1492-FPK2	20	1492-FPK2	20	1492-FPK2	20
10…36V Blown Fuse Indicator	1492-FPK224	20	1492-FPK224	20	1492-FPK224	20
35…70V Blown Fuse Indicator	1492-FPK248	20	1492-FPK248	20	1492-FPK248	20
60…150V Blown Fuse Indicator	1492-FPK2120	20	1492-FPK2120	20	1492-FPK2120	20
140…250V Blown Fuse Indicator	1492-FPK2250	20	1492-FPK2250	20	1492-FPK2250	20
Group Marking Carrier	1492-GM35	25	1492-GM35	25	1492-GM35	25
Marking Systems: Snap-in marker cards	1492-M5X12 (144/card)	5	1492-M5X12 (144/card)	5	1492-SM5X10 (144/card)	5
Snap-in marker cards	1492-M5X5 (200/card)	5	1492-M5X5 (200/card)	5	1492-M5X5 (200/card)	5

∗ Cat. nos. 1492-J3P and J3PTP use screwless center jumpers. Cat. No. 1492-JD3P uses a screw-type center jumper.

† Use of Center Jumpers may affect spacings, requiring derating of terminal blocks. See page 12-148.

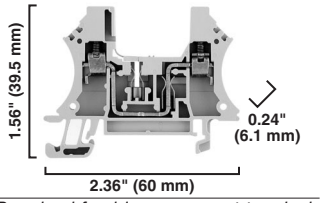
	1492-JD3PTP	1492-JD3PSS	1492-JD3PSSTP
Dimensions are not intended to be used for manufacturing purposes. **Note:** Height dimension is measured from top of rail to top of terminal block.			
Specifications	*Two Circuit Selectable component plug-in Terminal Block with test plug socket*	*Two Circuit Selectable component plug-in Terminal Block with internal surge suppressor*	*Two Circuit Selectable component plug-in Terminal Block with internal surge suppressor and test plug socket*
Certifications	cULus / CSA / IEC	cULus / CSA / IEC	cULus / CSA / IEC
Voltage Rating	300V AC/DC / 500V AC/DC	300V AC/DC / 500V AC/DC	300V AC/DC / 500V AC/DC
Maximum Current	15 A / 24 A	15 A / 24 A	15 A / 24 A
Wire Range (Rated Cross Section)	26…12 AWG / 2.5 mm²	26…12 AWG / 2.5 mm²	26…12 AWG / 2.5 mm²
Wire Strip Length	0.31 in (8 mm)	0.31 in (8 mm)	0.31 in (8 mm)
Recommended Tightening Torque	4.4…5.3 lb•in (0.5…0.6 Nm)	4.4…5.3 lb•in (0.5…0.6 Nm)	4.4…5.3 lb•in (0.5…0.6 Nm)
Density (Blocks per ft/meter)	59 per ft/196 per meter	59 per ft/196 per meter	59 per ft/196 per meter
Housing Temperature Range	–58…+248 °F (–50…+120 °C)	–58…+248 °F (–50…+120 °C)	–58…+248 °F (–50…+120 °C)
Terminal Blocks	**Cat. No.** / **Pcs/ Pkg**	**Cat. No.** / **Pcs/ Pkg**	**Cat. No.** / **Pcs/ Pkg**
Color: Gray	1492-JD3PTP / 50	1492-JD3PSS / 50	1492-JD3PSSTP / 50
Accessories	**Cat. No.** / **Pcs/ Pkg**	**Cat. No.** / **Pcs/ Pkg**	**Cat. No.** / **Pcs/ Pkg**
Mounting Rails: 1 m Symmetrical DIN (Steel)	199-DR1 / 10	199-DR1 / 10	199-DR1 / 10
1 m Symmetrical DIN (Aluminum)	1492-DR5 / 10	1492-DR5 / 10	1492-DR5 / 10
1 m Hi-Rise Sym. DIN (Aluminum)	1492-DR6 / 2	1492-DR6 / 2	1492-DR6 / 2
1 m Angled Hi-Rise Sym. DIN (Steel)	1492-DR7 / 2	1492-DR7 / 2	1492-DR7 / 2
End Barriers	1492-EBJD3P / 20	1492-EBJD3P / 20	1492-EBJD3P / 20
End Anchors and Retainers: Screwless End Retainer	1492-ERL35 / 20	1492-ERL35 / 20	1492-ERL35 / 20
DIN Rail — Normal Duty	1492-EAJ35 / 100	1492-EAJ35 / 100	1492-EAJ35 / 100
DIN Rail — Heavy Duty	1492-EAHJ35 / 50	1492-EAHJ35 / 50	1492-EAHJ35 / 50
Jumpers: Screw Center Jumper — 10 Pole	1492-CJJ5-10 / 20	1492-CJJ5-10 / 20	1492-CJJ5-10 / 20
Screw Center Jumper — 4 Pole	1492-CJJ5-4 / 50	1492-CJJ5-4 / 50	1492-CJJ5-4 / 50
Screw Center Jumper — 3 Pole	1492-CJJ5-3 / 50	1492-CJJ5-3 / 50	1492-CJJ5-3 / 50
Screw Center Jumper — 2 Pole	1492-CJJ5-2 / 50	1492-CJJ5-2 / 50	1492-CJJ5-2 / 50
Screw Type Jumper Notching Tool	1492-T1 / 1	1492-T1 / 1	1492-T1 / 1
Other Accessories: Partition Plate	1492-PPJD3P / 20	1492-PPJD3P / 20	1492-PPJD3P / 20
Test Plug	1492-TP23 / 20	— / —	1492-TP23 / 20
Disconnect Plug	1492-DPL / 50	1492-DPL / 50	1492-DPL / 50
Component Plug	1492-CPL / 50	1492-CPL / 50	1492-CPL / 50
Fuse Plug Without Blown Fuse Indicator	1492-FPK2 / 20	1492-FPK2 / 20	1492-FPK2 / 20
10…36V Blown Fuse Indicator	1492-FPK224 / 20	1492-FPK224 / 20	1492-FPK224 / 20
35…70V Blown Fuse Indicator	1492-FPK248 / 20	1492-FPK248 / 20	1492-FPK248 / 20
60…150V Blown Fuse Indicator	1492-FPK2120 / 20	1492-FPK2120 / 20	1492-FPK2120 / 20
140…250V Blown Fuse Indicator	1492-FPK2250 / 20	1492-FPK2250 / 20	1492-FPK2250 / 20
Group Marking Carrier	1492-GM35 / 25	1492-GM35 / 25	1492-GM35 / 25
Marking Systems: Snap-in marker cards	1492-SM5X10 (144/card) / 5	1492-SM5X10 (144/card) / 5	1492-SM5X10 (144/card) / 5
Snap-in marker cards	1492-M5X5 (200/card) / 5	1492-M5X5 (200/card) / 5	1492-M5X5 (200/card) / 5

Screw Connection Terminal Blocks

Plug-In Style Terminal Blocks, Continued

1492-JPO

Dimensions are not intended to be used for manufacturing purposes.
Note: Height dimension is measured from top of rail to top of terminal block.

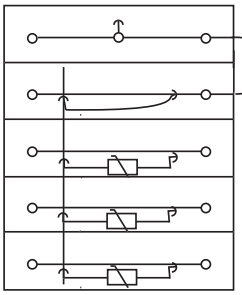


Specifications	*Bare lead feed-in component terminal block with busbar connection capability*		
Certifications		**CSA**	**IEC**
Voltage Rating	300V AC/DC		250V AC/DC
Maximum Current	10 A		32 A
Wire Range (Rated Cross Section)	26…12 AWG		4 mm²
Wire Strip Length	0.35 in (9 mm)		
Recommended Tightening Torque	4.4…8.8 lb•in (0.5…1.0 Nm)		
Density (Blocks per ft/meter)	49 per ft/163 per meter		
Housing Temperature Range	–58…+248 °F (–50…+120 °C)		

Terminal Blocks	**Cat. No.**	**Pcs/ Pkg**
Color: Gray	1492-JPO	50

Accessories	**Cat. No.**	**Pcs/ Pkg**
Mounting Rails: 1 m Symmetrical DIN (Steel)	199-DR1	10
1 m Symmetrical DIN (Aluminum)	1492-DR5	10
1 m Hi-Rise Sym. DIN (Aluminum)	1492-DR6	2
1 m Angled Hi-Rise Sym. DIN (Steel)	1492-DR7	2
End Barriers	1492-EBJO	20
End Anchors and Retainers: Screwless End Retainer	1492-ERL35	20
DIN Rail — Normal Duty	1492-EAJ35	100
DIN Rail — Heavy Duty	1492-EAHJ35	50
Busbar — 1 m	1492-BBPO-1M	5
Other Accessories: Partition Plate	1492-EBJ16	20
Group Marking Carrier	1492-GM35	25
Marking Systems: Snap-in marker cards	1492-M6X12 (120/card)	5
Snap-in marker cards	1492-M6X5 (200/card)	5

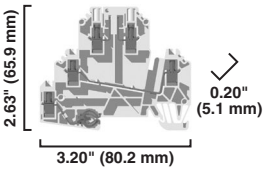
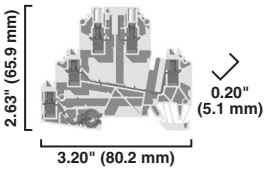
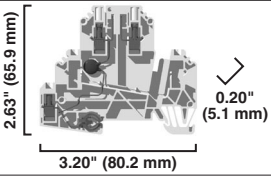
Typical Application



1492-BBPO-1M commons
1492-JPO terminals together

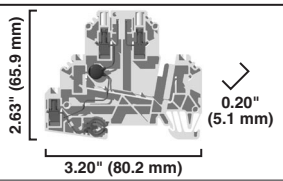
Screw Connection Terminal Blocks

Double Level Plug-in Style Blocks with Ground

	1492-JDG3P			1492-JDG3PTP			1492-JDG3PSS		
Dimensions are not intended to be used for manufacturing purposes. **Note:** Height dimension is measured from top of rail to top of terminal block.									
Specifications	*Two Circuit Block with Ground Connection*			*Two Circuit Block with Test Plug Socket and Ground Connection*			*Single Circuit Block with MOV to Ground*		
Certifications	cULus	CSA	IEC	cULus	CSA	IEC	cULus	CSA	IEC
Voltage Rating	300V AC/DC		500V AC/DC	300V AC/DC		500V AC/DC	300V AC/DC		500V AC/DC
Maximum Current	15 A		24 A	15 A		24 A	15 A		24 A
Wire Range (Rated Cross Section)	26…12 AWG		2.5 mm²	26…12 AWG		2.5 mm²	26…12 AWG		2.5 mm²
Wire Strip Length	0.31 in (8 mm)			0.31 in (8 mm)			0.31 in (8 mm)		
Recommended Tightening Torque	4.4…5.3 lb•in (0.5…0.6 Nm)			4.4…5.3 lb•in (0.5…0.6 Nm)			4.4…5.3 lb•in (0.5…0.6 Nm)		
Density (Blocks per ft/meter)	59 per ft/196 per meter			59 per ft/196 per meter			59 per ft/196 per meter		
Housing Temperature Range	–58…+248 °F (–50…+120 °C)			–58…+248 °F (–50…+120 °C)			–58…+248 °F (–50…+120 °C)		
Terminal Blocks	**Cat. No.**		**Pcs/ Pkg**	**Cat. No.**		**Pcs/ Pkg**	**Cat. No.**		**Pcs/ Pkg**
Color: Gray	1492-JDG3P		50	1492-JDG3PTP		50	1492-JDG3PSS		50
Accessories	**Cat. No.**		**Pcs/ Pkg**	**Cat. No.**		**Pcs/ Pkg**	**Cat. No.**		**Pcs/ Pkg**
Mounting Rails: 1 m Symmetrical DIN (Steel)	199-DR1		10	199-DR1		10	199-DR1		10
1 m Symmetrical DIN (Aluminum)	1492-DR5		10	1492-DR5		10	1492-DR5		10
1 m Hi-Rise Sym. DIN (Aluminum)	1492-DR6		2	1492-DR6		2	1492-DR6		2
1 m Angled Hi-Rise Sym. DIN (Steel)	1492-DR7		2	1492-DR7		2	1492-DR7		2
End Barriers	1492-EBJD3P		20	1492-EBJD3P		20	1492-EBJD3P		20
End Anchors and Retainers: Screwless End Retainer	1492-ERL35		20	1492-ERL35		20	1492-ERL35		20
DIN Rail — Normal Duty	1492-EAJ35		100	1492-EAJ35		100	1492-EAJ35		100
DIN Rail — Heavy Duty	1492-EAHJ35		50	1492-EAHJ35		50	1492-EAHJ35		50
Jumpers: Screw Center Jumper — 10 Pole	1492-CJJ5-10		20	1492-CJJ5-10		20	1492-CJJ5-10		20
Screw Center Jumper — 4 Pole	1492-CJJ5-4		50	1492-CJJ5-4		50	1492-CJJ5-4		50
Screw Center Jumper — 3 Pole	1492-CJJ5-3		50	1492-CJJ5-3		50	1492-CJJ5-3		50
Screw Center Jumper — 2 Pole	1492-CJJ5-2		50	1492-CJJ5-2		50	1492-CJJ5-2		50
Screw Type Jumper Notching Tool	1492-T1		1	1492-T1		1	1492-T1		1
Other Accessories: Partition Plate	1492-PPJD3P		20	1492-PPJD3P		20	1492-PPJD3P		20
Test Plug	—		—	1492-TP23		20	—		—
Disconnect Plug	1492-DPL		50	1492-DPL		50	1492-DPL		50
Component Plug	1492-CPL		50	1492-CPL		50	1492-CPL		50
Fuse Plug Without Blown Fuse Indicator	1492-FPK2		20	1492-FPK2		20	1492-FPK2		20
10…36V Blown Fuse Indicator	1492-FPK224		20	1492-FPK224		20	1492-FPK224		20
35…70V Blown Fuse Indicator	1492-FPK248		20	1492-FPK248		20	1492-FPK248		20
60…150V Blown Fuse Indicator	1492-FPK2120		20	1492-FPK2120		20	1492-FPK2120		20
140…250V Blown Fuse Indicator	1492-FPK2250		20	1492-FPK2250		20	1492-FPK2250		20
Group Marking Carrier	1492-GM35		25	1492-GM35		25	1492-GM35		25
Marking Systems: Snap-in marker cards	1492-SM5X10 (144/card)		5	1492-SM5X10 (144/card)		5	1492-SM5X10 (144/card)		5
Snap-in marker cards	1492-M5X5 (200/card)		5	1492-M5X5 (200/card)		5	1492-M5X5 (200/card)		5

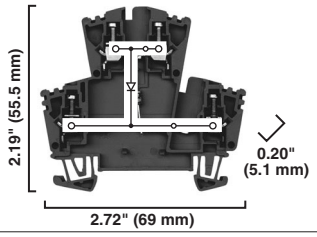
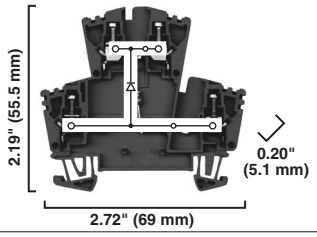
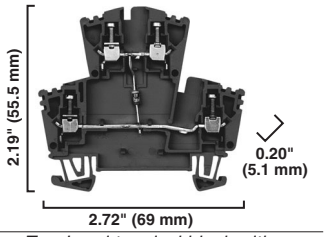
Screw Connection Terminal Blocks

Double Level Plug-in Style Blocks with Ground, Continued

	1492-JDG3PSSTP		
Dimensions are not intended to be used for manufacturing purposes. **Note:** Height dimension is measured from top of rail to top of terminal block.			
Specifications	*Single Circuit Block with MOV to Ground and Test Plug Socket*		
Certifications		**CSA**	**IEC**
Voltage Rating	300V AC/DC		500V AC/DC
Maximum Current	15 A		24 A
Wire Range (Rated Cross Section)	26…12 AWG		2.5 mm²
Wire Strip Length	0.31 in (8 mm)		
Recommended Tightening Torque	4.4…5.3 lb•in (0.5…0.6 Nm)		
Density (Blocks per ft/meter)	59 per ft/196 per meter		
Housing Temperature Range	–58…+248 °F (–50…+120 °C)		

Terminal Blocks	**Cat. No.**	**Pcs/ Pkg**
Color: Gray	1492-JDG3PSSTP	50

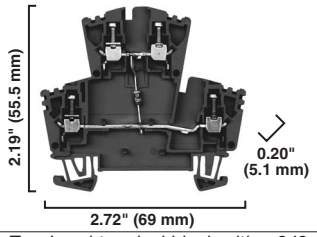
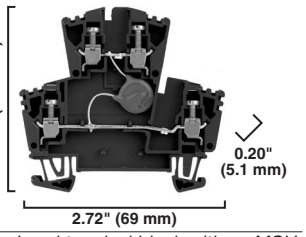
Accessories	**Cat. No.**	**Pcs/ Pkg**
Mounting Rails: 1 m Symmetrical DIN (Steel)	199-DR1	10
1 m Symmetrical DIN (Aluminum)	1492-DR5	10
1 m Hi-Rise Sym. DIN (Aluminum)	1492-DR6	2
1 m Angled Hi-Rise Sym. DIN (Steel)	1492-DR7	2
End Barriers	1492-EBJD3P	20
End Anchors and Retainers: Screwless End Retainer	1492-ERL35	20
DIN Rail — Normal Duty	1492-EAJ35	100
DIN Rail — Heavy Duty	1492-EAHJ35	50
Jumpers: Screw Center Jumper — 10 Pole	1492-CJJ5-10	20
Screw Center Jumper — 4 Pole	1492-CJJ5-4	50
Screw Center Jumper — 3 Pole	1492-CJJ5-3	50
Screw Center Jumper — 2 Pole	1492-CJJ5-2	50
Screw Type Jumper Notching Tool	1492-T1	1
Other Accessories: Partition Plate	1492-PPJD3P	20
Test Plug	1492-TP23	20
Disconnect Plug	1492-DPL	50
Component Plug	1492-CPL	50
Fuse Plug Without Blown Fuse Indicator	1492-FPK2	20
10…36V Blown Fuse Indicator	1492-FPK224	20
35…70V Blown Fuse Indicator	1492-FPK248	20
60…150V Blown Fuse Indicator	1492-FPK2120	20
140…250V Blown Fuse Indicator	1492-FPK2250	20
Group Marking Carrier	1492-GM35	25
Marking Systems: Snap-in marker cards	1492-SM5X10 (144/card)	5
Snap-in marker cards	1492-M5X5 (200/card)	5

	1492-JD3DF*	1492-JD3DR*	1492-JD3RB...*
Dimensions are not intended to be used for manufacturing purposes. **Note:** Height dimension is measured from top of rail to top of terminal block.			
Specifications	*Two Level terminal block with a diode in forward bias between the 2 levels.*	*Two Level terminal block with a diode in reverse bias between the 2 levels.*	*Two Level terminal block with a selectable resistor value between the 2 levels.*
Certifications	cULus, CSA, IEC	cULus, CSA, IEC	cULus, CSA, IEC
Voltage Rating	380V AC/DC	380V AC/DC	300V AC/DC; 400V AC/DC
Diode Reverse Voltage Rating	1000V	1000V	N/A
Diode Current*	1 A	1 A	—
Resistor Type	—	—	Metal Oxide Film
Resistor Value	—	—	10…47.5 Ω, 1/4 W
Current through Busbar	10 A	10 A	10 A
Wire Range (Rated Cross Section)	30…12 AWG; 2.5 mm²	30…12 AWG; 2.5 mm²	30…12 AWG; 4 mm²
Wire Strip Length	0.39 in (10 mm)	0.39 in (10 mm)	0.39 in (10 mm)
Recommended Tightening Torque	4.4…8.8 lb•in (0.5…1.0 Nm)	4.4…8.8 lb•in (0.5…1.0 Nm)	4.4…8.8 lb•in (0.5…1.0 Nm)
Density (Blocks per ft/meter)	59 per ft/196 per meter	59 per ft/196 per meter	59 per ft/196 per meter
Housing Temperature Range	–58…+248 °F (–50…+120 °C)	–58…+248 °F (–50…+120 °C)	–58…+248 °F (–50…+120 °C)
Terminal Blocks	**Cat. No.** / **Pcs/ Pkg**	**Cat. No.** / **Pcs/ Pkg**	**Cat. No.** / **Pcs/ Pkg**
Color: Black	1492-JD3DF / 1	1492-JD3DR / 1	1492-JD3RB† / 1
Accessories	**Cat. No.** / **Pcs/ Pkg**	**Cat. No.** / **Pcs/ Pkg**	**Cat. No.** / **Pcs/ Pkg**
Mounting Rails: 1 m Symmetrical DIN (Steel)	199-DR1 / 10	199-DR1 / 10	199-DR1 / 10
1 m Symmetrical DIN (Aluminum)	1492-DR5 / 10	1492-DR5 / 10	1492-DR5 / 10
1 m Hi-Rise Sym. DIN (Aluminum)	1492-DR6 / 2	1492-DR6 / 2	1492-DR6 / 2
1 m Angled Hi-Rise Sym. DIN (Steel)	1492-DR7 / 2	1492-DR7 / 2	1492-DR7 / 2
End Barrier	1492-EBJD3 / 20	1492-EBJD3 / 20	1492-EBJD3 / 20
End Anchors: Screwless End Retainer	1492-ERL35 / 20	1492-ERL35 / 20	1492-ERL35 / 20
DIN Rail — Normal Duty	1492-EAJ35 / 100	1492-EAJ35 / 100	1492-EAJ35 / 100
DIN Rail — Heavy Duty	1492-EAHJ35 / 50	1492-EAHJ35 / 50	1492-EAHJ35 / 50
Jumpers: Screw Center Jumper — 10 pole	1492-CJJ5-10 / 20	1492-CJJ5-10 / 20	1492-CJJ5-10 / 20
Screw Center Jumper — 4 pole	1492-CJJ5-4 / 50	1492-CJJ5-4 / 50	1492-CJJ5-4 / 50
Screw Center Jumper — 3 pole	1492-CJJ5-3 / 50	1492-CJJ5-3 / 50	1492-CJJ5-3 / 50
Screw Center Jumper — 2 pole	1492-CJJ5-2 / 50	1492-CJJ5-2 / 50	1492-CJJ5-2 / 50
Insulated Side Jumper — 24 Pole	1492-SJ5A-24 / 50	1492-SJ5A-24 / 50	1492-SJ5A-24 / 50
Insulated Side Jumper — 10 Pole	1492-SJ5A-10 / 50	1492-SJ5A-10 / 50	1492-SJ5A-10 / 50
Screw Type Jumper Notching Tool	1492-T1 / 1	1492-T1 / 1	1492-T1 / 1
Other Accessories: Partition Plate	1492-PPJD3 / 20	1492-PPJD3 / 20	1492-PPJD3 / 20
Group Marking Carrier	1492-GM35 / 25	1492-GM35 / 25	1492-GM35 / 25
Marking Systems: Snap-in marker card	1492-M5X8 (144/card) / 5	1492-M5X8 (144/card) / 5	1492-M5X8 (144/card) / 5
Snap-in marker card	1492-M5X5 (200/card) / 5	1492-M5X5 (200/card) / 5	1492-M5X5 (200/card) / 5

* See page 12-155 for component specifications.
† Cat. no. is incomplete. To complete the cat. no, see page 12-157 for resistor values.

Screw Connection Terminal Blocks

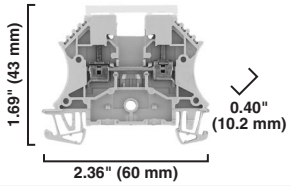
Internal Component Blocks (Diode, Resistor, Surge Suppressor), Continued

	1492-JD3RC001*			1492-JD3SS†		
Dimensions are not intended to be used for manufacturing purposes. **Note:** Height dimension is measured from top of rail to top of terminal block.						
Specifications	*Two Level terminal block with a 249 ohm resistor between the 2 levels*			*Two Level terminal block with an MOV between the 2 levels.*		
Certifications	cULus	CSA	IEC	cULus	CSA	IEC
Voltage Rating	300V AC/DC		400V AC/DC	120V AC/DC		
Resistor Type	Precision Wire Wound			—		
Resistor Value	249 Ω, 1/2 W			—		
Current through Bussbar	10 A			10 A		
Wire Range (Rated Cross Section)	30…12 AWG		2.5 mm²	30…12 AWG		2.5 mm²
Wire Strip Length	0.39 in (10 mm)			0.39 in (10 mm)		
Recommended Tightening Torque	3.5…5.3 lb•in (0.4…6.0 Nm)			3.5…5.3 lb•in (0.4…6.0 Nm)		
Density (Blocks per ft/meter)	59 per ft/196 per meter			59 per ft/196 per meter		
Housing Temperature Range	–58…+248 °F (–50…+120 °C)			–58…+248 °F (–50…+120 °C)		
Terminal Blocks	**Cat. No.**		**Pcs/ Pkg**	**Cat. No.**		**Pcs/ Pkg**
Color: Gray	1492-JD3RC001		1	1492-JD3SS		1
Accessories	**Cat. No.**		**Pcs/ Pkg**	**Cat. No.**		**Pcs/ Pkg**
Mounting Rails: 1 m Symmetrical DIN (Steel)	199-DR1		10	199-DR1		10
1 m Symmetrical DIN (Aluminum)	1492-DR5		10	1492-DR5		10
1 m Hi-Rise Sym. DIN (Aluminum)	1492-DR6		2	1492-DR6		2
1 m Angled Hi-Rise Sym. DIN (Steel)	1492-DR7		2	1492-DR7		2
End Barrier	1492-EBJD3		20	1492-EBJD3		20
End Anchors: Screwless End Retainer	1492-ERL35		20	1492-ERL35		20
DIN Rail — Normal Duty	1492-EAJ35		100	1492-EAJ35		100
DIN Rail — Heavy Duty	1492-EAHJ35		50	1492-EAHJ35		50
Jumpers: Screw Center Jumper — 10 pole	1492-CJJ5-10		20	1492-CJJ5-10		20
Screw Center Jumper — 4 pole	1492-CJJ5-4		50	1492-CJJ5-4		50
Screw Center Jumper — 3 pole	1492-CJJ5-3		50	1492-CJJ5-3		50
Screw Center Jumper — 2 pole	1492-CJJ5-2		50	1492-CJJ5-2		50
Insulated Side Jumper — 24 Pole	1492-SJ5A-24		50	1492-SJ5A-24		50
Insulated Side Jumper — 10 Pole	1492-SJ5A-10		50	1492-SJ5A-10		50
Screw Type Jumper Notching Tool	1492-T1		1	1492-T1		1
Other Accessories: Partition Plate	1492-PPJD3		20	1492-PPJD3		20
Group Marking Carrier	1492-GM35		25	1492-GM35		25
Marking Systems: Snap-in marker card	1492-M5X8 (144/card)		5	1492-M5X8 (144/card)		5
Snap-in marker card	1492-M5X5 (200/card)		5	1492-M5X5 (200/card)		5

* See page 12-155 for component specifications.
† See page 12-157 for component specifications.

1492-JTC3...

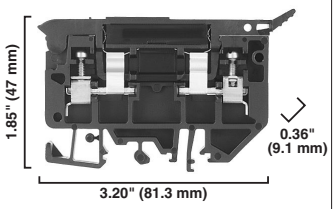
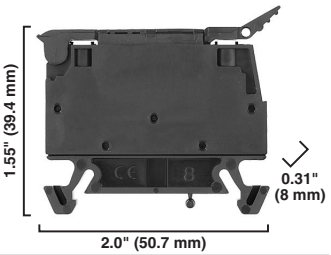
Dimensions are not intended to be used for manufacturing purposes.
Note: Height dimension is measured from top of rail to top of terminal block.



Specifications	*Two circuit Terminal block with current bars made of thermocouple material*	
Certifications	**IEC**	
Wire Range (Rated Cross Section)	30…12 AWG 2.5 mm²	
Wire Strip Length	0.39 in (10 mm)	
Recommended Tightening Torque	3.5…5.3 lb•in (0.4…0.6 Nm)	
Density (Blocks per ft/meter)	29 per ft/98 per meter	
Housing Temperature Range	–458…+248 °F (–50…+120 °C)	
Terminal Blocks	**Cat. No.**	**Pcs/ Pkg**
Color/Type/Material Gray/Type B/1 S-Copper, 1 E-Copper	1492-JTC3B	50
Gray/Type E/1 Chromel, 1 Constantan	1492-JTC3E	50
Gray/Type J/1 Iron, 1 Constantan	1492-JTC3J	50
Gray/Type K/1 Chromel, 1 Alumel	1492-JTC3K	50
Gray/Type N/1 Ni-Cr-Si, 1 Ni-Si-Mg	1492-JTC3N	50
Gray/Type S/1 E-Copper, 1 A-Copper	1492-JTC3S	50
Gray/Type T/1 E-Copper, 1 Constantan	1492-JTC3T	50
Accessories	**Cat. No.**	**Pcs/ Pkg**
Mounting Rails: 1 m Symmetrical DIN (Steel)	199-DR1	10
1 m Symmetrical DIN (Aluminum)	1492-DR5	10
1 m Hi-Rise Sym. DIN (Aluminum)	1492-DR6	2
1 m Angled Hi-Rise Sym. DIN (Steel)	1492-DR7	2
End Barrier	1492-EBJ3	50
End Anchors and Retainers: Screwless End Retainer	1492-ERL35	20
DIN Rail — Normal Duty	1492-EAJ35	100
DIN Rail — Heavy Duty	1492-EAHJ35	50
Other Accessories: Partition Plate	1492-EBJ16	20
Group Marking Carrier	1492-GM35	25
Marking Systems: Snap-in marker cards	1492-M5X12 (144/card)	5
Individual Marker Tabs (Single Char.)	1492-M5X5 (200/card)	5

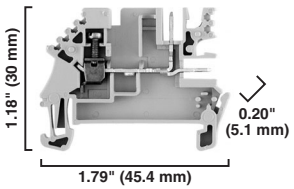
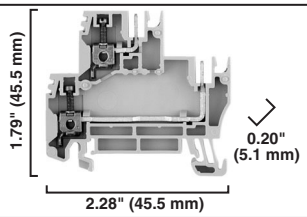
Screw Connection Terminal Blocks

Fuse Blocks

	1492-H...			1492-WFB4...		
Dimensions are not intended to be used for manufacturing purposes. **Note:** Height dimension is measured from top of rail to top of terminal block.						
Specifications	*Single-circuit fusible terminal block with or without fuse indication.*			*Single-circuit fuse block with or without fuse indication.*		
Certifications	cULus	CSA	IEC	cULus	CSA	IEC
Voltage Rating — H6/WFB4	300V AC/DC		500V AC/DC	300V AC/DC		500V AC/DC
Voltage Rating — H5/WFB424	10…57V AC/DC			10…57V AC/DC		
Voltage Rating — H4/WFB4250	100…300V AC			85…264V AC		
Maximum Current	12 A			15 A		15 A *
Wire Range (Rated Cross Section)	#30… #12 AWG		0.5… 4 mm²	#22… #12 AWG		0.5… 4 mm²
Wire Strip Length	0.38 in (9.7 mm)			0.31 in (8 mm)		
Recommended Tightening Torque	3…7 lb•in (0.3…0.8 Nm)			5.0…5.6 lb•in (0.6 Nm)		
Density (Blocks per ft/meter)	33 pcs/ft (109/m)			38 pcs/ft (125/m)		
Housing Temperature Range	–40…+195 °F (–40…+90 °C)			–40…+195 °F (–40…+90 °C)		
Indicator Type						
H6/WFB4	Non-Indicating			Non-Indicating		
H5/WFB424	Red LED			Red LED		
H4/WFB4250	Neon			Neon		
Leakage Current						
H6/WFB4	—			—		
H5/WFB424	2 mA @ 24V			2 mA @ 24V		
H4/WFB4250	2 mA @ 300V			2 mA @ 300V		
Fuse Size (Not Supplied)	1/4 in x 1-1/4 in			5 x 20 mm		
Terminal Blocks	**Cat. No.**		**Pcs/ Pkg**	**Cat. No.**		**Pcs/ Pkg**
Color: Black No-indication	1492-H6		25	1492-WFB4		50
Color: Black w/LED	1492-H5		25	1492-WFB424		50
Color: Black w/Neon	1492-H4		25	1492-WFB4250		50
Accessories	**Cat. No.**		**Pcs/ Pkg**	**Cat. No.**		**Pcs/ Pkg**
Mounting Rails: 1 m Symmetrical DIN (Steel)	199-DR1		10	199-DR1		10
1 m Symmetrical DIN (Aluminum)	1492-DR5		10	1492-DR5		10
1 m Hi-Rise Sym. DIN (Aluminum)	1492-DR6		2	1492-DR6		2
1 m Angled Hi-Rise Sym. DIN (Steel)	1492-DR7		2	1492-DR7		2
3 ft Scored A-B Rail	1492-N1		20	—		—
3 ft Rigid A-B Rail	1492-N22		20	—		—
3 ft High Rise A-B Rail	1492-N44		2	—		—
Standoff Brackets (Use Every 12 in)	1492-N25		2	—		—
End Barrier	1492-N37		50	Not Required		—
End Anchors and Retainers: Screwless End Retainer	1492-ERL35		20	1492-ERL35		20
DIN Rail — Normal Duty	1492-EAJ35		100	1492-EAJ35		100
DIN Rail — Heavy Duty	1492-EAHJ35		50	1492-EAHJ35		50
A-B Rail — Heavy Duty	1492-N23		10	—		—
Side Jumpers (1Pole/1m)	1492-N49		10	1492-SJFB8-10		10
Side Jumper — 10-pole Insulated	1492-SJS		10	—		—
Other Accessories: Partition Plate	—		—	1492-PPSL3		50
Group Marking Carrier	1492-GM35		25	1492-GM35		25
Marking Systems:	1492-MS8X12 (56/card)		5	1492-MS8X12 (56/card)		5
Snap-In Marker Card — For Base Block	1492-MS8X9 (56/card)		5	1492-MS8X9 (56/card)		5
For Handle	1492-MS8X12 (56/card)		5	1492-MS8X9 (56/card)		5
Adhesive Labels	1492-ALHFB (50/sheet)		1	1492-ALHFB (50/card)		1
Individual Marker Tabs (single char.)	—		—	1492-MP (10/stick) †		10

* IEC standards for 5 x 20 mm fuses do not include ratings above 6.3 A.

† Cat. no. is incomplete. See pages 12-152 and 12-153.

	1492-JC3			1492-JDC3		
Dimensions are not intended to be used for manufacturing purposes. **Note:** Height dimension is measured from top of rail to top of terminal block.						
Specifications	*Feed-Through terminal block with 2 plug-in comb connections on one side.*			*Two Circuit terminal block with plug-in comb connection on one side of each circuit.*		
Certifications	cULus	CSA	IEC	cULus	CSA	IEC
Voltage Rating	300V AC/DC		250V AC/DC	300V AC/DC		250V AC/DC
Maximum Current	20 A (2 x 10)	10 A	10 A (2 x 8)	20 A (2 x 10)	10 A	17.5 A
Wire Range (Rated Cross Section)	26…12 AWG		2.5 mm^2	26…12 AWG		2.5 mm^2
Wire Strip Length	0.39 in (10 mm)			0.39 in (10 mm)		
Recommended Tightening Torque	3.5…5.3 lb•in (0.4…0.6 Nm)			3.5…5.3 lb•in (0.4…0.6 Nm)		
Density (Blocks per ft/meter)	59 per ft/196 per meter			59 per ft/196 per meter		
Housing Temperature Range	–58…+248 °F (–50…+120 °C)			–58…+248 °F (–50…+120 °C)		
Terminal Blocks	**Cat. No.**		**Pcs/ Pkg**	**Cat. No.**		**Pcs/ Pkg**
Color: Gray	1492-JC3		50	1492-JDC3		50
Socket Strips	**Cat. No.**		**Pcs/ Pkg**	**Cat. No.**		**Pcs/ Pkg**
Color/Quantity Black/2 Pole	1492-QP5-2		100	1492-QP5-2		100
Black/3 Pole	1492-QP5-3		100	1492-QP5-3		100
Black/4 Pole	1492-QP5-4		100	1492-QP5-4		100
Black/5 Pole	1492-QP5-5		50	1492-QP5-5		50
Black/6 Pole	1492-QP5-6		50	1492-QP5-6		50
Black/7 Pole	1492-QP5-7		50	1492-QP5-7		50
Black/8 Pole	1492-QP5-8		50	1492-QP5-8		50
Black/9 Pole	1492-QP5-9		50	1492-QP5-9		50
Black/10 Pole	1492-QP5-10		50	1492-QP5-10		50
Black/11 Pole	1492-QP5-11		50	1492-QP5-11		50
Black/12 Pole	1492-QP5-12		50	1492-QP5-12		50
Accessories	**Cat. No.**		**Pcs/ Pkg**	**Cat. No.**		**Pcs/ Pkg**
Mounting Rails: 1 m Symmetrical DIN (Steel)	199-DR1		10	199-DR1		10
1 m Symmetrical DIN (Aluminum)	1492-DR5		10	1492-DR5		10
1 m Hi-Rise Sym. DIN (Aluminum)	1492-DR6		2	1492-DR6		2
1 m Angled Hi-Rise Sym. DIN (Steel)	1492-DR7		2	1492-DR7		2
Barrier Kit (Start/End)	1492-BKJC3		1*	1492-BKJDC3		1*
End Anchors and Retainers: Screwless End Retainer	1492-ERL35		20	1492-ERL35		20
DIN Rail — Normal Duty	1492-EAJ35		100	1492-EAJ35		100
DIN Rail — Heavy Duty	1492-EAHJ35		50	1492-EAHJ35		50
Jumpers: Screw Center Jumper — 10 pole	1492-CJJ5-10		20	—		—
Screw Center Jumper — 4 pole	1492-CJJ5-4		50	—		—
Screw Center Jumper — 3 pole	1492-CJJ5-3		50	—		—
Screw Center Jumper — 2 pole	1492-CJJ5-2		50	—		—
Screw Type Jumper Notching Tool	1492-T1		1	—		—
Other Accessories: Open Pin Cover	1492-PCJC3		20	1492-PCJC3		20
Group Marking Carrier	1492-GM35		25	1492-GM35		25
Marking Systems: Snap-in marker cards	1492-M5X12 (144/card)		25	1492-M5X12 (144/card)		25
Individual Marker Tabs (Single Char.)	1492-M5X5 (200/card)		5	1492-M5X5 (200/card)		5

* One kit consists of 10 start barriers and 10 end barriers. Barriers are required on both ends.

Regulatory Approvals

Allen-Bradley spring-clamp terminal blocks generally have been designed to meet the requirements of one or more regulatory bodies. Most products have also been tested per additional standards. The following is a listing of some of the regulatory bodies and standards which apply to Allen-Bradley spring-clamp terminal block products. See the particular product description for information on specific approvals and ratings.

(Underwriters Laboratories) — Allen-Bradley spring-clamp terminal blocks with one of these ratings have been tested by Underwriters Laboratories and meet the requirements of one or more of the following United States Standards:

- UL 486E — Equipment Wiring Terminals for Use with Aluminum and/or Copper Conductors
- UL 1059 — Standard for Terminal Blocks

Reference UL files E34648, E40735, E65138, E113724, E160646

(Underwriters Laboratories) — Allen-Bradley spring-clamp terminal blocks with this rating have been tested by Underwriters Laboratories and meet the requirements of one or more of the following Canadian Standards:

- CSA 22.2 No. 158 — Terminal Blocks

Reference UL file E40735

(Canadian Standards Association) — Allen-Bradley spring-clamp terminal blocks with this rating have been tested by the Canadian Standards Association and meet the requirements of one or more of the following Canadian Standards:

- CSA 22.2 No. 158 — Terminal Blocks

Reference CSA files LR14074 and 220124

Allen-Bradley spring-clamp terminal blocks listed in this catalog meet the requirements of the Low Voltage Directive put forth by the European Union. Devices have been tested and comply with one or more of the following European Norms:

- EN 60947-1 — Low Voltage Switchgear and Controlgear: General Rules
- EN 60947-7-1 — Low Voltage Switchgear and Controlgear: Terminal Blocks for Copper Conductors
- EN 60947-7-2 — Low Voltage Switchgear and Controlgear: Protective Conductor Terminal Blocks for Copper Conductors
- EN 60947-7-3 — Low Voltage Switchgear and Controlgear: Safety Requirements for Fuse Terminal Blocks

EEx e II — Devices listed in this catalog with "EEx e II" ratings meet the following European Norms per DEMKO or KEMA, Approval Certification Bodies for the European Union:

- EN 50014 — Electrical Apparatus for Potentially Explosive Atmospheres — General Requirements
- EN 50019 — Electrical Apparatus for Potentially Explosive Atmospheres — Increased Safety "e"

Contact your local Allen-Bradley distributor for a copy of the certificate.

Ex e II — Bulletin 1492-L terminal blocks in this catalog meet the following Canadian Standards per Underwriters Laboratories:

- E79-0-95 — Electrical Apparatus for Explosive Atmospheres — Part 0 — General Requirements
- E79-7-95 — Electrical Apparatus for Explosive Atmospheres — Part 7 — Increased Safety "e"

These products are suitable for Class I, Zone 1 Hazardous Locations. Reference UL file E187022. Contact your local Allen-Bradley distributor for more information.

AEx e II — Allen-Bradley spring-clamp terminal blocks with an "AEx e II" rating meet the following United States Standard per Underwriters Laboratories:

- UL 2279 — Standard for Electrical Equipment for Use in Class I, Zone 0, 1, and 2 Hazardous (Classified) Locations

These products are suitable for Class I, Zone 1 Hazardous Locations. Reference UL file E187022. Contact your local Allen-Bradley distributor for more information.

Lloyd's Register — Bulletin 1492-L terminal blocks in this catalog have been approved for use in marine, off-shore, and industrial installations per the following standard:

- Lloyd's Register Test Specification No. 1:1996

Contact your local Allen-Bradley distributor for a copy of the certificate.

The Allen-Bradley Line of Spring-Clamp Terminal Blocks…

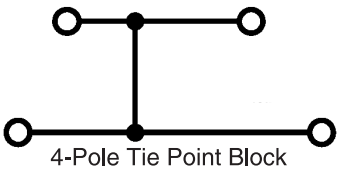
Allen-Bradley's new Bulletin 1492-L line of internationally approved Spring-Clamp IEC-style terminal blocks offers a variety of products that can make any application:

- Fast — Reduces wiring time by more than 50%
- Practical — Requires only a flat-head screwdriver for easy installation. Maintenance-free, no need to retighten
- Reliable — Secure contact is durable under extreme conditions such as high-vibration applications

Products Available in the 1492-L Spring-Clamp Line

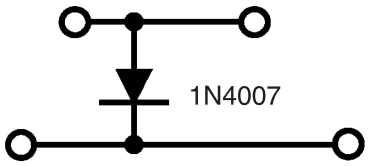
- **Feed-Through Blocks**, accommodating wire sizes from #30…#2 AWG (0.2…35 mm²)
- **Grounding Blocks** for grounding a given circuit to the DIN rail
- **Multi-Circuit Blocks** for doubling circuit wiring density
- **Isolation Blocks** for circuit isolation during testing and troubleshooting
- **Plug-In Style Terminal Blocks** accommodating component plugs, fuse plugs, and disconnect plugs
- **Sensor Blocks** for coordination of three-wire sensor groups with or without ground terminations
- **Electrical Component Blocks** which allow for the insertion of fixed components into control circuits. Components include resistors, diodes, and surge suppression circuits

Tie-Point Block
(Cat. Nos. 1492-LD2C, LD3C, LD4C)

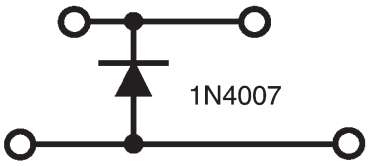


Diode Block
(Cat. Nos. 1492-LD4DF, 1492-LD4DR)

Uses a 1N4007 diode between the upper and lower levels for insertion into a control circuit. This block is useful in low voltage DC control circuits for directioning and suppression.



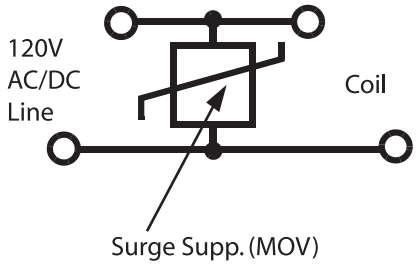
Cat. No. 1492-LD4DF



Cat. No. 1492-LD4DR

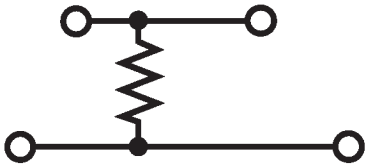
Surge Suppression Block
(Cat. No. 1492-LD4SS)

Provides a convenient means of incorporating transient suppression for relays, contactors and solenoids into a control system.



Resistor Block
(Cat. No. 1492-LD4RB…)

Permits the introduction of a 10 Ω…4.75 MΩ resistor into a control circuit.



- **Test Blocks** for allowing a bank of pluggable terminal strips to be easily connected for test purposes
- A wide variety of snap-in markers are available for individual or group circuit identification
- A broad offering of accessories such as screwless end retainers, electrical warning plates, end barriers, protective stops and test plugs to provide exactly what the application requires
- Operating instructions (printed on an adhesive label), for fixing inside a panel
- **Mini-blocks** available in rail-mount or panel-mount configurations

Materials and Design Features

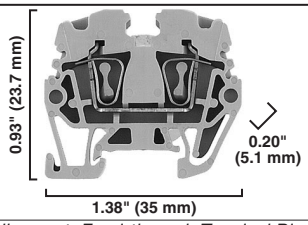
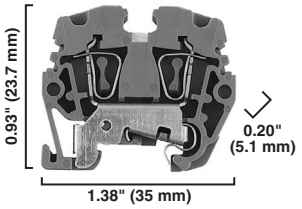
The 1492-L line is specially designed for safety, installation ease, and ruggedness. Features include:

- Tin-plated terminals and stainless steel spring clamps for resistance to corrosion and vibration
- Spring clamp design to minimize stress relaxation and maintain contact force, even under vibration
- Top wire entry for ease of installation
- Circuit testing with standard 2 mm diameter test probe or stackable test plugs on most Spring-Clamp blocks
- Insulation stops to ensure electrical connection when using smaller gauge wires
- Markers that are visible after terminal blocks are wired
- Multiple marking options
- Common profiles to minimize stocking of accessories
- Self-extinguishing, polymide 6.6 housing materials with a flammability rating UL 94-V0 (1492-R terminal blocks have a UL 94-V2 flammability rating)
- Screwless center jumpers to simplify jumpering terminals together

Note: To ensure proper wire termination, these blocks are designed to accept only **one** wire per terminal.

Spring-Clamp Connection Terminal Blocks

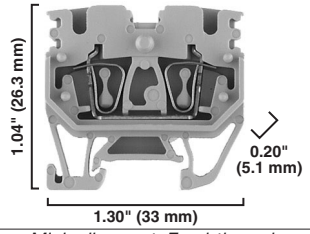
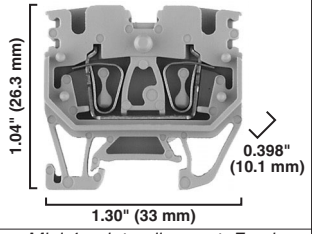
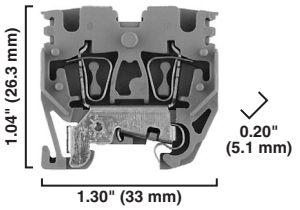
Mini-Blocks with Center Jumper Option

	1492-LMJ3			1492-LMJG3		
Dimensions are not intended to be used for manufacturing purposes. **Note:** Height dimension is measured from top of rail to top of terminal block.						
Specifications	*Mini rail-mount, Feed-through Terminal Block with jumper capability*			*Mini rail-mount grounding Terminal Block*		
Certifications	cULus	CSA	IEC	cULus	CSA	IEC
Voltage Rating	300V AC/DC		500V AC/DC	—	—	—
Maximum Current	20 A		24 A	Grounding		
Wire Range (Rated Cross Section)	26… 12 AWG		2.5 mm²	26… 12 AWG		2.5 mm²
Wire Strip Length	0.39 in (10 mm)			0.39 in (10 mm)		
Density (Blocks per foot/meter)	59 per ft/196 per meter			59 per ft/196 per meter		
Housing Temperature Range	–58…+248 °F (–50…+120 °C)			–58…+248 °F (–50…+120 °C)		
Terminal Blocks	**Cat. No.**		**Pcs/ Pkg**	**Cat. No.**		**Pcs/ Pkg**
Color Gray	1492-LMJ3		100	—		—
Blue	1492-LMJ3-B		100	—		—
Green/Yellow	—		—	1492-LMJG3		100
Accessories	**Cat. No.**		**Pcs/ Pkg**	**Cat. No.**		**Pcs/ Pkg**
Mounting Rails 1 m Symmetrical DIN (Steel)	1492-DR3		5	1492-DR3		5
Screwless End Retainer Gray	1492-ERL15		20	1492-ERL15		20
End Anchor Gray	1492-EAJ15		50	1492-EAJ15		50
Jumpers Plug-in Center Jumper — 50 Pole	1492-CJLJ5-50		10	—		—
Plug-in Center Jumper — 10 Pole	1492-CJLJ5-10		20	—		—
Plug-in Center Jumper — 9 Pole	1492-CJLJ5-9		20	—		—
Plug-in Center Jumper — 8 Pole	1492-CJLJ5-8		20	—		—
Plug-in Center Jumper — 7 Pole	1492-CJLJ5-7		20	—		—
Plug-in Center Jumper — 6 Pole	1492-CJLJ5-6		20	—		—
Plug-in Center Jumper — 5 Pole	1492-CJLJ5-5		20	—		—
Plug-in Center Jumper — 4 Pole	1492-CJLJ5-4		60	—		—
Plug-in Center Jumper — 3 Pole	1492-CJLJ5-3		60	—		—
Plug-in Center Jumper — 2 Pole	1492-CJLJ5-2		60	—		—
Side Jumper — 2 Pole	1492-SJLM5-2		50	—		—
Side Jumper Installation Tool	1492-TAL5-2		1	—		—
End Barriers Gray	1492-EBLMJ3		50	1492-EBLMJ3		50
Blue	1492-EBLMJ3-B		50	1492-EBLMJ3-B		50
Yellow	1492-EBLMJ3-Y		50	1492-EBLMJ3-Y		50
Marking Systems Snap-in Marker Cards	1492-SM5X10 (144/card)		5	1492-SM5X10 (144/card)		5
Snap-In Marker Cards	1492-M5X5 (200/card) *		5	1492-M5X5 (200/card)		5
Hinged marker cards	1492-MH5X10 (96/card) *		5	1492-MH5X10 (96/card)		5

* Markers can be installed over center jumper channel, with or without center jumper installed.

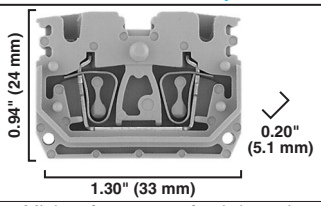
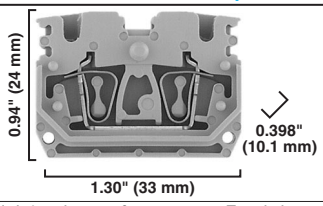
Spring-Clamp Connection Terminal Blocks

Mini-Blocks, 600V UL Rated, Interlocking

	1492-LM3			1492-LM3Q			1492-LMG3		
Dimensions are not intended to be used for manufacturing purposes. **Note:** Height dimension is measured from top of rail to top of terminal block.									
Specifications	*Mini rail-mount, Feed-through Terminal Block*			*Mini 4 point, rail-mount, Feed-through Terminal Block*			*Mini rail-mount grounding Terminal Block*		
Certifications	cULus	CSA	IEC	cULus	CSA	IEC	cULus	CSA	IEC
Voltage Rating	600V AC/DC		800V AC/DC	600V AC/DC		800V AC/DC	—	—	—
Maximum Current	25 A		24 A	25 A		24 A	Grounding		
Wire Range (Rated Cross Section)	26… 12 AWG		2.5 mm²	26… 12 AWG		2.5 mm²	26… 12 AWG		2.5 mm²
Wire Strip Length	0.39 in (10 mm)			0.39 in (10 mm)			0.39 in (10 mm)		
Density (Blocks per foot/meter)	59 per ft/196 per meter			30 per ft/99 per meter			59 per ft/196 per meter		
Housing Temperature Range	–58…+248 °F (–50…+120 °C)			–58…+248 °F (–50…+120 °C)			–58…+248 °F (–50…+120 °C)		
Terminal Blocks	**Cat. No.**		**Pcs/ Pkg**	**Cat. No.**		**Pcs/ Pkg**	**Cat. No.**		**Pcs/ Pkg**
Color Gray	1492-LM3		100	1492-LM3Q		100	—		—
Blue	1492-LM3-B		100	1492-LM3Q-B		100	—		—
Green/Yellow	—		—	—		—	1492-LMG3		100
Accessories	**Cat. No.**		**Pcs/ Pkg**	**Cat. No.**		**Pcs/ Pkg**	**Cat. No.**		**Pcs/ Pkg**
Mounting Rails 1 m Symmetrical Mini DIN (Steel)	1492-DR3		5	1492-DR3		5	1492-DR3		5
Screwless End Retainer Gray	1492-ERL15		20	1492-ERL15		20	1492-ERL15		20
End Anchor Gray	1492-EAJ15		50	1492-EAJ15		50	1492-EAJ15		50
Jumpers Side Jumper — 2 Pole	1492-SJLM5-2		50	1492-SJLM5-2		50	—		—
Side Jumper Installation Tool	1492-TAL5-2		1	1492-TAL5-2		1	—		—
End Barriers Gray	1492-EBLM3		50	1492-EBLM3		50	1492-EBLM3		50
Blue	1492-EBLM3-B		50	1492-EBLM3-B		50	1492-EBLM3-B		50
Yellow	1492-EBLM3-Y		50	1492-EBLM3-Y		50	1492-EBLM3-Y		50
Marking Systems Snap-In Marker Cards	1492-M5X10 (144/card)		5	1492-M5X10 (144/card)		5	1492-M5X10 (144/card)		5
Snap-In Marker Cards	1492-M5X5 (200/card)		5	1492-M5X5 (200/card)		5	1492-M5X5 (200/card)		5
Hinged Marker Cards	1492-MH5X10 (96/card)		5	1492-MH5X10 (96/card)		5	1492-MH5X10 (96/card)		5

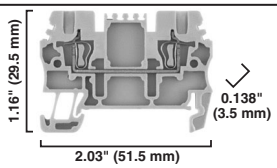
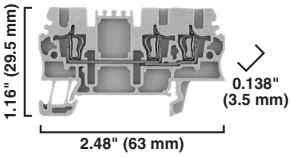
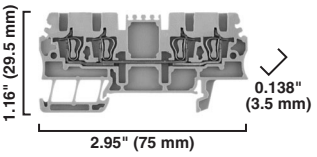
Spring-Clamp Connection Terminal Blocks

Mini-Blocks, Panel Mount

		1492-LMP3 †			1492-LMP3Q †		
Dimensions are not intended to be used for manufacturing purposes. **Note:** One end block and one end barrier or two end barriers must be used on each end of a terminal bank to provide mounting slots.							
Specifications		*Mini surface mount feed-through Terminal Block*			*Mini 4 point, surface mount, Feed-through Terminal Block*		
Certifications		cULus	CSA	IEC	cULus	CSA	IEC
Voltage Rating		600V AC/DC		800V AC/DC	600V AC/DC		800V AC/DC
Maximum Current		20 A		24 A	20 A		24 A
Wire Range (Rated Cross Section)		26… 12 AWG		2.5 mm^2	26… 12 AWG		2.5 mm^2
Wire Strip Length		0.39 in (10 mm)			0.39 in (10 mm)		
Density	(Blocks per foot/meter)	59 per ft/196 per meter			30 per ft/99 per meter		
Housing Temperature Range		–58…+248 °F (–50…+120 °C)			–58…+248 °F (–50…+120 °C)		
Terminal Blocks		**Cat. No.**		**Pcs/ Pkg**	**Cat. No.**		**Pcs/ Pkg**
Color	Gray	1492-LMP3		100	1492-LMP3Q		100
	Blue	1492-LMP3-B		100	1492-LMP3Q-B		100
End Terminal Blocks (with Mounting Brackets) Color	Gray	1492-LMP3E		50	1492-LMP3QE		50
	Blue	1492-LMP3E-B		50	1492-LMP3QE-B		50
Accessories		**Cat. No.**		**Pcs/ Pkg**	**Cat. No.**		**Pcs/ Pkg**
Mounting Foot*		1492-MFLM		50	1492-MFLM		50
Jumpers Side Center Jumper — 2 Pole		1492-SJLM5-2		50	1492-SJLM5-2		50
Side Jumper Installation Tool		1492-TAL5-2		1	1492-TAL5-2		1
End Barriers (with Mounting Slots)	Gray	1492-EBLMP3		50	1492-EBLMP3		50
	Blue	1492-EBLMP3-B		50	1492-EBLMP3-B		50
Marking Systems Snap-In Marker Cards		1492-M5X10 (144/card)		5	1492-M5X10 (144/card)		5
Snap-In Marker Cards		1492-M5X5 (200/card)		5	1492-M5X5 (200/card)		5
Hinged Marker Cards		1492-MH5X10 (96/card)		5	1492-MH5X10 (96/card)		5

† For a grouping of terminal blocks, use 1 end terminal block, select the number of terminal blocks, and use 1 end barrier. You can also use a group of terminal blocks with an end barrier on each end.

* Allows mounting to 15 mm and 35 mm DIN Rail. Recommended spacing is every fifth block on Cat. No. 1492-LMP3 and every third block on Cat. No. 1492-LMP3Q.

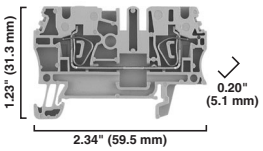
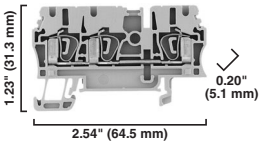
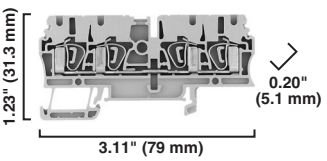
	1492-L2	1492-L2T	1492-L2Q
Dimensions are not intended to be used for manufacturing purposes. **Note:** Height dimension is measured from top of rail to top of terminal block.			
Specifications	*Feed-through Terminal Block*	*Feed-through Terminal Block with 2 points on one side*	*Feed-through Terminal Block with 2 points on each side*
Certifications	CSA / IEC / EEx e II	CSA / IEC / EEx e II	CSA / IEC / EEx e II
Voltage Rating	300V AC/DC / 500V AC/DC / 550V AC/DC	300V AC/DC / 500V AC/DC / 550V AC/DC	300V AC/DC / 500V AC/DC / 550V AC/DC
Maximum Current	10 A / 17.5 A / 15 A	10 A / 17.5 A / 15 A	10 A / 17.5 A / 15 A
Wire Range (Rated Cross Section)	28…16 AWG / 1.5 mm² / 1.5 mm²	28…16 AWG / 1.5 mm² / 1.5 mm²	28…16 AWG / 1.5 mm² / 1.5 mm²
Wire Strip Length	0.39 in (10 mm)	0.39 in (10 mm)	0.39 in (10 mm)
Density (Blocks per foot/meter)	87 per ft/285 per meter	87 per ft/285 per meter	87 per ft/285 per meter
Housing Temperature Range	–58…+248 °F (–50…+120 °C)	–58…+248 °F (–50…+120 °C)	–58…+248 °F (–50…+120 °C)

Terminal Blocks		**Cat. No.**	**Pcs/ Pkg**	**Cat. No.**	**Pcs/ Pkg**	**Cat. No.**	**Pcs/ Pkg**
Color	Gray	1492-L2	50	1492-L2T	50	1492-L2Q	50
	Red	1492-L2-RE	50	1492-L2T-RE	50	1492-L2Q-RE	50
	Blue	1492-L2-B	50	1492-L2T-B	50	1492-L2Q-B	50
	Black	1492-L2-BL	50	1492-L2T-BL	50	1492-L2Q-BL	50
	Green	1492-L2-G	50	1492-L2T-G	50	1492-L2Q-G	50
	Yellow	1492-L2-Y	50	1492-L2T-Y	50	1492-L2Q-Y	50
	Orange	1492-L2-OR	50	1492-L2T-OR	50	1492-L2Q-OR	50
	Brown	1492-L2-BR	50	1492-L2T-BR	50	1492-L2Q-BR	50
	White	1492-L2-W	50	1492-L2T-W	50	1492-L2Q-W	50

Accessories	**Cat. No.**	**Pcs/ Pkg**	**Cat. No.**	**Pcs/ Pkg**	**Cat. No.**	**Pcs/ Pkg**
Mounting Rails 1 m Symmetrical DIN (Steel)	199-DR1	10	199-DR1	10	199-DR1	10
1 m Symmetrical DIN (Aluminum)	1492-DR5	10	1492-DR5	10	1492-DR5	10
1 m Hi-Rise Sym. DIN (Aluminum)	1492-DR6	2	1492-DR6	2	1492-DR6	2
1 m Angled Hi-Rise Sym. DIN (Steel)	1492-DR7	2	1492-DR7	2	1492-DR7	2
End Barriers Gray	1492-EBL2	50	1492-EBL2T	50	1492-EBL2Q	50
Blue	1492-EBL2-B	50	1492-EBL2T-B	50	1492-EBL2Q-B	50
Yellow	1492-EBL2-Y	50	1492-EBL2T-Y	50	1492-EBL2Q-Y	50
End Anchors and Retainers Screwless End Retainer	1492-ERL35	20	1492-ERL35	20	1492-ERL35	20
DIN Rail — Normal Duty	1492-EAJ35	100	1492-EAJ35	100	1492-EAJ35	100
DIN Rail — Heavy Duty	1492-EAHJ35	50	1492-EAHJ35	50	1492-EAHJ35	50
Jumpers Plug-in Center Jumper — 10 Pole	1492-CJL4-10	20	1492-CJL4-10	20	1492-CJL4-10	20
Plug-in Center Jumper — 5 Pole	1492-CJL4-5	60	1492-CJL4-5	60	1492-CJL4-5	60
Plug-in Center Jumper — 4 Pole	1492-CJL4-4	60	1492-CJL4-4	60	1492-CJL4-4	60
Plug-in Center Jumper — 3 Pole	1492-CJL4-3	60	1492-CJL4-3	60	1492-CJL4-3	60
Plug-in Center Jumper — 2 Pole	1492-CJL4-2	60	1492-CJL4-2	60	1492-CJL4-2	60
Other Accessories Reducing Sleeves #28…#24 AWG (0.13…0.2 mm²) White	1492-PSL2-2	100	1492-PSL2-2	100	1492-PSL2-2	100
Reducing Sleeves #22…#20 AWG (0.25…0.5 mm²) Gray	1492-PSL2-5	100	1492-PSL2-5	100	1492-PSL2-5	100
Test Plug (Stackable)	1492-TPL4	25	1492-TPL4	25	1492-TPL4	25
Electrical Warning Plate	1492-EWPL4	20	1492-EWPL4	20	1492-EWPL4	20
Group Marking Carrier	1492-GM35	25	1492-GM35	25	1492-GM35	25
Marking Systems Snap-In Marker Cards	1492-M3X12 (120/card)	5	1492-M3X12 (120/card)	5	1492-M3X12 (120/card)	5
Snap-In Marker Cards	1492-M3X5 (100/card)	5	1492-M3X5 (100/card)	5	1492-M3X5 (100/card)	5

Spring-Clamp Connection Terminal Blocks

Standard Feed-Through Blocks, Continued

	1492-L3	1492-L3T	1492-L3Q
Dimensions are not intended to be used for manufacturing purposes. **Note:** Height dimension is measured from top of rail to top of terminal block.			

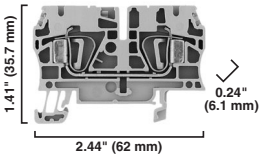
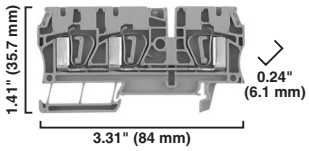
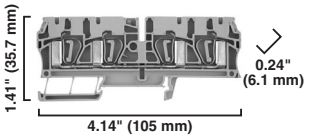
Specifications	*Feed-through Terminal Block*			*Feed-through Terminal Block with 2 points on one side*			*Feed-through Terminal Block with 2 points on each side*		
Certifications	cULus / CSA	IEC	EEx e II	cULus / CSA	IEC	EEx e II	cULus / CSA	IEC	EEx e II
Voltage Rating	600V AC/DC	800V AC/DC	550V AC/DC	600V AC/DC	800V AC/DC	550V AC/DC	600V AC/DC	800V AC/DC	550V AC/DC
Maximum Current	25 A	24 A	21 A	25 A	24 A	21 A	25 A	24 A	21 A
Wire Range (Rated Cross Section)	30…12 AWG	2.5 mm²	2.5 mm² (20…12 AWG)	30…12 AWG	2.5 mm²	2.5 mm² (20…12 AWG)	30…12 AWG	2.5 mm²	2.5 mm² (20…12 AWG)
Wire Strip Length	0.39 in (10 mm)			0.39 in (10 mm)			0.39 in (10 mm)		
Density (Blocks per foot/meter)	59 per ft/196 per meter			59 per ft/196 per meter			59 per ft/196 per meter		
Housing Temperature Range	–58…+248 °F (–50…+120 °C)			–58…+248 °F (–50…+120 °C)			–58…+248 °F (–50…+120 °C)		

Terminal Blocks		**Cat. No.**	**Pcs/ Pkg**	**Cat. No.**	**Pcs/ Pkg**	**Cat. No.**	**Pcs/ Pkg**
Color	Gray	1492-L3	100	1492-L3T	100	1492-L3Q	100
	Red	1492-L3-RE	100	1492-L3T-RE	100	1492-L3Q-RE	100
	Blue	1492-L3-B	100	1492-L3T-B	100	1492-L3Q-B	100
	Black	1492-L3-BL	100	1492-L3T-BL	100	1492-L3Q-BL	100
	Green	1492-L3-G	100	1492-L3T-G	100	1492-L3Q-G	100
	Yellow	1492-L3-Y	100	1492-L3T-Y	100	1492-L3Q-Y	100
	Orange	1492-L3-OR	100	1492-L3T-OR	100	1492-L3Q-OR	100
	Brown	1492-L3-BR	100	1492-L3T-BR	100	1492-L3Q-BR	100
	White	1492-L3-W	100	1492-L3T-W	100	1492-L3Q-W	100

Accessories	**Cat. No.**	**Pcs/ Pkg**	**Cat. No.**	**Pcs/ Pkg**	**Cat. No.**	**Pcs/ Pkg**
Mounting Rails 1 m Symmetrical DIN (Steel)	199-DR1	10	199-DR1	10	199-DR1	10
1 m Symmetrical DIN (Aluminum)	1492-DR5	10	1492-DR5	10	1492-DR5	10
1 m Hi-Rise Sym. DIN (Aluminum)	1492-DR6	2	1492-DR6	2	1492-DR6	2
1 m Angled Hi-Rise Sym. DIN (Steel)	1492-DR7	2	1492-DR7	2	1492-DR7	2
End Barriers Gray	1492-EBL3	50	1492-EBL3T	50	1492-EBL3Q	50
Blue	1492-EBL3-B	50	1492-EBL3T-B	50	1492-EBL3Q-B	50
Yellow	1492-EBL3-Y	50	1492-EBL3T-Y	50	1492-EBL3Q-Y	50
End Anchors and Retainers Screwless End Retainer	1492-ERL35	20	1492-ERL35	20	1492-ERL35	20
DIN Rail — Normal Duty	1492-EAJ35	100	1492-EAJ35	100	1492-EAJ35	100
DIN Rail — Heavy Duty	1492-EAHJ35	50	1492-EAHJ35	50	1492-EAHJ35	50
Jumpers Plug-in Center Jumper — 50 Pole	1492-CJK5-50	10	1492-CJK5-50	10	1492-CJK5-50	10
Plug-in Center Jumper — 10 Pole	1492-CJK5-10	20	1492-CJK5-10	20	1492-CJK5-10	20
Plug-in Center Jumper — 9 Pole	1492-CJK5-9	20	1492-CJK5-9	20	1492-CJK5-9	20
Plug-in Center Jumper — 8 Pole	1492-CJK5-8	20	1492-CJK5-8	20	1492-CJK5-8	20
Plug-in Center Jumper — 7 Pole	1492-CJK5-7	20	1492-CJK5-7	20	1492-CJK5-7	20
Plug-in Center Jumper — 6 Pole	1492-CJK5-6	20	1492-CJK5-6	20	1492-CJK5-6	20
Plug-in Center Jumper — 5 Pole	1492-CJK5-5	20	1492-CJK5-5	20	1492-CJK5-5	20
Plug-in Center Jumper — 4 Pole	1492-CJK5-4	60	1492-CJK5-4	60	1492-CJK5-4	60
Plug-in Center Jumper — 3 Pole	1492-CJK5-3	60	1492-CJK5-3	60	1492-CJK5-3	60
Plug-in Center Jumper — 2 Pole	1492-CJK5-2	60	1492-CJK5-2	60	1492-CJK5-2	60
Other Accessories Reducing Sleeves #30…#24 AWG (0.13…0.2 mm²) White	1492-PSL3-2	100	1492-PSL3-2	100	1492-PSL3-2	100
Reducing Sleeves #22…#20 AWG (0.25…0.5 mm²) Gray	1492-PSL3-5	100	1492-PSL3-5	100	1492-PSL3-5	100
Reducing Sleeves #18 AWG (0.75…1.0 mm²) Dark Gray	1492-PSL3-10	100	1492-PSL3-10	100	1492-PSL3-10	100
Test Plug	1492-TP23	20	1492-TP23	20	1492-TP23	20
Test Plug (Stackable)	1492-TPL5	25	1492-TPL5	25	1492-TPL5	25
Electrical Warning Plate	1492-EWPL5	20	1492-EWPL5	20	1492-EWPL5	20
Group Marking Carrier	1492-GM35	25	1492-GM35	25	1492-GM35	25
Marking Systems Snap-In Marker Cards	1492-M5X10 (144/card)	5	1492-M5X10 (144/card)	5	1492-M5X10 (144/card)	5
Snap-In Marker Cards	1492-M5X5 (200/card)	5	1492-M5X5 (200/card)	5	1492-M5X5 (200/card)	5
Hinged Marker Cards	1492-MH5X10 (96/card)	5	1492-MH5X10 (96/card)	5	1492-MH5X10 (96/card)	5
Hinged Marker Cards	1492-MH5X15 (96/card)	5	1492-MH5X15 (96/card)	5	1492-MH5X15 (96/card)	5

Spring-Clamp Connection Terminal Blocks

Standard Feed-Through Blocks, Continued

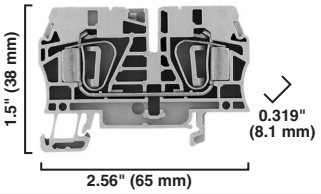
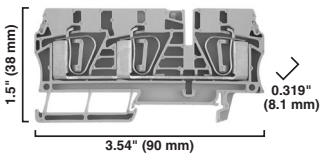
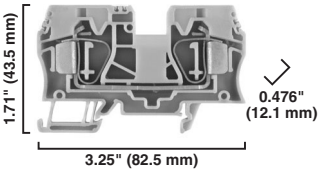
	1492-L4	1492-L4T	1492-L4Q
Dimensions are not intended to be used for manufacturing purposes. **Note:** Height dimension is measured from top of rail to top of terminal block.			
Specifications	*Feed-through Terminal Block*	*Feed-through Terminal Block with 2 points on one side*	*Feed-through Terminal Block with 2 points on each side*
Certifications	cULus CSA IEC EEx e II	cULus CSA IEC EEx e II	cULus CSA IEC EEx e II
Voltage Rating	600V AC/DC; 800V AC/DC; 550V AC/DC	600V AC/DC; 800V AC/DC; 550V AC/DC	600V AC/DC; 800V AC/DC; 550V AC/DC
Maximum Current	33 A; 32 A; 28 A	33 A; 32 A; 28 A	33 A; 32 A; 28 A
Wire Range (Rated Cross Section)	26…10 AWG; 4 mm²; 4 mm² (20…10 AWG)	26…10 AWG; 4 mm²; 4 mm² (20…10 AWG)	26…10 AWG; 4 mm²; 4 mm² (20…10 AWG)
Wire Strip Length	0.47 in (12 mm)	0.47 in (12 mm)	0.47 in (12 mm)
Density (Blocks per foot/meter)	49 per ft/163 per meter	49 per ft/163 per meter	49 per ft/163 per meter
Housing Temperature Range	–58…+248 °F (–50…+120 °C)	–58…+248 °F (–50…+120 °C)	–58…+248 °F (–50…+120 °C)

Terminal Blocks	**Cat. No.**	**Pcs/ Pkg**	**Cat. No.**	**Pcs/ Pkg**	**Cat. No.**	**Pcs/ Pkg**
Color Gray	1492-L4	50	1492-L4T	50	1492-L4Q	50
Red	1492-L4-RE	50	1492-L4T-RE	50	1492-L4Q-RE	50
Blue	1492-L4-B	50	1492-L4T-B	50	1492-L4Q-B	50
Black	1492-L4-BL	50	1492-L4T-BL	50	1492-L4Q-BL	50
Green	1492-L4-G	50	1492-L4T-G	50	1492-L4Q-G	50
Yellow	1492-L4-Y	50	1492-L4T-Y	50	1492-L4Q-Y	50
Orange	1492-L4-OR	50	1492-L4T-OR	50	1492-L4Q-OR	50
Brown	1492-L4-BR	50	1492-L4T-BR	50	1492-L4Q-BR	50
White	1492-L4-W	50	1492-L4T-W	50	1492-L4Q-W	50

Accessories	**Cat. No.**	**Pcs/ Pkg**	**Cat. No.**	**Pcs/ Pkg**	**Cat. No.**	**Pcs/ Pkg**
Mounting Rails 1 m Symmetrical DIN (Steel)	199-DR1	10	199-DR1	10	199-DR1	10
1 m Symmetrical DIN (Aluminum)	1492-DR5	10	1492-DR5	10	1492-DR5	10
1 m Hi-Rise Sym. DIN (Aluminum)	1492-DR6	2	1492-DR6	2	1492-DR6	2
1 m Angled Hi-Rise Sym. DIN (Steel)	1492-DR7	2	1492-DR7	2	1492-DR7	2
End Barriers Gray	1492-EBL4	50	1492-EBL4T	50	1492-EBL4Q	50
Blue	1492-EBL4-B	50	1492-EBL4T-B	50	1492-EBL4Q-B	50
Yellow	1492-EBL4-Y	50	1492-EBL4T-Y	50	1492-EBL4Q-Y	50
End Anchors and Retainers Screwless End Retainer	1492-ERL35	20	1492-ERL35	20	1492-ERL35	20
DIN Rail — Normal Duty	1492-EAJ35	100	1492-EAJ35	100	1492-EAJ35	100
DIN Rail — Heavy Duty	1492-EAHJ35	50	1492-EAHJ35	50	1492-EAHJ35	50
Jumpers: Plug-in Center Jumper — 10 Pole	1492-CJK6-10	20	1492-CJK6-10	20	1492-CJK6-10	20
Plug-in Center Jumper — 9 Pole	1492-CJK6-9	20	1492-CJK6-9	20	1492-CJK6-9	20
Plug-in Center Jumper — 8 Pole	1492-CJK6-8	20	1492-CJK6-8	20	1492-CJK6-8	20
Plug-in Center Jumper — 7 Pole	1492-CJK6-7	20	1492-CJK6-7	20	1492-CJK6-7	20
Plug-in Center Jumper — 6 Pole	1492-CJK6-6	20	1492-CJK6-6	20	1492-CJK6-6	20
Plug-in Center Jumper — 5 Pole	1492-CJK6-5	20	1492-CJK6-5	20	1492-CJK6-5	20
Plug-in Center Jumper — 4 Pole	1492-CJK6-4	60	1492-CJK6-4	60	1492-CJK6-4	60
Plug-in Center Jumper — 3 Pole	1492-CJK6-3	60	1492-CJK6-3	60	1492-CJK6-3	60
Plug-in Center Jumper — 2 Pole	1492-CJK6-2	60	1492-CJK6-2	60	1492-CJK6-2	60
Other Accessories Reducing Sleeves #26…#24 AWG (0.13…0.2 mm²) White	1492-PSL4-2	100	1492-PSL4-2	100	1492-PSL4-2	100
Reducing Sleeves #20…#22 AWG (0.25…0.5 mm²) Gray	1492-PSL4-5	100	1492-PSL4-5	100	1492-PSL4-5	100
Reducing Sleeves #18 AWG (0.75…1.0 mm²) Dark Gray	1492-PSL4-10	100	1492-PSL4-10	100	1492-PSL4-10	100
Test Plug	1492-TP23	20	1492-TP23	20	1492-TP23	20
Test Plug (Stackable)	1492-TPL6	25	1492-TPL6	25	1492-TPL6	25
Electrical Warning Plate	1492-EWPL6	20	1492-EWPL6	20	1492-EWPL6	20
Group Marking Carrier	1492-GM35	25	1492-GM35	25	1492-GM35	25
Marking Systems Snap-In Marker Cards	1492-M6X10 (120/card)	5	1492-M6X10 (120/card)	5	1492-M6X10 (120/card)	5
Snap-In Marker Cards	1492-M6X5 (200/card)	5	1492-M6X5 (200/card)	5	1492-M6X5 (200/card)	5
Hinged Marker Cards	1492-MH6X12 (80/card)	5	1492-MH6X12 (80/card)	5	1492-MH6X12 (80/card)	5

Spring-Clamp Connection Terminal Blocks

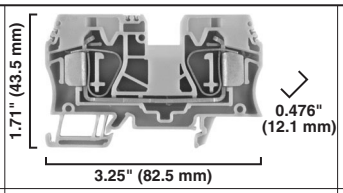
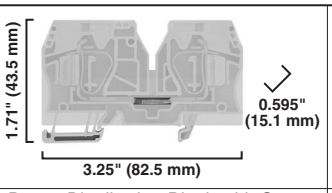
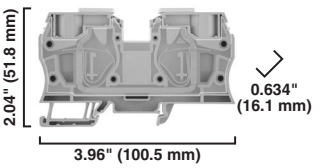
Standard Feed-Through Blocks, Continued

	1492-L6	1492-L6T	1492-L10
Dimensions are not intended to be used for manufacturing purposes. **Note:** Height dimension is measured from top of rail to top of terminal block.			
Specifications	*Feed-through Terminal Block*	*Feed-through Terminal Block with 2 points on one side*	*Feed-through Terminal Block*
Certifications	cULus, CSA, IEC, EEx e II	cULus, CSA, IEC, EEx e II	cULus, CSA, IEC, EEx e II
Voltage Rating	600V AC/DC; 800V AC/DC; 550V AC/DC	600V AC/DC; 800V AC/DC; 550V AC/DC	600V AC/DC; 800V AC/DC; 550V AC/DC
Maximum Current	50 A; 41 A; 36 A	50 A; 41 A; 36 A	60 A; 57 A; 50 A
Wire Range (Rated Cross Section)	22… 8 AWG; 6 mm²; 6 mm² (20… 8 AWG)	22… 8 AWG; 6 mm²; 6 mm² (20… 8 AWG)	16… 6 AWG; 10 mm²; 10 mm² (16… 8 AWG)
Wire Strip Length	0.51 in (13 mm)	0.51 in (13 mm)	0.70 in (18 mm)
Density (Blocks per foot/meter)	37 per ft/123 per meter	37 per ft/123 per meter	30 per ft/99 per meter
Housing Temperature Range	–58…+248 °F (–50…+120 °C)	–58…+248 °F (–50…+120 °C)	–58…+248 °F (–50…+120 °C)
Terminal Blocks	**Cat. No.** / **Pcs/ Pkg**	**Cat. No.** / **Pcs/ Pkg**	**Cat. No.** / **Pcs/ Pkg**
Color Gray	1492-L6 / 50	1492-L6T / 50	1492-L10 / 25
Red	1492-L6-RE / 50	1492-L6T-RE / 50	1492-L10-RE / 25
Blue	1492-L6-B / 50	1492-L6T-B / 50	1492-L10-B / 25
Black	1492-L6-BL / 50	1492-L6T-BL / 50	1492-L10-BL / 25
Green	1492-L6-G / 50	1492-L6T-G / 50	1492-L10-G / 25
Yellow	1492-L6-Y / 50	1492-L6T-Y / 50	1492-L10-Y / 25
Orange	1492-L6-OR / 50	1492-L6T-OR / 50	1492-L10-OR / 25
Brown	1492-L6-BR / 50	1492-L6T-BR / 50	1492-L10-BR / 25
White	1492-L6-W / 50	1492-L6T-W / 50	1492-L10-W / 25
Accessories	**Cat. No.** / **Pcs/ Pkg**	**Cat. No.** / **Pcs/ Pkg**	**Cat. No.** / **Pcs/ Pkg**
Mounting Rails 1 m Symmetrical DIN (Steel)	199-DR1 / 10	199-DR1 / 10	199-DR1 / 10
1 m Symmetrical DIN (Aluminum)	1492-DR5 / 10	1492-DR5 / 10	1492-DR5 / 10
1 m Hi-Rise Sym. DIN (Aluminum)	1492-DR6 / 2	1492-DR6 / 2	1492-DR6 / 2
1 m Angled Hi-Rise Sym. DIN (Steel)	1492-DR7 / 2	1492-DR7 / 2	1492-DR7 / 2
End Barriers Gray	1492-EBL6 / 50	1492-EBL6T / 50	1492-EBL10 / 20
Blue	1492-EBL6-B / 50	1492-EBL6T-B / 50	1492-EBL10-B / 20
Yellow	1492-EBL6-Y / 50	1492-EBL6T-Y / 50	1492-EBL10-Y / 20
End Anchors and Retainers Screwless End Retainer	1492-ERL35 / 20	1492-ERL35 / 20	1492-ERL35 / 20
DIN Rail — Normal Duty	1492-EAJ35 / 100	1492-EAJ35 / 100	1492-EAJ35 / 100
DIN Rail — Heavy Duty	1492-EAHJ35 / 50	1492-EAHJ35 / 50	1492-EAHJ35 / 50
Jumpers Plug-in Center Jumper — 32 Pole	1492-CJL8-32 / 10	1492-CJL8-32 / 10	— / —
Plug-in Center Jumper — 4 Pole	1492-CJL8-4 / 60	1492-CJL8-4 / 60	— / —
Plug-in Center Jumper — 3 Pole	1492-CJL8-3 / 60	1492-CJL8-3 / 60	— / —
Plug-in Center Jumper — 2 Pole	1492-CJL8-2 / 60	1492-CJL8-2 / 60	1492-CJL10-2 / 25
Other Accessories Test Plug	— / —	— / —	1492-TP23 / 20
Test Plug (Stackable)	1492-TPL8 / 25	1492-TPL8 / 25	— / —
Electrical Warning Plate	1492-EWPL8 / 20	1492-EWPL8 / 20	1492-EWPL10 / 20
Group Marking Carrier	1492-GM35 / 25	1492-GM35 / 25	1492-GM35 / 25
Marking Systems Snap-In Marker Cards	1492-M6X12 (120/card)* / 5	1492-M6X12 (120/card)* / 5	1492-M6X12 (120/card)* / 5
Snap-In Marker Cards	1492-M8X5 (160/card) / 5	1492-M8X5 (160/card) / 5	1492-M8X5 (160/card) / 5
Hinged Marker Cards	1492-MH6X12 (80/card) / 5	1492-MH6X12 (80/card) / 5	1492-MH5X15 (96/card) / 5

* May only be mounted in terminal block corner marking positions.

Spring-Clamp Connection Terminal Blocks

Standard Feed-Through Blocks, Continued

	1492-L16	1492-L16D*	1492-L35
Dimensions are not intended to be used for manufacturing purposes. **Note:** Height dimension is measured from top of rail to top of terminal block.			

Specifications	*Feed-through Terminal Block*	*Power Distribution Block with Center Jumper Connection/Feed*	*Feed-through Terminal Block*
Certifications	cULus, CSA, IEC, EEx e II	cULus, CSA, IEC, EEx e II	cULus, CSA, IEC, EEx e II
Voltage Rating	600V AC/DC; 800V AC/DC; 550V AC/DC	600V AC/DC; 500V AC/DC	600V AC/DC; 800V AC/DC
Maximum Current	65 A; 76 A; 66 A	65 A; 76 A	120 A; 125 A
Wire Range (Rated Cross Section)	14… 4 AWG; 16 mm²; 16 mm² (16… 6 AWG)	14… 4 AWG; 16 mm²	12… 2 AWG; 35 mm²
Wire Strip Length	0.70 in (18 mm)	0.70 in (18 mm)	0.98 in (25 mm)
Density (Blocks per foot/meter)	25 per ft/82 per meter	20 per ft/66 per meter	18 per ft/62 per meter
Housing Temperature Range	–58…+248 °F (–50…+120 °C)	–58…+248 °F (–50…+120 °C)	–58…+248 °F (–50…+120 °C)

Terminal Blocks		**Cat. No.**	**Pcs/ Pkg**	**Cat. No.**	**Pcs/ Pkg**	**Cat. No.**	**Pcs/ Pkg**
Color	Gray	1492-L16	25	1492-L16D*	20	1492-L35	10
	Red	1492-L16-RE	25	—	—	1492-L35-RE	10
	Blue	1492-L16-B	25	—	—	1492-L35-B	10
	Black	1492-L16-BL	25	—	—	1492-L35-BL	10
	Green	1492-L16-G	25	—	—	1492-L35-G	10
	Yellow	1492-L16-Y	25	—	—	1492-L35-Y	10
	Orange	1492-L16-OR	25	—	—	1492-L35-OR	10
	Brown	1492-L16-BR	25	—	—	1492-L35-BR	10
	White	1492-L16-W	25	—	—	1492-L35-W	10

Accessories	**Cat. No.**	**Pcs/ Pkg**	**Cat. No.**	**Pcs/ Pkg**	**Cat. No.**	**Pcs/ Pkg**
Mounting Rails 1 m Symmetrical DIN (Steel)	199-DR1	10	199-DR1	10	199-DR1	10
1 m Symmetrical Heavy Duty DIN (Steel, Unslotted)	199-DR4	5	199-DR4	5	199-DR4	5
1 m Symmetrical DIN (Aluminum)	1492-DR5	10	1492-DR5	10	1492-DR5	10
1 m Hi-Rise Symmetrical DIN (Aluminum)	1492-DR6	2	1492-DR6	2	1492-DR6	2
1 m Angled Hi-Rise Sym. DIN (Steel)	1492-DR7	2	1492-DR7	2	1492-DR7	2
1 m Symmetrical Heavy Duty DIN (Copper, Unslotted)	1492-DR8	5	1492-DR8	5	1492-DR8	5
1 m Symmetrical Heavy Duty DIN (Steel Slotted)	1492-DR9	5	1492-DR9	5	1492-DR9	5
End Barriers Gray	1492-EBL16	20	Integrated to Block	—	Integrated to Block	—
Blue	1492-EBL16-B	20	—	—	—	—
Yellow	1492-EBL16-Y	20	—	—	—	—
End Anchors and Retainers Screwless End Retainer	1492-ERL35	20	1492-ERL35	20	1492-ERL35	20
DIN Rail — Normal Duty	1492-EAJ35	100	1492-EAJ35	100	1492-EAJ35	100
DIN Rail — Heavy Duty	1492-EAHJ35	50	1492-EAHJ35	50	1492-EAHJ35	50
Jumpers Plug-in Center Jumper — 2 Pole	1492-CJL12-2	25	†	—	1492-CJL16-2	10
Other Accessories Test Plug	1492-TP23	20	1492-TP23	20	1492-TP23	20
Test Adapter	—	—	—	—	—	—
Electrical Warning Plate	1492-EWPL12	20	1492-EWPL12	20	1492-EWPL16	20
Group Marking Carrier	1492-GM35	25	1492-GM35	25	1492-GM35	25
Marking Systems Snap-In Marker Cards	1492-M7X12 (108/card)‡	5	1492-M7X12 (108/card)‡	5	1492-M7X12 (108/card)‡	5
Snap-In Marker Cards	1492-M8X5 (160/card)	5	1492-M8X5 (160/card)	5	1492-M8X5 (160/card)	5
Hinged Marker Cards	1492-MH5X15 (96/card)	5	1492-MH5X15 (96/card)	5	1492-MH5X15 (96/card)	5

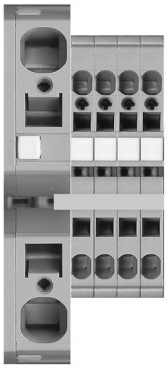
* Can be electrically connected through center jumper for power distribution to 1492 - L3, L3Q, L4, L4T, L4Q, L6, L6T, K2, and K3 terminal blocks. See page 12-46 for distribution guidelines.
† Use defined center jumper for standard terminal blocks when connecting for power distribution.
‡ May only be mounted in terminal block corner marking positions.

Spring-Clamp Connection Terminal Blocks

Power Distribution Blocks

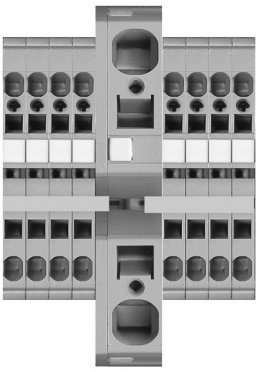
Feed Left:

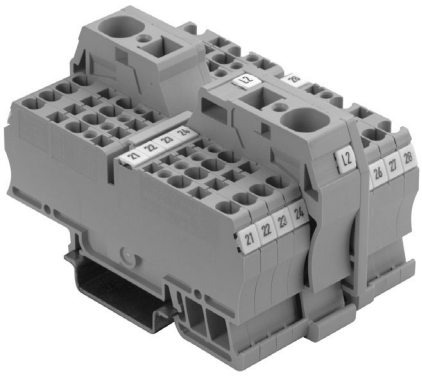
Feed Right:



The Cat. No. 1492-L16D feed terminal allows wires with a cross section from 4…14 AWG and up to 16 mm² to be used. Using standard cross connections, the potential can be distributed to any number of terminals with smaller cross sections. The following tables show some variants for potential distribution of the supply, the required cross connection, and the maximum current. The maximum current for the single terminal block must not be exceeded.

Feed Middle:



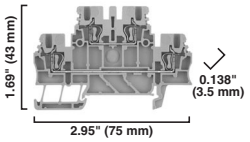
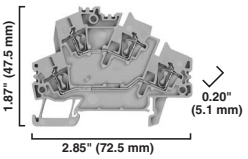
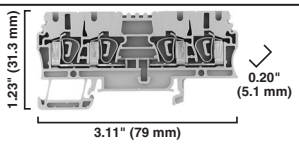


Feed Left				Feed Middle				Feed Right			
Feed Terminal	Feed	I_{max}	Jumper	Feed Terminal	Feed	I_{max}	Jumper	Feed Terminal	Feed	I_{max}	Jumper
1492-L3	4…14 AWG (16 mm²)	62 A	1492-CJK5-*	1492-L3	4…14 AWG (16 mm²)	76 A	1492-CJK5-*	1492-L3	4…14 AWG (16 mm²)	62 A	1492-CJK5-*
1492-L3Q		62 A	1492-CJK5-*	1492-L3Q		76 A	1492-CJK5-*	1492-L3Q		62 A	1492-CJK5-*
1492-L4		76 A	1492-CJK6-*	1492-L4		76 A	1492-CJK6-*	1492-L4		76 A	1492-CJK6-*
								1492-L4T		76 A	1492-CJK6-*
								1492-L4Q		76 A	1492-CJK6-*
1492-L6		76 A	1492-CJL8-*	1492-L6		76 A	1492-CJL8-*	1492-L6		76 A	1492-CJL8-*
								1492-L6T		76 A	1492-CJL8-*
1492-K2		62 A	1492-CJK5-*	1492-K2		76 A	1492-CJK5-*	1492-K2		62 A	1492-CJK5-*
1492-K3		76 A	1492-CJK6-*	1492-K3		76 A	1492-CJK6-*	1492-K3		76 A	1492-CJK6-*

* See accessory section for availability of specific jumper pole configurations.

Spring-Clamp Connection Terminal Blocks

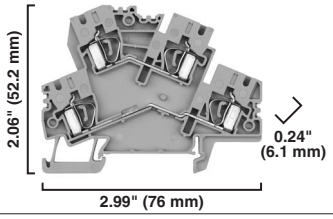
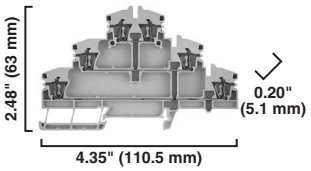
Multi-Circuit Feed-Through Blocks

	1492-LD2	1492-LD3	1492-L3QS
Dimensions are not intended to be used for manufacturing purposes. **Note:** Height dimension is measured from top of rail to top of terminal block.			
Specifications	*Two-circuit feed-through terminal block*	*Two-circuit feed-through terminal block*	*Side-by-side Two circuit Terminal Block*
Certifications	cULus / CSA / IEC	cULus / CSA / IEC	cULus / CSA / IEC / EEx e II
Voltage Rating	300V AC/DC / 500V AC/DC	600V AC/DC / 800V AC/DC	300V AC/DC / 800V AC/DC / 550V AC/DC
Maximum Current	10 A / 17.5 A	20 A / 24 A	25 A / 24 A / 21 A
Wire Range (Rated Cross Section)	28… 16 AWG / 1.5 mm²	26… 12 AWG / 2.5 mm²	30… 12 AWG / 2.5 mm² / 2.5 mm² (20… 12 AWG)
Wire Strip Length	0.39 in (10 mm)	0.39 in (10 mm)	0.39 in (10 mm)
Density (Blocks per foot/meter)	87 per ft/285 per meter	59 per ft/196 per meter	59 per ft/196 per meter
Housing Temperature Range	–58…+248 °F (–50…+120 °C)	–58…+248 °F (–50…+120 °C)	–58…+248 °F (–50…+120 °C)
Terminal Blocks	**Cat. No.** / **Pcs/ Pkg**	**Cat. No.** / **Pcs/ Pkg**	**Cat. No.** / **Pcs/ Pkg**
Color Gray	1492-LD2 / 50	1492-LD3 / 25	1492-L3QS / 50
Red	1492-LD2-RE / 50	1492-LD3-RE / 25	1492-L3QS-RE / 50
Blue	1492-LD2-B / 50	1492-LD3-B / 25	1492-L3QS-B / 50
Black	1492-LD2-BL / 50	1492-LD3-BL / 25	1492-L3QS-BL / 50
Green	1492-LD2-G / 50	1492-LD3-G / 25	1492-L3QS-G / 50
Yellow	1492-LD2-Y / 50	1492-LD3-Y / 25	1492-L3QS-Y / 50
Orange	1492-LD2-OR / 50	1492-LD3-OR / 25	1492-L3QS-OR / 50
Brown	1492-LD2-BR / 50	1492-LD3-BR / 25	1492-L3QS-BR / 50
White	1492-LD2-W / 50	1492-LD3-W / 25	1492-L3QS-W / 50
Accessories	**Cat. No.** / **Pcs/ Pkg**	**Cat. No.** / **Pcs/ Pkg**	**Cat. No.** / **Pcs/ Pkg**
Mounting Rails 1 m Symmetrical DIN (Steel)	199-DR1 / 10	199-DR1 / 10	199-DR1 / 10
1 m Symmetrical DIN (Aluminum)	1492-DR5 / 10	1492-DR5 / 10	1492-DR5 / 10
1 m Hi-Rise Symmetrical DIN (Aluminum)	1492-DR6 / 2	1492-DR6 / 2	1492-DR6 / 2
1 m Angled Hi-Rise Sym. DIN (Steel)	1492-DR7 / 2	1492-DR7 / 2	1492-DR7 / 2
End Barriers Gray	1492-EBLD2 / 50	1492-EBLD3 / 20	1492-EBL3Q / 50
Blue	1492-EBLD2-B / 20	1492-EBLD3-B / 20	1492-EBL3Q-B / 50
Yellow	1492-EBLD2-Y / 20	1492-EBLD3-Y / 20	1492-EBL3Q-Y / 50
End Anchors and Retainers Screwless End Retainer	1492-ERL35 / 20	1492-ERL35 / 20	1492-ERL35 / 20
DIN Rail — Normal Duty	1492-EAJ35 / 100	1492-EAJ35 / 100	1492-EAJ35 / 100
DIN Rail — Heavy Duty	1492-EAHJ35 / 50	1492-EAHJ35 / 50	1492-EAHJ35 / 50
Jumpers Plug-in Center Jumper — 50 Pole	— / —	1492-CJK5-50 / 10	— / —
Plug-in Center Jumper — 10 Pole	1492-CJL4-10 / 20	1492-CJK5-10 / 20	— / —
Plug-in Center Jumper — 9 Pole	— / —	1492-CJK5-9 / 20	— / —
Plug-in Center Jumper — 8 Pole	— / —	1492-CJK5-8 / 20	— / —
Plug-in Center Jumper — 7 Pole	— / —	1492-CJK5-7 / 20	— / —
Plug-in Center Jumper — 6 Pole	— / —	1492-CJK5-6 / 20	— / —
Plug-in Center Jumper — 5 Pole	1492-CJL4-5 / 60	1492-CJK5-5 / 20	— / —
Plug-in Center Jumper — 4 Pole	1492-CJL4-4 / 60	1492-CJK5-4 / 60	— / —
Plug-in Center Jumper — 3 Pole	1492-CJL4-3 / 60	1492-CJK5-3 / 60	— / —
Plug-in Center Jumper — 2 Pole	1492-CJL4-2 / 60	1492-CJK5-2 / 60	— / —
Other Accessories Reducing Sleeves #28…24 AWG (0.13…0.2 mm²)	1492-PSL2-2 / 100	1492-PSLS2-2 / 100	1492-PSL3-2 / 100
Reducing Sleeves #22…20 AWG (0.25…0.5 mm²)	1492-PSL2-5 / 100	1492-PSLS2-5 / 100	1492-PSL3-5 / 100
Reducing Sleeves #18 AWG (0.75…1.0 mm²)	— / —	— / —	1492-PSL3-10 / 100
Test Plug	1492-TPL4 / 25	— / —	1492-TP23 / 20 1492-TPL5 / 25
Electrical Warning Plate	1492-EWPL4 / 20	— / —	1492-EWPL5 / 20
Group Marking Carrier	1492-GM35 / 25	1492-GM35 / 25	1492-GM35 / 25
Marking Systems	1492-M3X12 (120/card)* / 5	1492-M5X10 (144/card) / 5	1492-M5X10 (144/card) / 5
Snap-In Marker Cards	1492-M3X5 (100/card) / 5	1492-M5X5 (200/card) / 5	1492-M5X5 (200/card) / 5
Hinged Marker Cards	— / —	— / —	1492-MH5X10 (96/card) / 5

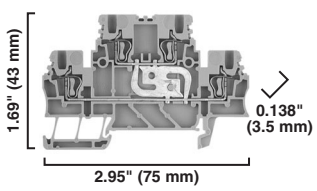
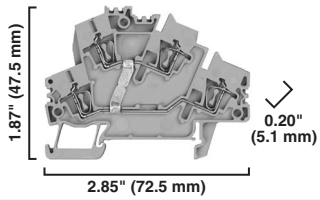
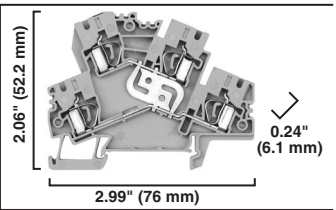
* May only be mounted in terminal block corner marking positions.

Spring-Clamp Connection Terminal Blocks

Multi-Circuit Feed-Through Blocks, Continued

	1492-LD4			1492-LTF3		
Dimensions are not intended to be used for manufacturing purposes. **Note:** Height dimension is measured from top of rail to top of terminal block.						
Specifications	*Two-circuit feed-through terminal block*			*Three-circuit feed-through terminal block with multiple cross connection points*		
Certifications	cULus	CSA	IEC	cULus	CSA	IEC
Voltage Rating	600V AC/DC		800V AC/DC	300V AC/DC		400V AC/DC
Maximum Current	25 A		32 A	15 A		20 A
Wire Range (Rated Cross Section)	26…10 AWG		4 mm²	26…12 AWG		2.5 mm²
Wire Strip Length	0.39 in (10 mm)			0.39 in (10 mm)		
Density (Blocks per foot/meter)	49 per ft/163 per meter			59 per ft/196 per meter		
Housing Temperature Range	–58…+248 °F (–50…+120 °C)			–58…+248 °F (–50…+120 °C)		
Terminal Blocks	**Cat. No.**		**Pcs/ Pkg**	**Cat. No.**		**Pcs/ Pkg**
Color Gray	1492-LD4		25	1492-LTF3		25
Red	1492-LD4-RE		25	—		—
Blue	1492-LD4-B		25	—		—
Black	1492-LD4-BL		25	—		—
Green	1492-LD4-G		25	—		—
Yellow	1492-LD4-Y		25	—		—
Orange	1492-LD4-OR		25	—		—
Brown	1492-LD4-BR		25	—		—
White	1492-LD4-W		25	—		—
Accessories	**Cat. No.**		**Pcs/ Pkg**	**Cat. No.**		**Pcs/ Pkg**
Mounting Rails 1 m Symmetrical DIN (Steel)	199-DR1		10	199-DR1		10
1 m Symmetrical DIN (Aluminum)	1492-DR5		10	1492-DR5		10
1 m Hi-Rise Sym. DIN (Aluminum)	1492-DR6		2	1492-DR6		2
1 m Angled Hi-Rise Sym. DIN (Steel)	1492-DR7		2	1492-DR7		2
End Barriers Gray	1492-EBLD4		20	1492-EBLTF3		20
Blue	1492-EBLD4-B		20	—		—
Yellow	1492-EBLD4-Y		20	—		—
End Anchors and Retainers Screwless End Retainer	1492-ERL35		20	1492-ERL35		20
DIN Rail — Normal Duty	1492-EAJ35		100	1492-EAJ35		100
DIN Rail — Heavy Duty	1492-EAHJ35		50	1492-EAHJ35		50
Jumpers Plug-in Center Jumper — 50 Pole	—		—	1492-CJK5-50		10
Plug-in Center Jumper — 10 Pole	1492-CJK6-10		20	1492-CJK5-10		20
Plug-in Center Jumper — 9 Pole	1492-CJK6-9		20	1492-CJK5-9		20
Plug-in Center Jumper — 8 Pole	1492-CJK6-8		20	1492-CJK5-8		20
Plug-in Center Jumper — 7 Pole	1492-CJK6-7		20	1492-CJK5-7		20
Plug-in Center Jumper — 6 Pole	1492-CJK6-6		20	1492-CJK5-6		20
Plug-in Center Jumper — 5 Pole	1492-CJK6-5		20	1492-CJK5-5		20
Plug-in Center Jumper — 4 Pole	1492-CJK6-4		60	1492-CJK5-4		60
Plug-in Center Jumper — 3 Pole	1492-CJK6-3		60	1492-CJK5-3		60
Plug-in Center Jumper — 2 Pole	1492-CJK6-2		60	1492-CJK5-2		60
Vertical Cross Connector*	—		—	1492-CJLD5		20
Other Accessories Reducing Sleeves 26…24 AWG (0.13…0.2 mm²)	—		—	1492-PSLTF3-2		100
Reducing Sleeves 22…20 AWG (0.25…0.5 mm²)	—		—	1492-PSLTF3-5		100
Test Plug	1492-TP23		20	—		—
Electrical Warning Plate	1492-EWPL6		20	—		—
Group Marking Carrier	1492-GM35		25	1492-GM35		25
Marking Systems Snap-In Marker Cards	1492-M6X10 (120/card)		5	1492-SM5X10 (144/card)		5
Snap-In Marker Cards	1492-M6X5 (200/card)		5	1492-M5X5 (200/card)		5

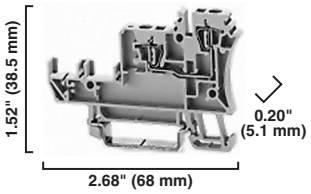
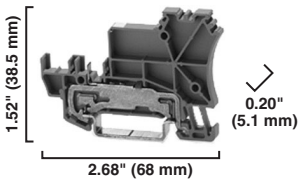
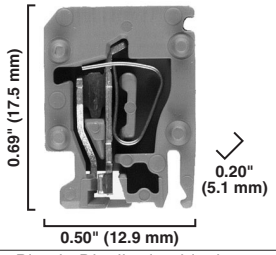
* Used to electrically connect 2 levels of 1492-LTF3

	1492-LD2C	1492-LD3C	1492-LD4C
Dimensions are not intended to be used for manufacturing purposes. **Note:** Height dimension is measured from top of rail to top of terminal block.			
Specifications	*Two-level feed-through terminal block with commoning bar*	*Two-level feed-through terminal block with commoning bar*	*Two-level feed-through terminal block with commoning bar*
Certifications	cULus / CSA / IEC	cULus / CSA / IEC	cULus / CSA / IEC
Voltage Rating	300V AC/DC / 500V AC/DC	600V AC/DC / 800V AC/DC	600V AC/DC / 800V AC/DC
Maximum Current	10 A / 17.5 A	20 A / 24 A	25 A / 32 A
Wire Range (Rated Cross Section)	28…16 AWG / 1.5 mm^2	26…12 AWG / 2.5 mm^2	26…10 AWG / 4 mm^2
Wire Strip Length	0.39 in (10 mm)	0.39 in (10 mm)	0.39 in (10 mm)
Density (Blocks per ft/meter)	87 per ft/285 per meter	59 per ft/196 per meter	49 per ft/163 per meter
Housing Temperature Range	–58…+248 °F (–50…+120 °C)	–58…+248 °F (–50…+120 °C)	–58…+248 °F (–50…+120 °C)
Terminal Blocks	**Cat. No.** / **Pcs/ Pkg**	**Cat. No.** / **Pcs/ Pkg**	**Cat. No.** / **Pcs/ Pkg**
Color: Green	1492-LD2C / 50	1492-LD3C / 25	1492-LD4C / 25
Accessories	**Cat. No.** / **Pcs/ Pkg**	**Cat. No.** / **Pcs/ Pkg**	**Cat. No.** / **Pcs/ Pkg**
Mounting Rails: 1 m Symmetrical DIN (Steel)	199-DR1 / 10	199-DR1 / 10	199-DR1 / 10
1 m Symmetrical DIN (Aluminum)	1492-DR5 / 10	1492-DR5 / 10	1492-DR5 / 10
1 m Hi-Rise Sym. DIN (Aluminum)	1492-DR6 / 2	1492-DR6 / 2	1492-DR6 / 2
1 m Angled Hi-Rise Sym. DIN (Steel)	1492-DR7 / 2	1492-DR7 / 2	1492-DR7 / 2
End Barriers Gray	1492-EBLD2 / 50	1492-EBLD3 / 20	1492-EBLD4 / 20
End Anchors and Retainers Screwless End Retainer	1492-ERL35 / 20	1492-ERL35 / 20	1492-ERL35 / 20
DIN Rail — Normal Duty	1492-EAJ35 / 100	1492-EAJ35 / 100	1492-EAJ35 / 100
DIN Rail — Heavy Duty	1492-EAHJ35 / 50	1492-EAHJ35 / 50	1492-EAHJ35 / 50
Jumpers: Plug-in Center Jumper — 50 Pole	— / —	1492-CJK5-50 / 10	— / —
Plug-in Center Jumper — 10 Pole	1492-CJL4-10 / 20	1492-CJK5-10 / 20	1492-CJK6-10 / 20
Plug-in Center Jumper — 9 Pole	— / —	1492-CJK5-9 / 20	1492-CJK6-9 / 20
Plug-in Center Jumper — 8 Pole	— / —	1492-CJK5-8 / 20	1492-CJK6-8 / 20
Plug-in Center Jumper — 7 Pole	— / —	1492-CJK5-7 / 20	1492-CJK6-7 / 20
Plug-in Center Jumper — 6 Pole	— / —	1492-CJK5-6 / 20	1492-CJK6-6 / 20
Plug-in Center Jumper — 5 Pole	1492-CJL4-5 / 60	1492-CJK5-5 / 20	1492-CJK6-5 / 20
Plug-in Center Jumper — 4 Pole	1492-CJL4-4 / 60	1492-CJK5-4 / 60	1492-CJK6-4 / 60
Plug-in Center Jumper — 3 Pole	1492-CJL4-3 / 60	1492-CJK5-3 / 60	1492-CJK6-3 / 60
Plug-in Center Jumper — 2 Pole	1492-CJL4-2 / 60	1492-CJK5-2 / 60	1492-CJK6-2 / 60
Other Accessories: Reducing Sleeves 28…24 AWG (0.13…0.2 mm^2) White	1492-PSL2-2 / 100	1492-PSLS2-2 / 100	— / —
Reducing Sleeves 22…20 AWG (0.13…0.2 mm^2) Gray	1492-PSL2-5 / 100	1492-PSLS2-5 / 100	— / —
Test Plug	1492-TPL4 / 25	— / —	1492-TP23 / 20
Electrical Warning Plate	1492-EWPL4 / 20	— / —	1492-EWPL6 / 20
Group Marking Carrier	1492-GM35 / 25	1492-GM35 / 25	1492-GM35 / 25
Marking Systems: Snap-In Marker Cards	1492-M3X12 (120/card)* / 5	1492-M5X10 (144/card) / 5	1492-M6X10 (120/card) / 5
Snap-In Marker Cards	1492-M3X5 (100/card) / 5	1492-M5X5 (200/card) / 5	1492-M6X5 (200/card) / 5

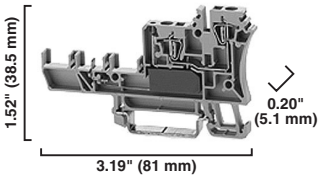
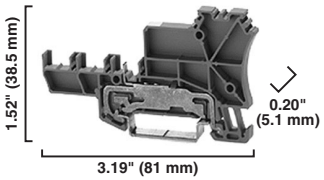
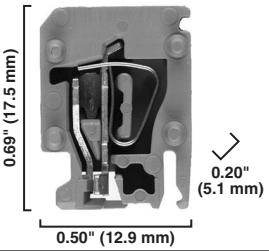
* May only be mounted in terminal block corner marking positions.

Spring-Clamp Connection Terminal Blocks

Sensor Blocks (3 Wire)

	1492-LS2-3∗ 1492-LS2-3L∗	1492-LSG2-3∗	1492-LS2-BR 1492-LS2-B 1492-LSG2
Dimensions are not intended to be used for manufacturing purposes. **Note:** Height dimension is measured from top of rail to top of terminal block.			
Specifications	*3 conductor sensor block base for plug in distribution blocks*	*3 conductor sensor ground block base for plug in distribution blocks*	*Plug in Distribution blocks — internally jumpered*
Certifications	cULus / CSA / IEC	cULus / CSA / IEC	cULus / CSA / IEC
Voltage Rating (without LED)	300V AC/DC / 250V AC/DC	300V AC/DC / 250V AC/DC	300V AC/DC / 250V AC/DC
Voltage Rating (with LED)	5…30V AC/DC	—	5…30V AC/DC
Maximum Current	10 A / 17.5 A	10 A / 17.5 A	10 A / 17.5 A
Wire Range (Rated Cross Section)	26…14 AWG / 1.5 mm²	26…14 AWG / 1.5 mm²	26…14 AWG / 1.5 mm²
Wire Strip Length	0.39 in (10 mm)	0.39 in (10 mm)	0.39 in (10 mm)
Density (Blocks per ft/meter)	59 per ft/196 per meter	59 per ft/196 per meter	59 per ft/196 per meter
Housing Temperature Range	–58…+248 °F (–50…+120 °C)	–58…+248 °F (–50…+120 °C)	–58…+248 °F (–50…+120 °C)
Terminal Blocks	**Cat. No. / Pcs/ Pkg**	**Cat. No. / Pcs/ Pkg**	**Cat. No. / Pcs/ Pkg**
Color: Gray (Without LED)	1492-LS2-3 / 50	— / —	— / —
Gray (With LED)	1492-LS2-3L / 50	— / —	— / —
Green/Yellow	— / —	1492-LSG2-3 / 20	1492-LSG2 / 100
Brown	— / —	— / —	1492-LS2-BR / 100
Blue	— / —	— / —	1492-LS2-B / 100
Accessories	**Cat. No. / Pcs/ Pkg**	**Cat. No. / Pcs/ Pkg**	**Cat. No. / Pcs/ Pkg**
Mounting Rails: 1 m Symmetrical DIN (Steel)	199-DR1 / 10	199-DR1 / 10	— / —
1 m Symmetrical DIN (Aluminum)	1492-DR5 / 10	1492-DR5 / 10	— / —
1 m Hi-Rise Sym. DIN (Aluminum)	1492-DR6 / 2	1492-DR6 / 2	— / —
1 m Angled Hi-Rise Sym. DIN (Steel)	1492-DR7 / 2	1492-DR7 / 2	— / —
End Barriers Gray	1492-EBLS2-3 / 50	1492-EBLS2-3 / 50	Not required / —
End Anchors and Retainers Screwless End Retainer	1492-ERL35 / 20	1492-ERL35 / 20	— / —
DIN Rail — Normal Duty	1492-EAJ35 / 100	1492-EAJ35 / 100	— / —
DIN Rail — Heavy Duty	1492-EAHJ35 / 50	1492-EAHJ35 / 50	— / —
Jumpers: Plug-in Center Jumper — 50 Pole	1492-CJK5-50 / 10	— / —	— / —
Plug-in Center Jumper — 10 Pole	1492-CJK5-10 / 20	— / —	— / —
Plug-in Center Jumper — 9 Pole	1492-CJK5-9 / 20	— / —	— / —
Plug-in Center Jumper — 8 Pole	1492-CJK5-8 / 20	— / —	— / —
Plug-in Center Jumper — 7 Pole	1492-CJK5-7 / 20	— / —	— / —
Plug-in Center Jumper — 6 Pole	1492-CJK5-6 / 20	— / —	— / —
Plug-in Center Jumper — 5 Pole	1492-CJK5-5 / 20	— / —	— / —
Plug-in Center Jumper — 4 Pole	1492-CJK5-4 / 60	— / —	— / —
Plug-in Center Jumper — 3 Pole	1492-CJK5-3 / 60	— / —	— / —
Plug-in Center Jumper — 2 Pole	1492-CJK5-2 / 60	— / —	— / —
Other Accessories: Reducing Sleeves 28…24 AWG (0.13…0.2 mm²) White	1492-PSLS2-2 / 100	— / —	1492-PSLS2-2 / 100
Reducing Sleeves 22…20 AWG (0.25…0.5 mm²) Gray	1492-PSLS2-5 / 100	— / —	1492-PSLS2-5 / 100
Group Marking Carrier	1492-GM35 / 25	1492-GM35 / 25	1492-GM35 / 25
Marking Systems: Snap-In Marker Cards	1492-M5X5 (200/card) / 5	1492-M5X5 (200/card) / 5	— / —

∗ A combination of 2 distribution blocks must be used with each base block.

	1492-LS2-4∗ 1492-LS2-4L∗	1492-LSG2-4∗	1492-LS2-BR 1492-LS2-B 1492-LSG2
Dimensions are not intended to be used for manufacturing purposes. **Note:** Height dimension is measured from top of rail to top of terminal block.			

Specifications	*4 conductor sensor block base for plug in distribution blocks*			*4 conductor sensor ground block base for plug in distribution blocks*			*Plug In Distribution blocks — internally jumpered*		
Certifications	cULus	CSA	IEC	cULus	CSA	IEC	cULus	CSA	IEC
Voltage Rating (without LED)	300V AC/DC		250V AC/DC	300V AC/DC		250V AC/DC	300V AC/DC		250V AC/DC
Voltage Rating (with LED)	5…30V AC/DC			—			5…30V AC/DC		
Maximum Current	10 A		17.5 A	10 A		17.5 A	10 A		17.5 A
Wire Range (Rated Cross Section)	26…14 AWG		1.5 mm²	26…14 AWG		1.5 mm²	26…14 AWG		1.5 mm²
Wire Strip Length	0.39 in (10 mm)			0.39 in (10 mm)			0.39 in (10 mm)		
Density (Blocks per ft/meter)	59 per ft/196 per meter			59 per ft/196 per meter			59 per ft/196 per meter		
Housing Temperature Range	–58…+248 °F (–50…+120 °C)			–58…+248 °F (–50…+120 °C)			–58…+248 °F (–50…+120 °C)		

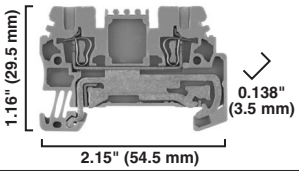
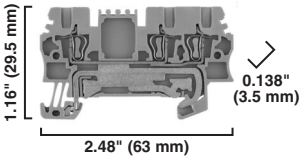
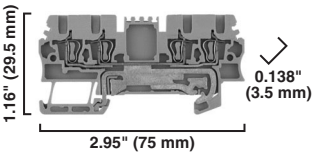
Terminal Blocks	**Cat. No.**	**Pcs/ Pkg**	**Cat. No.**	**Pcs/ Pkg**	**Cat. No.**	**Pcs/ Pkg**
Color: Gray (Without LED)	1492-LS2-4	50	—	—	—	—
Gray (With LED)	1492-LS2-4L	50	—	—	—	—
Green/Yellow	—	—	1492-LSG2-4	20	1492-LSG2	100
Brown	—	—	—	—	1492-LS2-BR	100
Blue	—	—	—	—	1492-LS2-B	100

Accessories	**Cat. No.**	**Pcs/ Pkg**	**Cat. No.**	**Pcs/ Pkg**	**Cat. No.**	**Pcs/ Pkg**
Mounting Rails: 1 m Symmetrical DIN (Steel)	199-DR1	10	199-DR1	10	—	—
1 m Symmetrical DIN (Aluminum)	1492-DR5	10	1492-DR5	10	—	—
1 m Hi-Rise Sym. DIN (Aluminum)	1492-DR6	2	1492-DR6	2	—	—
1 m Angled Hi-Rise Sym. DIN (Steel)	1492-DR7	2	1492-DR7	2	—	—
End Barriers Gray	1492-EBLS2-4	50	1492-EBLS2-4	50	Not required	—
End Anchors and Retainers Screwless End Retainer	1492-ERL35	20	1492-ERL35	20	—	—
DIN Rail — Normal Duty	1492-EAJ35	100	1492-EAJ35	100	—	—
DIN Rail — Heavy Duty	1492-EAHJ35	50	1492-EAHJ35	50	—	—
Jumpers: Plug-in Center Jumper — 50 Pole	1492-CJK5-50	10	—	—	—	—
Plug-in Center Jumper — 10 Pole	1492-CJK5-10	20	—	—	—	—
Plug-in Center Jumper — 9 Pole	1492-CJK5-9	20	—	—	—	—
Plug-in Center Jumper — 8 Pole	1492-CJK5-8	20	—	—	—	—
Plug-in Center Jumper — 7 Pole	1492-CJK5-7	20	—	—	—	—
Plug-in Center Jumper — 6 Pole	1492-CJK5-6	20	—	—	—	—
Plug-in Center Jumper — 5 Pole	1492-CJK5-5	20	—	—	—	—
Plug-in Center Jumper — 4 Pole	1492-CJK5-4	60	—	—	—	—
Plug-in Center Jumper — 3 Pole	1492-CJK5-3	60	—	—	—	—
Plug-in Center Jumper — 2 Pole	1492-CJK5-2	60	—	—	—	—
Other Accessories: Reducing Sleeves 28…24 AWG (0.13…0.2 mm²) White	1492-PSLS2-2	100	—	—	1492-PSLS2-2	100
Reducing Sleeves 22…20 AWG (0.25…0.5 mm²) Gray	1492-PSLS2-5	100	—	—	1492-PSLS2-5	100
Group Marking Carrier	1492-GM35	25	1492-GM35	25	1492-GM35	25
Marking Systems: Snap-In Marker Cards	1492-M5X5 (200/card)	5	1492-M5X5 (200/card)	5	—	—

∗ A combination of 3 distribution blocks must be used with each base block.

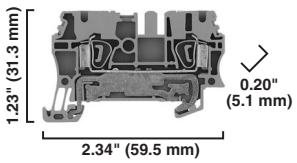
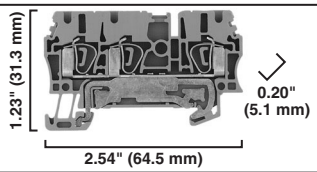
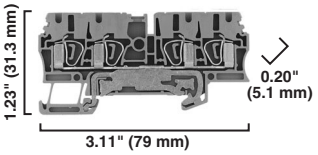
Spring-Clamp Connection Terminal Blocks

Grounding Blocks

	1492-LG2				1492-LG2T				1492-LG2Q			
Dimensions are not intended to be used for manufacturing purposes. **Note:** Height dimension is measured from top of rail to top of terminal block.												
Specifications	*Feed-through Ground Block*				*Feed-through Ground Block with 2 points on one side*				*Feed-through Ground Block with 2 points on each side*			
Certifications	cULus	CSA	IEC	EEx e II	cULus	CSA	IEC	EEx e II	cULus	CSA	IEC	EEx e II
Voltage Rating	—	—	—	—	—	—	—	—	—	—	—	—
Maximum Current	Grounding				Grounding				Grounding			
Wire Range (Rated Cross Section)	28…16 AWG		1.5 mm²	1.5 mm² (20…16 AWG)	28…16 AWG		1.5 mm²	1.5 mm² (20…16 AWG)	28…16 AWG		1.5 mm²	1.5 mm² (20…16 AWG)
Wire Strip Length	0.39 in (10 mm)				0.39 in (10 mm)				0.39 in (10 mm)			
Density (Blocks per ft/meter)	87 per ft/285 per meter				87 per ft/285 per meter				87 per ft/285 per meter			
Housing Temperature Range	–58…+248 °F (–50…+120 °C)				–58…+248 °F (–50…+120 °C)				–58…+248 °F (–50…+120 °C)			
Terminal Blocks	**Cat. No.**			**Pcs/ Pkg**	**Cat. No.**			**Pcs/ Pkg**	**Cat. No.**			**Pcs/ Pkg**
Color: Green/Yellow	1492-LG2			50	1492-LG2T			50	1492-LG2Q			50
Accessories	**Cat. No.**			**Pcs/ Pkg**	**Cat. No.**			**Pcs/ Pkg**	**Cat. No.**			**Pcs/ Pkg**
Mounting Rails: 1 m Symmetrical DIN (Steel)	199-DR1			10	199-DR1			10	199-DR1			10
1 m Symmetrical DIN (Aluminum)	1492-DR5			10	1492-DR5			10	1492-DR5			10
1 m Hi-Rise Symmetrical DIN (Aluminum)	1492-DR6			2	1492-DR6			2	1492-DR6			2
1 m Angled Hi-Rise Sym. DIN (Steel)	1492-DR7			2	1492-DR7			2	1492-DR7			2
End Barrier Yellow	1492-EBL2-Y			50	1492-EBL2T-Y			50	1492-EBL2Q-Y			50
End Anchors and Retainers Screwless End Retainer	1492-ERL35			20	1492-ERL35			20	1492-ERL35			20
DIN Rail — Normal Duty	1492-EAJ35			100	1492-EAJ35			100	1492-EAJ35			100
DIN Rail — Heavy Duty	1492-EAHJ35			50	1492-EAHJ35			50	1492-EAHJ35			50
Other Accessories: Reducing Sleeves 28…24 AWG (0.13…0.2 mm²) White	1492-PSL2-2			100	1492-PSL2-2			100	1492-PSL2-2			100
Reducing Sleeves 22…20 AWG (0.13…0.2 mm²) Gray	1492-PSL2-5			100	1492-PSL2-5			100	1492-PSL2-5			100
Test Plug (Stackable)	1492-TPL4			25	1492-TPL4			25	1492-TPL4			25
Group Marking Carrier	1492-GM35			25	1492-GM35			25	1492-GM35			25
Marking Systems: Snap-In Marker Cards	1492-M3X12 (120/card)			5	1492-M3X12 (120/card)			5	1492-M3X12 (120/card)			5
Snap-In Marker Cards	1492-M3X5 (100/card)			5	1492-M3X5 (100/card)			5	1492-M3X5 (100/card)			5

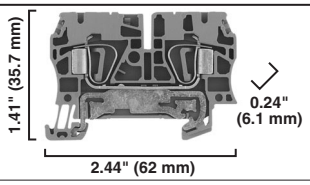
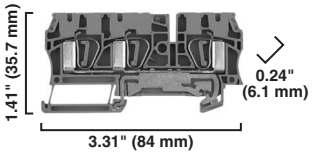
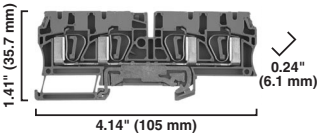
Spring-Clamp Connection Terminal Blocks

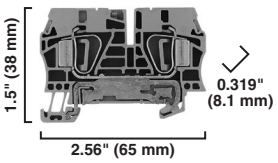
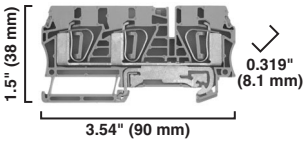
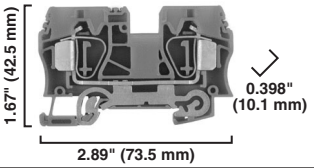
Grounding Blocks, Continued

	1492-LG3				1492-LG3T				1492-LG3Q			
Dimensions are not intended to be used for manufacturing purposes. **Note:** Height dimension is measured from top of rail to top of terminal block.												
Specifications	*Feed-through Ground Block*				*Feed-through Ground Block with 2 points on one side*				*Feed-through Ground Block with 2 points on each side*			
Certifications	cULus	CSA	IEC	EEx e II	cULus	CSA	IEC	EEx e II	cULus	CSA	IEC	EEx e II
Voltage Rating	—	—	—	—	—	—	—	—	—	—	—	—
Maximum Current	Grounding				Grounding				Grounding			
Wire Range (Rated Cross Section)	30…12 AWG		2.5 mm²	2.5 mm² (20…12 AWG)	30…12 AWG		2.5 mm²	2.5 mm² (20…12 AWG)	30…12 AWG		2.5 mm²	2.5 mm² (20…12 AWG)
Wire Strip Length	0.39 in (10 mm)				0.39 in (10 mm)				0.39 in (10 mm)			
Density (Blocks per ft/meter)	59 per ft/196 per meter				59 per ft/196 per meter				59 per ft/196 per meter			
Housing Temperature Range	–58…+248 °F (–50…+120 °C)				–58…+248 °F (–50…+120 °C)				–58…+248 °F (–50…+120 °C)			
Terminal Blocks	**Cat. No.**			**Pcs/ Pkg**	**Cat. No.**			**Pcs/ Pkg**	**Cat. No.**			**Pcs/ Pkg**
Color: Green/Yellow	1492-LG3			50	1492-LG3T			50	1492-LG3Q			50
Accessories	**Cat. No.**			**Pcs/ Pkg**	**Cat. No.**			**Pcs/ Pkg**	**Cat. No.**			**Pcs/ Pkg**
Mounting Rails: 1 m Symmetrical DIN (Steel)	199-DR1			10	199-DR1			10	199-DR1			10
1 m Symmetrical DIN (Aluminum)	1492-DR5			10	1492-DR5			10	1492-DR5			10
1 m Hi-Rise Symmetrical DIN (Aluminum)	1492-DR6			2	1492-DR6			2	1492-DR6			2
1 m Symmetrical Heavy Duty DIN (Steel)	199-DR9			5	199-DR9			5	199-DR9			5
End Barrier Yellow	1492-EBL3-Y			50	1492-EBL3T-Y			50	1492-EBL3Q-Y			50
End Anchors and Retainers: Screwless End Retainer	1492-ERL35			20	1492-ERL35			20	1492-ERL35			20
DIN Rail — Normal Duty	1492-EAJ35			100	1492-EAJ35			100	1492-EAJ35			100
DIN Rail — Heavy Duty	1492-EAHJ35			50	1492-EAHJ35			50	1492-EAHJ35			50
Other Accessories: Reducing Sleeves 30…24 AWG (0.13…0.2 mm²) White	1492-PSL3-2			100	1492-PSL3-2			100	1492-PSL3-2			100
Reducing Sleeves 22…20 AWG 0.25…0.5 mm²) Gray	1492-PSL3-5			100	1492-PSL3-5			100	1492-PSL3-5			100
Reducing Sleeves 18 AWG (0.75…1.0 mm²) Dark Gray	1492-PSL3-10			100	1492-PSL3-10			100	1492-PSL3-10			100
Test Plug	1492-TP23			20	1492-TP23			20	1492-TP23			20
Test Plug (Stackable)	1492-TPL5			25	1492-TPL5			25	1492-TPL5			25
Group Marking Carrier	1492-GM35			25	1492-GM35			25	1492-GM35			25
Marking Systems: Snap-In Marker Cards	1492-M5X10 (144/card)			5	1492-M5X10 (144/card)			5	1492-M5X10 (144/card)			5
Snap-In Marker Cards	1492-M5X5 (200/card)			5	1492-M5X5 (200/card)			5	1492-M5X5 (200/card)			5
Hinged Marker Cards	1492-MH5X10 (96/card)			5	1492-MH5X10 (96/card)			5	1492-MH5X10 (96/card)			5
Hinged Marker Cards	1492-MH5X15 (96/card)			5	1492-MH5X15 (96/card)			5	1492-MH5X15 (96/card)			5

Spring-Clamp Connection Terminal Blocks

Grounding Blocks, Continued

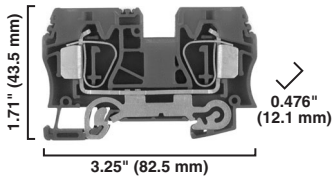
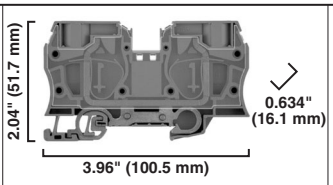
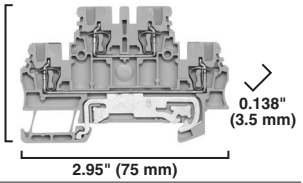
	1492-LG4				1492-LG4T				1492-LG4Q			
Dimensions are not intended to be used for manufacturing purposes. **Note:** Height dimension is measured from top of rail to top of terminal block.												
Specifications	*Feed-through Ground Block*				*Feed-through Ground Block with 2 points on one side*				*Feed-through Ground Block with 2 points on each side*			
Certifications	cULus	CSA	IEC	EEx e II	cULus	CSA	IEC	EEx e II	cULus	CSA	IEC	EEx e II
Voltage Rating	—	—	—	—	—	—	—	—	—	—	—	—
Maximum Current	Grounding				Grounding				Grounding			
Wire Range (Rated Cross Section)	26…10 AWG		4 mm²	4 mm² (20…10 AWG)	26…10 AWG		4 mm²	4 mm² (20…12 AWG)	26…10 AWG		4 mm²	4 mm² (20…12 AWG)
Wire Strip Length	0.47 in (12 mm)				0.47 in (12 mm)				0.47 in (12 mm)			
Density (Blocks per ft/meter)	49 per ft/163 per meter				49 per ft/163 per meter				49 per ft/163 per meter			
Housing Temperature Range	–58…+248 °F (–50…+120 °C)				–58…+248 °F (–50…+120 °C)				–58…+248 °F (–50…+120 °C)			
Terminal Blocks	**Cat. No.**			**Pcs/ Pkg**	**Cat. No.**			**Pcs/ Pkg**	**Cat. No.**			**Pcs/ Pkg**
Color: Green/Yellow	1492-LG4			50	1492-LG4T			50	1492-LG4Q			50
Accessories	**Cat. No.**			**Pcs/ Pkg**	**Cat. No.**			**Pcs/ Pkg**	**Cat. No.**			**Pcs/ Pkg**
Mounting Rails: 1 m Symmetrical DIN (Steel)	199-DR1			10	199-DR1			10	199-DR1			10
1 m Symmetrical DIN (Aluminum)	1492-DR5			10	1492-DR5			10	1492-DR5			10
1 m Hi-Rise Symmetrical DIN (Aluminum)	1492-DR6			2	1492-DR6			2	1492-DR6			2
1 m Angled Hi-Rise Sym. DIN (Steel)	1492-DR7			2	1492-DR7			2	1492-DR7			2
End Barrier Yellow	1492-EBL4-Y			50	1492-EBL4T-Y			50	1492-EBL4Q-Y			50
End Anchors and Retainers Screwless End Retainer	1492-ERL35			20	1492-ERL35			20	1492-ERL35			20
DIN Rail — Normal Duty	1492-EAJ35			100	1492-EAJ35			100	1492-EAJ35			100
DIN Rail — Heavy Duty	1492-EAHJ35			50	1492-EAHJ35			50	1492-EAHJ35			50
Other Accessories: Reducing Sleeves 26…24 AWG (0.13…0.2 mm²) White	1492-PSL4-2			100	1492-PSL4-2			100	1492-PSL4-2			100
Reducing Sleeves 22…20 AWG (0.25…0.5 mm²) Gray	1492-PSL4-5			100	1492-PSL4-5			100	1492-PSL4-5			100
Reducing Sleeves 18 AWG (0.75…1.0 mm²) Dark Gray	1492-PSL4-10			100	1492-PSL4-10			100	1492-PSL4-10			100
Test Plug	1492-TP23			20	1492-TP23			20	1492-TP23			20
Test Plug (Stackable)	1492-TPL6			25	1492-TPL6			25	1492-TPL6			25
Group Marking Carrier	1492-GM35			25	1492-GM35			25	1492-GM35			25
Marking Systems: Snap-In Marker Cards	1492-M6X10 (120/card)			5	1492-M6X10 (120/card)			5	1492-M6X10 (120/card)			5
Snap-In Marker Cards	1492-M6X5 (200/card)			5	1492-M6X5 (200/card)			5	1492-M6X5 (200/card)			5
Hinged Marker Cards	1492-MH6X12 (80/card)			5	1492-MH6X12 (80/card)			5	1492-MH6X12 (80/card)			5

	1492-LG6				1492-LG6T				1492-LG10			
Dimensions are not intended to be used for manufacturing purposes. **Note:** Height dimension is measured from top of rail to top of terminal block.												
Specifications	*Feed-through Ground Block*				*Feed-through Ground Block with 2 points on one side*				*Feed-through Ground Block*			
Certifications	cULus	CSA	IEC	EEx e II	cULus	CSA	IEC	EEx e II	cULus	CSA	IEC	EEx e II
Voltage Rating	—	—	—	—	—	—	—	—	—	—	—	—
Maximum Current	Grounding				Grounding				Grounding			
Wire Range (Rated Cross Section)	22…8 AWG		6 mm²	6 mm² (20… 8 AWG)	22…8 AWG		6 mm²	6 mm² (20… 10 AWG)	16…6 AWG		10 mm²	10 mm² (16… 8 AWG)
Wire Strip Length	0.51 in (13 mm)				0.51 in (13 mm)				0.70 in (18 mm)			
Density (Blocks per ft/meter)	37 per ft/123 per meter				37 per ft/123 per meter				30 per ft/99 per meter			
Housing Temperature Range	–58…+248 °F (–50…+120 °C)				–58…+248 °F (–50…+120 °C)				–58…+248 °F (–50…+120 °C)			
Terminal Blocks	**Cat. No.**			**Pcs/ Pkg**	**Cat. No.**			**Pcs/ Pkg**	**Cat. No.**			**Pcs/ Pkg**
Color: Green/Yellow	1492-LG6			50	1492-LG6T			50	1492-LG10			25
Accessories	**Cat. No.**			**Pcs/ Pkg**	**Cat. No.**			**Pcs/ Pkg**	**Cat. No.**			**Pcs/ Pkg**
Mounting Rails: 1 m Symmetrical DIN (Steel)	199-DR1			10	199-DR1			10	199-DR1			10
1 m Symmetrical DIN (Aluminum)	1492-DR5			10	1492-DR5			10	1492-DR5			10
1 m Hi-Rise Symmetrical DIN (Aluminum)	1492-DR6			2	1492-DR6			2	1492-DR6			2
1 m Angled Hi-Rise Sym. DIN (Steel)	1492-DR7			2	1492-DR7			2	1492-DR7			2
End Barrier Yellow	1492-EBL6-Y			50	1492-EBL6T-Y			50	1492-EBL10-Y			20
End Anchors and Retainers Screwless End Retainer	1492-ERL35			20	1492-ERL35			20	1492-ERL35			20
DIN Rail — Normal Duty	1492-EAJ35			100	1492-EAJ35			100	1492-EAJ35			100
DIN Rail — Heavy Duty	1492-EAHJ35			50	1492-EAHJ35			50	1492-EAHJ35			50
Other Accessories: Test Plug	1492-TPL8			25	1492-TPL8			25	1492-TP23			20
Group Marking Carrier	1492-GM35			25	1492-GM35			25	1492-GM35			25
Marking Systems: Snap-In Marker Cards	1492-M6X12 (120/card)∗			5	1492-M6X12 (120/card)∗			5	1492-M6X12 (120/card)∗			5
Snap-In Marker Cards	1492-M8X5 (160/card)			5	1492-M8X5 (160/card)			5	1492-M8X5 (160/card)			5
Hinged Marker Cards	1492-MH6X12 (80/card)			5	1492-MH6X12 (80/card)			5	1492-MH5X15 (96/card)			5

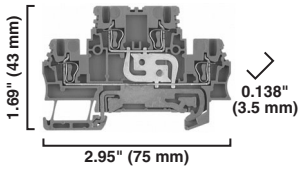
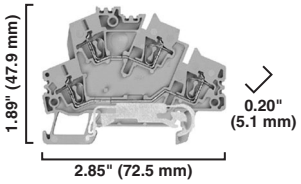
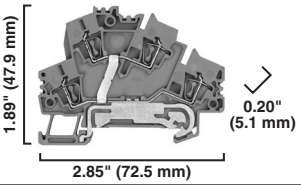
∗ May only be mounted in terminal block corner marking positions.

Spring-Clamp Connection Terminal Blocks

Grounding Blocks, Continued

	1492-LG16				1492-LG35			1492-LDG2		
Dimensions are not intended to be used for manufacturing purposes. **Note:** Height dimension is measured from top of rail to top of terminal block.										
Specifications	*Feed-through Ground Block*				*Feed-through Ground Block*			*Two Circuit Block with 1 Feed-Through and 1 Ground Circuit*		
Certifications	cULus	CSA	IEC	EEx e II	cULus	CSA	IEC	cULus	CSA	IEC
Voltage Rating	—	—	—	—	—	—	—	300V AC/DC		500V AC/DC
Maximum Current	Grounding				Grounding			10 A		17.5 A
Wire Range (Rated Cross Section)	14…4 AWG		16 mm²	16 mm² (16…6 AWG)	12…2 AWG		35 mm²	28…16 AWG		1.5 mm²
Wire Strip Length	0.70 in (18 mm)				0.98 in (25 mm)			0.31 in (8 mm)		
Density (Blocks per ft/meter)	25 per ft/82 per meter				18 per ft/62 per meter			87 per ft/285 per meter		
Housing Temperature Range	–58…+248 °F (–50…+120 °C)				–58…+248 °F (–50…+120 °C)			–58…+248 °F (–50…+120 °C)		
Terminal Blocks	**Cat. No.**			**Pcs/ Pkg**	**Cat. No.**		**Pcs/ Pkg**	**Cat. No.**		**Pcs/ Pkg**
Color: Green/Yellow	1492-LG16			25	1492-LG35		10	—		—
Gray	—			—	—		—	1492-LDG2		50
Accessories	**Cat. No.**			**Pcs/ Pkg**	**Cat. No.**		**Pcs/ Pkg**	**Cat. No.**		**Pcs/ Pkg**
Mounting Rails: 1 m Symmetrical DIN (Steel)	199-DR1			10	199-DR1		10	199-DR1		10
1 m Symmetrical Heavy Duty DIN (Steel, Unslotted)	199-DR4			5	199-DR4		5	199-DR4		5
1 m Symmetrical DIN (Aluminum)	1492-DR5			10	1492-DR5		10	1492-DR5		10
1 m Hi-Rise Symmetrical DIN (Aluminum)	1492-DR6			2	1492-DR6		2	1492-DR6		2
1 m Angled Hi-Rise Sym. DIN (Steel)	1492-DR7			2	1492-DR7		2	1492-DR7		2
1 m Symmetrical Heavy Duty DIN (Copper, Unslotted)	1492-DR8			5	1492-DR8		5	1492-DR8		5
1 m Symmetrical Heavy Duty DIN (Steel)	1492-DR9			5	1492-DR9		5	1492-DR9		5
End Barrier Yellow	1492-EBL16-Y			20	Integrated		—	—		—
Gray	—			—	—		—	1492-EBLD2		50
End Anchors and Retainers Screwless End Retainer	1492-ERL35			20	1492-ERL35		20	1492-ERL35		20
DIN Rail — Normal Duty	1492-EAJ35			100	1492-EAJ35		100	1492-EAJ35		100
DIN Rail — Heavy Duty	1492-EAHJ35			50	1492-EAHJ35		50	1492-EAHJ35		50
Other Accessories: Reducing Sleeves 26…24 AWG (0.13…0.2 mm²) White	—			—	—		—	1492-PSL2-2		100
Reducing Sleeves 22…20 AWG (0.25…0.5 mm²) Gray	—			—	—		—	1492-PSL2-5		100
Test Plug	1492-TP23			20	1492-TP23		20	1492-TPL4		25
Electrical Warning Plate	—			—	—		—	1492-EWPL4		20
Group Marking Carrier	1492-GM35			25	1492-GM35		25	1492-GM35		25
Marking Systems: Snap-In Marker Cards	1492-M7X12 (108/card)*			5	1492-M7X12 (108/card)*		5	1492-M3X12 (120/card)*		5
Snap-In Marker Cards	1492-M8X5 (160/card)			5	1492-M8X5 (160/card)		5	1492-M3X5 (100/card)		5
Hinged Marker Cards	1492-MH5X15 (96/card)			5	1492-MH5X10 (96/card)		—	—		—

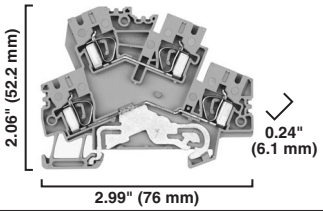
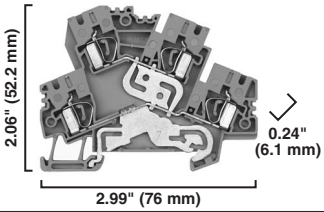
* May only be mounted in terminal block corner marking positions.

	1492-LDG2C			1492-LDG3			1492-LDG3C		
Dimensions are not intended to be used for manufacturing purposes. **Note:** Height dimension is measured from top of rail to top of terminal block.									
Specifications	*Single Circuit, Two-level Ground Block with 2 Connection Points on Each Side*			*Two Circuit Block with 1 Feed-through and 1 Ground Circuit*			*Single Circuit, Two-level Ground Block with 2 Connection Points on Each Side*		
Certifications	cULus	CSA	IEC	cULus	CSA	IEC	cULus	CSA	IEC
Voltage Rating	—	—	—	600V AC/DC		800V AC/DC	—	—	—
Maximum Current	Grounding			20 A		24 A	Grounding		
Wire Range (Rated Cross Section)	28…16 AWG		1.5 mm²	26…12 AWG		2.5 mm²	26…12 AWG		2.5 mm²
Wire Strip Length	0.39 in (10 mm)			0.39 in (10 mm)			0.39 in (10 mm)		
Density (Blocks per ft/meter)	87 per ft/285 per meter			59 per ft/196 per meter			59 per ft/196 per meter		
Housing Temperature Range	–58…+248 °F (–50…+120 °C)			–58…+248 °F (–50…+120 °C)			–58…+248 °F (–50…+120 °C)		
Terminal Blocks	**Cat. No.**		**Pcs/ Pkg**	**Cat. No.**		**Pcs/ Pkg**	**Cat. No.**		**Pcs/ Pkg**
Color: Green/Yellow	1492-LDG2C		50	—		—	1492-LDG3C		25
Gray	—		—	1492-LDG3		25	—		—
Accessories	**Cat. No.**		**Pcs/ Pkg**	**Cat. No.**		**Pcs/ Pkg**	**Cat. No.**		**Pcs/ Pkg**
Mounting Rails: 1 m Symmetrical DIN (Steel)	199-DR1		10	199-DR1		10	199-DR1		10
1 m Symmetrical DIN (Aluminum)	1492-DR5		10	1492-DR5		10	1492-DR5		10
1 m Hi-Rise Symmetrical DIN (Aluminum)	1492-DR6		2	1492-DR6		2	1492-DR6		2
1 m Angled Hi-Rise Sym. DIN (Steel)	1492-DR7		2	1492-DR7		2	1492-DR7		2
End Barrier Yellow	1492-EBLD2-Y		20	—		—	1492-EBLD3-Y		20
Gray	—		—	1492-EBLD3		20	—		—
End Anchors and Retainers Screwless End Retainer	1492-ERL35		20	1492-ERL35		20	1492-ERL35		20
DIN Rail — Normal Duty	1492-EAJ35		100	1492-EAJ35		100	1492-EAJ35		100
DIN Rail — Heavy Duty	1492-EAHJ35		50	1492-EAHJ35		50	1492-EAHJ35		50
Other Accessories: Reducing Sleeves 26…24 AWG (0.13…0.2 mm²) White	1492-PSL2-2		100	1492-PSLS2-2		100	1492-PSLS2-2		100
Reducing Sleeves 22…20 AWG 0.25…0.5 mm²) Gray	1492-PSL2-5		100	1492-PSLS2-5		100	1492-PSLS2-5		100
Test Plug (Stackable)	1492-TPL4		25	—		—	—		—
Group Marking Carrier	1492-GM35		25	1492-GM35		25	1492-GM35		25
Marking Systems: Snap-In Marker Cards	1492-M3X12 (120/card)*		5	1492-M5X10 (144/card)		5	1492-M5X10 (144/card)		5
Snap-In Marker Cards	1492-M3X5 (100/card)		5	1492-M5X5 (200/card)		5	1492-M5X5 (200/card)		5

* May only be mounted in terminal block corner marking positions.

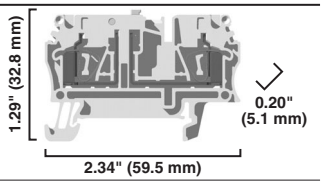
Spring-Clamp Connection Terminal Blocks

Grounding Blocks, Continued

	1492-LDG4			1492-LDG4C		
Dimensions are not intended to be used for manufacturing purposes. **Note:** Height dimension is measured from top of rail to top of terminal block.						
Specifications	*Two Circuit Block with 1 Feed-Through and 1 Ground Circuit*			*Single Circuit, Two-level Ground Block with 2 Connection Points on Each Side*		
Certifications	cULus	CSA	IEC	cULus	CSA	IEC
Voltage Rating	600V AC/DC		800V AC/DC	—	—	—
Maximum Current	25 A		32 A	Grounding		
Wire Range (Rated Cross Section)	26…10 AWG		4 mm²	26…10 AWG		4 mm²
Wire Strip Length	0.39 in (10 mm)			0.39 in (10 mm)		
Density (Blocks per ft/meter)	49 per ft/163 per meter			49 per ft/163 per meter		
Housing Temperature Range	–58…+248 °F (–50…+120 °C)			–58…+248 °F (–50…+120 °C)		
Terminal Blocks	**Cat. No.**		**Pcs/ Pkg**	**Cat. No.**		**Pcs/ Pkg**
Color: Green/Yellow	—		—	1492-LDG4C		25
Gray	1492-LDG4		25	—		—
Accessories	**Cat. No.**		**Pcs/ Pkg**	**Cat. No.**		**Pcs/ Pkg**
Mounting Rails: 1 m Symmetrical DIN (Steel)	199-DR1		10	199-DR1		10
1 m Symmetrical DIN (Aluminum)	1492-DR5		10	1492-DR5		10
1 m Hi-Rise Symmetrical DIN (Aluminum)	1492-DR6		2	1492-DR6		2
1 m Angled Hi-Rise Sym. DIN (Steel)	1492-DR7		2	1492-DR7		2
End Barrier Yellow	—		—	1492-EBLD4-Y		20
Gray	1492-EBLD4		20	—		—
End Anchors and Retainers Screwless End Retainer	1492-ERL35		20	1492-ERL35		20
DIN Rail — Normal Duty	1492-EAJ35		100	1492-EAJ35		100
DIN Rail — Heavy Duty	1492-EAHJ35		50	1492-EAHJ35		50
Other Accessories: Test Plug	1492-TP23		20	—		—
Electrical Warning Plate	1492-EWPL6		20	—		—
Group Marking Carrier	1492-GM35		25	1492-GM35		25
Marking Systems: Snap-In Marker Cards	1492-M6X10 (120/card)		5	1492-M6X10 (120/card)		5
Snap-In Marker Cards	1492-M6X5 (200/card)		5	1492-M6X5 (200/card)		5

1492-LKD3

Dimensions are not intended to be used for manufacturing purposes.
Note: Height dimension is measured from top of rail to top of terminal block.



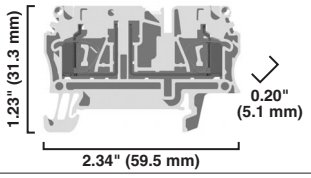
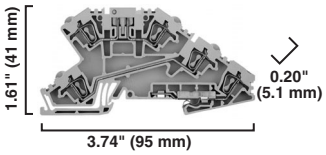
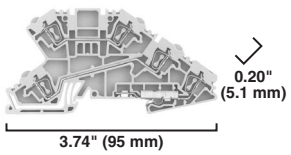
Specifications	*Knife Disconnect Feed-through Terminal Block*		
Certifications		**CSA**	**IEC**
Voltage Rating	600V AC/DC		500V AC/DC
Maximum Current	20 A		24 A
Wire Range (Rated Cross Section)	30…12 AWG		2.5 mm²
Wire Strip Length	0.39 in (10 mm)		
Density (Blocks per foot/meter)	59 per ft/196 per meter		
Housing Temperature Range	–58…+248 °F (–50…+120 °C)		

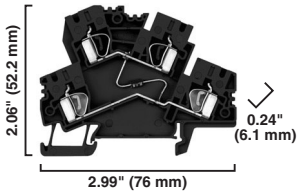
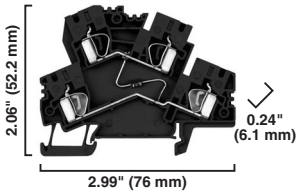
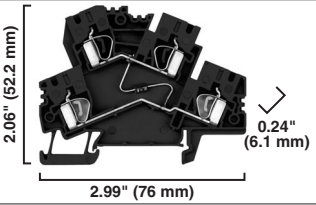
Terminal Blocks	**Cat. No.**	**Pcs/ Pkg**
Color Gray	1492-LKD3	25

Accessories	**Cat. No.**	**Pcs/ Pkg**
Mounting Rails 1 m Symmetrical DIN (Steel)	199-DR1	10
1 m Symmetrical DIN (Aluminum)	1492-DR5	10
1 m Hi-Rise Sym. DIN (Aluminum)	1492-DR6	2
1 m Angled Hi-Rise Sym. DIN (Steel)	1492-DR7	2
End Barriers Gray	1492-EBL3	50
End Anchors and Retainers Screwless End Retainer	1492-ERL35	20
DIN Rail — Normal Duty	1492-EAJ35	100
DIN Rail — Heavy Duty	1492-EAHJ35	50
Jumpers Plug-in Center Jumper — 50 Pole	1492-CJK5-50	10
Plug-in Center Jumper — 10 Pole	1492-CJK5-10	20
Plug-in Center Jumper — 9 Pole	1492-CJK5-9	20
Plug-in Center Jumper — 8 Pole	1492-CJK5-8	20
Plug-in Center Jumper — 7 Pole	1492-CJK5-7	20
Plug-in Center Jumper — 6 Pole	1492-CJK5-6	20
Plug-in Center Jumper — 5 Pole	1492-CJK5-5	20
Plug-in Center Jumper — 4 Pole	1492-CJK5-4	60
Plug-in Center Jumper — 3 Pole	1492-CJK5-3	60
Plug-in Center Jumper — 2 Pole	1492-CJK5-2	60
Other Accessories Reducing Sleeves 28…24 AWG (0.13…0.2 mm²) White	1492-PSL3-2	100
Reducing Sleeves 22…20 AWG (0.25…0.5 mm²) Gray	1492-PSL3-5	100
Reducing Sleeves 18 AWG (0.75…1.0 mm²) Dark Gray	1492-PSL3-10	100
Test Plug	1492-TP23	20
Test Plug (Stackable)	1492-TPL5	25
Electrical Warning Plate	1492-EWPL5	20
Group Marking Carrier	1492-GM35	25
Marking Systems Snap-In Marker Cards	1492-M5X10 (144/card)	5
Snap-In Marker Cards	1492-M5X5 (200/card)	5

Spring-Clamp Connection Terminal Blocks

Plug-In Style Blocks (Cat. Nos. 1492-L3P, -LDG3P) and Analog Loop Control Block (Cat. No. 1492-LDAG3)

	1492-L3P	1492-LDG3P	1492-LDAG3
Dimensions are not intended to be used for manufacturing purposes. **Note:** Height dimension is measured from top of rail to top of terminal block.			
Specifications	*Single Circuit Plug-In Component Block for a Variety of Components*	*Terminal Block with slot for Plug-In Component, Feed-Through Circuit and 1 Ground Connection*	*Analog Loop Control Terminal Block with 2 Feed-Through Circuits and 1 Ground Connection*
Certifications	cULus, CSA, IEC	cULus, CSA, IEC	cULus, CSA, IEC
Voltage Rating	600V AC/DC, 500V AC/DC	300V AC/DC, 250V AC/DC	300V AC/DC, 400V AC/DC
Maximum Current	20 A, 24 A	10 A, 6.3 A	10 A, 24 A
Wire Range (Rated Cross Section)	30…12 AWG, 4 mm²	26…12 AWG, 2.5 mm²	26…12 AWG, 2.5 mm²
Wire Strip Length	0.39 in (10 mm)	0.31 in (8 mm)	0.31 in (8 mm)
Density (Blocks per foot/meter)	59 per ft/196 per meter	59 per ft/196 per meter	59 per ft/196 per meter
Housing Temperature Range	–58…+248 °F (–50…+120 °C)	–58…+248 °F (–50…+120 °C)	–58…+248 °F (–50…+120 °C)
Terminal Blocks	**Cat. No.** / **Pcs/ Pkg**	**Cat. No.** / **Pcs/ Pkg**	**Cat. No.** / **Pcs/ Pkg**
Color Gray	1492-L3P / 25	1492-LDG3P / 25	1492-LDAG3 / 25
Accessories	**Cat. No.** / **Pcs/ Pkg**	**Cat. No.** / **Pcs/ Pkg**	**Cat. No.** / **Pcs/ Pkg**
Mounting Rails 1 m Symmetrical DIN (Steel)	199-DR1 / 10	199-DR1 / 10	199-DR1 / 10
1 m Symmetrical DIN (Aluminum)	1492-DR5 / 10	1492-DR5 / 10	1492-DR5 / 10
1 m Hi-Rise Symmetrical DIN (Aluminum)	1492-DR6 / 2	1492-DR6 / 2	1492-DR6 / 2
1 m Angled Hi-Rise Sym. DIN (Steel)	1492-DR7 / 2	1492-DR7 / 2	1492-DR7 / 2
End Barrier	1492-EBL3 / 50	1492-EBLDAG3 / 20	1492-EBLDAG3 / 20
End Anchors and Retainers Screwless End Retainer	1492-ERL35 / 20	1492-ERL35 / 20	1492-ERL35 / 20
DIN Rail — Normal Duty	1492-EAJ35 / 100	1492-EAJ35 / 100	1492-EAJ35 / 100
DIN Rail — Heavy Duty	1492-EAHJ35 / 50	1492-EAHJ35 / 50	1492-EAHJ35 / 50
Jumpers Plug-In Center Jumper — 50 pole	1492-CJK5-50 / 10	1492-CJLJ5-50 / 10	1492-CJLJ5-50 / 10
Plug-In Center Jumper — 10 pole	1492-CJK5-10 / 20	1492-CJLJ5-10 / 20	1492-CJLJ5-10 / 20
Plug-In Center Jumper — 9 pole	1492-CJK5-9 / 20	1492-CJLJ5-9 / 20	1492-CJLJ5-9 / 20
Plug-In Center Jumper — 8 pole	1492-CJK5-8 / 20	1492-CJLJ5-8 / 20	1492-CJLJ5-8 / 20
Plug-In Center Jumper — 7 pole	1492-CJK5-7 / 20	1492-CJLJ5-7 / 20	1492-CJLJ5-7 / 20
Plug-In Center Jumper — 6 pole	1492-CJK5-6 / 20	1492-CJLJ5-6 / 20	1492-CJLJ5-6 / 20
Plug-In Center Jumper — 5 pole	1492-CJK5-5 / 20	1492-CJLJ5-5 / 20	1492-CJLJ5-5 / 20
Plug-In Center Jumper — 4 pole	1492-CJK5-4 / 60	1492-CJLJ5-4 / 60	1492-CJLJ5-4 / 60
Plug-In Center Jumper — 3 pole	1492-CJK5-3 / 60	1492-CJLJ5-3 / 60	1492-CJLJ5-3 / 60
Plug-In Center Jumper — 2 pole	1492-CJK5-2 / 60	1492-CJLJ5-2 / 60	1492-CJLJ5-2 / 60
Other Accessories Disconnect Plug	1492-DPL / 50	1492-DPL / 50	— / —
Component Plug	1492-CPL / 50	1492-CPL / 50	— / —
Fuse Plug Without Blown Fuse Indicator	1492-FPK2 / 20	1492-FPK2 / 20	— / —
10…36V Blown Fuse Indicator	1492-FPK224 / 20	1492-FPK224 / 20	— / —
35…70V Blown Fuse Indicator	1492-FPK248 / 20	1492-FPK248 / 20	— / —
60…150V Blown Fuse Indicator	1492-FPK2120 / 20	1492-FPK2120 / 20	— / —
140…250V Blown Fuse Indicator	1492-FPK2250 / 20	1492-FPK2250 / 20	— / —
Reducing Sleeves 28…24 AWG (0.13…0.2 mm²) White	1492-PSL3-2 / 100	— / —	— / —
Reducing Sleeves 22…20 AWG (0.25…0.5 mm²) Gray	1492-PSL3-5 / 100	— / —	— / —
Reducing Sleeves 18 AWG (0.75…1.0 mm²) Dark Gray	1492-PSL3-10 / 100	— / —	— / —
Test Plug	1492-TPL5 / 25	1492-TP23 / 20	— / —
Electrical Warning Plate	1492-EWPL5 / 20	— / —	— / —
Group Marking Carrier	1492-GM35 / 25	1492-GM35 / 25	1492-GM35 / 25
Marking Systems Snap-In Marker Cards	1492-M5X10 (144/card) / 5	1492-M5X10 (144/card) / 5	1492-M5X10 (144/card) / 5
Snap-In Marker Cards	1492-M5X5 (200/card) / 5	1492-M5X5 (200/card) / 5	1492-M5X5 (200/card) / 5

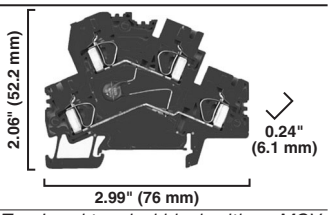
	1492-LD4DF*	1492-LD4DR*	1492-LD4RB...*
Dimensions are not intended to be used for manufacturing purposes. **Note:** Height dimension is measured from top of rail to top of terminal block.			
Specifications	*Two-level terminal block with an IN4007 diode in forward bias between the 2 levels.*	*Two-level terminal block with an IN4007 diode in reverse bias between the 2 levels.*	*Two-level terminal block with a selectable metal oxide film resistor value between the 2 levels.*
Certifications	cULus / CSA / IEC	cULus / CSA / IEC	cULus / CSA / IEC
Voltage Rating	600V AC/DC / 800V AC/DC	600V AC/DC / 800V AC/DC	600V AC/DC / 800V AC/DC
Maximum Current	25 A / 32 A	25 A / 32 A	25 A / 32 A
Component Current/Wattage Rating*	1 A	1 A	0.25 W
Wire Range (Rated Cross Section)	26…10 AWG / 4mm²	26…10 AWG / 4mm²	26…10 AWG / 4mm²
Wire Strip Length	0.39 in (10 mm)	0.39 in (10 mm)	0.39 in (10 mm)
Density (Blocks per foot/meter)	49 per ft/163 per meter	49 per ft/163 per meter	49 per ft/163 per meter
Housing Temperature Range	–58…+248 °F (–50…+120 °C)	–58…+248 °F (–50…+120 °C)	–58…+248 °F (–50…+120 °C)
Terminal Blocks	**Cat. No.** / **Pcs/ Pkg**	**Cat. No.** / **Pcs/ Pkg**	**Cat. No.** / **Pcs/ Pkg**
Color Black	1492-LD4DF / 1	1492-LD4DR / 1	1492-LD4RB† / 1
Accessories	**Cat. No.** / **Pcs/ Pkg**	**Cat. No.** / **Pcs/ Pkg**	**Cat. No.** / **Pcs/ Pkg**
Mounting Rails 1 m Symmetrical DIN (Steel)	199-DR1 / 10	199-DR1 / 10	199-DR1 / 10
1 m Symmetrical DIN (Aluminum)	1492-DR5 / 10	1492-DR5 / 10	1492-DR5 / 10
1 m Hi-Rise Symmetrical DIN (Aluminum)	1492-DR6 / 2	1492-DR6 / 2	1492-DR6 / 2
1 m Angled Hi-Rise Sym. DIN (Steel)	1492-DR7 / 2	1492-DR7 / 2	1492-DR7 / 2
End Barrier Gray	1492-EBLD4 / 20	1492-EBLD4 / 20	1492-EBLD4 / 20
End Anchors and Retainers Screwless End Retainer	1492-ERL35 / 20	1492-ERL35 / 20	1492-ERL35 / 20
DIN Rail — Normal Duty	1492-EAJ35 / 100	1492-EAJ35 / 100	1492-EAJ35 / 100
DIN Rail — Heavy Duty	1492-EAHJ35 / 50	1492-EAHJ35 / 50	1492-EAHJ35 / 50
Jumpers Plug-in Center Jumper — 10 pole	1492-CJK6-10 / 20	1492-CJK6-10 / 20	1492-CJK6-10 / 20
Plug-in Center Jumper — 9 pole	1492-CJK6-9 / 20	1492-CJK6-9 / 20	1492-CJK6-9 / 20
Plug-in Center Jumper — 8 pole	1492-CJK6-8 / 20	1492-CJK6-8 / 20	1492-CJK6-8 / 20
Plug-in Center Jumper — 7 pole	1492-CJK6-7 / 20	1492-CJK6-7 / 20	1492-CJK6-7 / 20
Plug-in Center Jumper — 6 pole	1492-CJK6-6 / 20	1492-CJK6-6 / 20	1492-CJK6-6 / 20
Plug-in Center Jumper — 5 pole	1492-CJK6-5 / 20	1492-CJK6-5 / 20	1492-CJK6-5 / 20
Plug-in Center Jumper — 4 pole	1492-CJK6-4 / 60	1492-CJK6-4 / 60	1492-CJK6-4 / 60
Plug-in Center Jumper — 3 pole	1492-CJK6-3 / 60	1492-CJK6-3 / 60	1492-CJK6-3 / 60
Plug-in Center Jumper — 2 pole	1492-CJK6-2 / 60	1492-CJK6-2 / 60	1492-CJK6-2 / 60
Other Accessories Test Plug	1492-TP23 / 20	1492-TP23 / 20	1492-TP23 / 20
Group Marking Carrier	1492-GM35 / 25	1492-GM35 / 25	1492-GM35 / 25
Marking Systems Snap-In Marker Cards	1492-M6X10 (120/card) / 5	1492-M6X10 (120/card) / 5	1492-M6X10 (120/card) / 5
Snap-In Marker Cards	1492-M6X5 (200/card) / 5	1492-M6X5 (200/card) / 5	1492-M6X5 (200/card) / 5

* For component specifications, see page 12-155

† Cat. no. is incomplete. To complete the cat. no, see page 12-157 for resistor value (10…4750 Ω).

Spring-Clamp Connection Terminal Blocks

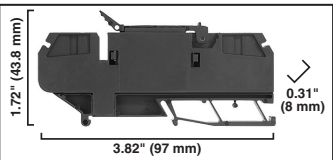
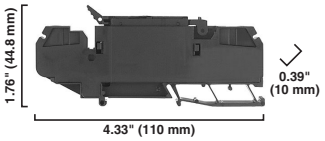
Internal Component Blocks (Diode, Resistor, Surge Suppressor), Continued

	1492-LD4SS*
Dimensions are not intended to be used for manufacturing purposes. **Note:** Height dimension is measured from top of rail to top of terminal block.	
Specifications	*Two Level terminal block with an MOV between the 2 levels.*
Certifications	cULus / CSA / IEC
Voltage Rating	600V AC/DC / 800V AC/DC
Nominal Working Voltage	120V
Maximum Current	25 A / 32 A
Wire Range (Rated Cross Section)	26…10 AWG / 4mm²
Wire Strip Length	0.39 in (10 mm)
Density (Blocks per foot/meter)	49 per ft/163 per meter
Housing Temperature Range	–58…+248 °F (–50…+120 °C)

Terminal Blocks	**Cat. No.**	**Pcs/ Pkg**
Color Black	1492-LD4SS	1

Accessories	**Cat. No.**	**Pcs/ Pkg**
Mounting Rails 1 m Symmetrical DIN (Steel)	199-DR1	10
1 m Symmetrical DIN (Aluminum)	1492-DR5	10
1 m Hi-Rise Symmetrical DIN (Aluminum)	1492-DR6	2
1 m Angled Hi-Rise Sym. DIN (Steel)	1492-DR7	2
End Barrier Gray	1492-EBLD4	20
End Anchors and Retainers Screwless End Retainer	1492-ERL35	20
DIN Rail — Normal Duty	1492-EAJ35	100
DIN Rail — Heavy Duty	1492-EAHJ35	50
Jumpers Plug-in Center Jumper — 10 pole	1492-CJK6-10	20
Plug-in Center Jumper — 9 pole	1492-CJK6-9	20
Plug-in Center Jumper — 8 pole	1492-CJK6-8	20
Plug-in Center Jumper — 7 pole	1492-CJK6-7	20
Plug-in Center Jumper — 6 pole	1492-CJK6-6	20
Plug-in Center Jumper — 5 pole	1492-CJK6-5	20
Plug-in Center Jumper — 4 pole	1492-CJK6-4	60
Plug-in Center Jumper — 3 pole	1492-CJK6-3	60
Plug-in Center Jumper — 2 pole	1492-CJK6-2	60
Other Accessories Test Plug	1492-TP23	20
Group Marking Carrier	1492-GM35	25
Marking Systems Snap-In Marker Cards	1492-M6X10 (120/card)	5
Snap-In Marker Cards	1492-M6X5 (200/card)	5

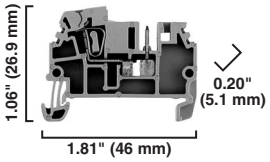
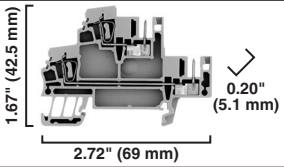
* For component specifications, see page 12-155.

		1492-RFB4…			1492-RAFB4…		
Dimensions are not intended to be used for manufacturing purposes. **Note:** Height dimension is measured from top of rail to top of terminal block.							
Specifications		*Single-circuit fuse terminal block with or without blown fuse indicator*			*Single-circuit fuse terminal block with or without blown fuse indicator*		
Approvals		cULus	cUR	IEC	cULus	cUR	IEC
Maximum Current		15 A*	15 A*	15 A*	12 A	12 A	12 A
Wire Range (Rated Cross Section)		#22… #12 AWG	#22… #12 AWG	0.5… 4 mm²	#22… #12 AWG	#22… #12 AWG	0.5… 4 mm²
Voltage Rating	RFB4/RAFB4	300V AC/DC		500V AC/DC	300V AC/DC		500V AC/DC
	RFB424/RAFB424	10-57V AC/DC			10-57V AC/DC		
	RFB4250/RAFB4250	85…264V AC			85…264V AC		
Indicator Type	RFB4/RAFB4	Non-indicating			Non-indicating		
	RFB424/RAFB424	LED			LED		
	RFB4250/RAFB4250	Neon			Neon		
Leakage Current	RFB4/RAFB4	—			—		
	RFB424/RAFB424	2mA @ 24V			2mA @ 24V		
	RFB4250/RAFB4250	1mA @ 264V			1mA @ 264V		
Fuse Size (Not Supplied)		5 x 20 mm			1/4 x 1 -1/4 in		
Wire Strip Length		0.47 in (12 mm)			0.47 in (12 mm)		
Density		37 pcs./ft (125/m)			30 pcs./ft (100/m)		
Insulation Temperature Range		–4…+140 °F (–20…+60 °C)			–4…+221 °F (–40…+105 °C)		
Terminal Blocks		**Cat. No.**		**Pcs/ Pkg**	**Cat. No.**		**Pcs/ Pkg**
Color	Black (Non-Indicating)	1492-RFB4		25	1492-RAFB4		25
	Black (10…57V LED)	1492-RFB424		25	1492-RAFB424		25
	Black (85…264V Neon)	1492-RFB4250		25	1492-RAFB4250		25
Accessories		**Cat. No.**		**Pcs/ Pkg**	**Cat. No.**		**Pcs/ Pkg**
Mounting Rails 1 m Symmetrical DIN (Steel)		199-DR1		10	199-DR1		10
1 m Symmetrical DIN (Aluminum)		1492-DR5		10	1492-DR5		10
1 m Hi-Rise Sym. DIN (Aluminum)		1492-DR6		2	1492-DR6		2
1 m Angled Hi-Rise Sym. DIN (Steel)		1492-DR7		2	1492-DR7		2
End Barrier		Not Required		—	Not Required		—
End Retainers/Anchors Screwless End Retainer		1492-ERL35		20	1492-ERL35		20
DIN Rail — Heavy Duty		1492-EAHJ35		50	1492-EAHJ35		50
Plug-in Center Jumper, 10-Pole		1492-CJR8-10		10	—		—
Plug-in Center Jumper, 9-Pole		1492-CJR8-9		10	—		—
Plug-in Center Jumper, 8-Pole		1492-CJR8-8		10	—		—
Plug-in Center Jumper, 7-Pole		1492-CJR8-7		10	—		—
Plug-in Center Jumper, 6-Pole		1492-CJR8-6		10	—		—
Plug-in Center Jumper, 5-Pole		1492-CJR8-5		10	1492-CJRA10-5		10
Plug-in Center Jumper, 4-Pole		1492-CJR8-4		10	1492-CJRA10-4		10
Plug-in Center Jumper, 3-Pole		1492-CJR8-3		10	1492-CJRA10-3		10
Plug-in Center Jumper, 2-Pole		1492-CJR8-2		10	1492-CJRA10-2		10
Center Jumper Link		1492-CJRL6		10	1492-CJRL5		10
Other Accessories Group Marking Carrier	Mounting Rails: Partition Plate	1492-GM35		25	1492-GM35		25
Marking Systems Snap-in Marker for Block		1492-MS8X12 (56/card)		5	1492-MS8X12 (56/card)		5
Snap-in Marker for Handle		1492-MS6X9 (80/card)		5	1492-MS6X9 (80/card)		5

* IEC standards for 5 x 20 mm fuses do not include ratings above 6.3 A.

Spring-Clamp Connection Terminal Blocks

Plug-In Connection Blocks

	1492-LC3			1492-LDC3		
Dimensions are not intended to be used for manufacturing purposes. **Note:** Height dimension is measured from top of rail to top of terminal block.						
Specifications	*Feed-through terminal block with plug in comb connection on one side.*			*Two Circuit terminal block with plug in comb connection on one side of each circuit*		
Certifications	cULus	CSA	IEC	cULus	CSA	IEC
Voltage Rating	300V AC/DC		250V AC/DC	300V AC/DC		250V AC/DC
Maximum Current	10 A		16 A	15 A		16 A
Wire Range (Rated Cross Section)	26…12 AWG		2.5 mm²	26…12 AWG		2.5 mm²
Wire Strip Length	0.39 in (10 mm)			0.39 in (10 mm)		
Density W=16.1, L=100.5, H=59 (Blocks per ft/meter)	59 per ft/196 per meter			59 per ft/196 per meter		
Housing Temperature Range	–58…+248 °F (–50…+120 °C)			–58…+248 °F (–50…+120 °C)		
Terminal Blocks	**Cat. No.**		**Pcs/ Pkg**	**Cat. No.**		**Pcs/ Pkg**
Color Gray	1492-LC3		50	1492-LDC3		50
Plug Connection Strips	**Cat. No.**		**Pcs/ Pkg**	**Cat. No.**		**Pcs/ Pkg**
Color/Quantity Black/2 Pole	1492-QP5-2		100	1492-QP5-2		100
Black/3 Pole	1492-QP5-3		100	1492-QP5-3		100
Black/4 Pole	1492-QP5-4		100	1492-QP5-4		100
Black/5 Pole	1492-QP5-5		50	1492-QP5-5		50
Black/6 Pole	1492-QP5-6		50	1492-QP5-6		50
Black/7 Pole	1492-QP5-7		50	1492-QP5-7		50
Black/8 Pole	1492-QP5-8		50	1492-QP5-8		50
Black/9 Pole	1492-QP5-9		50	1492-QP5-9		50
Black/10 Pole	1492-QP5-10		50	1492-QP5-10		50
Black/11 Pole	1492-QP5-11		50	1492-QP5-11		50
Black/12 Pole	1492-QP5-12		50	1492-QP5-12		50
Accessories	**Cat. No.**		**Pcs/ Pkg**	**Cat. No.**		**Pcs/ Pkg**
Mounting Rails 1 m Symmetrical DIN (Steel)	199-DR1		10	199-DR1		10
1 m Symmetrical DIN (Aluminum)	1492-DR5		10	1492-DR5		10
1 m Hi-Rise Sym. DIN (Aluminum)	1492-DR6		2	1492-DR6		2
1 m Angled Hi-Rise Sym. DIN (Steel)	1492-DR7		2	1492-DR7		2
End Barriers Gray	1492-EBLC3		20	1492-EBLDC3		20
End Anchors and Retainers: Screwless End Retainer	1492-ERL35		20	1492-ERL35		20
DIN Rail — Normal Duty	1492-EAJ35		100	1492-EAJ35		100
DIN Rail — Heavy Duty	1492-EAHJ35		50	1492-EAHJ35		50
Jumpers Plug-in Center Jumper — 50 Pole	1492-CJLJ5-50		10	1492-CJLJ5-50		10
Plug-in Center Jumper — 10 Pole	1492-CJLJ5-10		20	1492-CJLJ5-10		20
Plug-in Center Jumper — 9 Pole	1492-CJLJ5-9		20	1492-CJLJ5-9		20
Plug-in Center Jumper — 8 Pole	1492-CJLJ5-8		20	1492-CJLJ5-8		20
Plug-in Center Jumper — 7 Pole	1492-CJLJ5-7		20	1492-CJLJ5-7		20
Plug-in Center Jumper — 6 Pole	1492-CJLJ5-6		20	1492-CJLJ5-6		20
Plug-in Center Jumper — 5 Pole	1492-CJLJ5-5		20	1492-CJLJ5-5		20
Plug-in Center Jumper — 4 Pole	1492-CJLJ5-4		60	1492-CJLJ5-4		60
Plug-in Center Jumper — 3 Pole	1492-CJLJ5-3		60	1492-CJLJ5-3		60
Plug-in Center Jumper — 2 Pole	1492-CJLJ5-2		60	1492-CJLJ5-2		60
Other Accessories Group Marking Carrier	1492-GM35		25	1492-GM35		25
Marking Systems Snap-In Marker Cards	1492-M5X10 (144/card)		5	1492-M5X10 (144/card)		5
Snap-In Marker Cards	1492-M5X5 (200/card)		5	1492-M5X5 (200/card)		5
Hinged Marker Card	1492-MH5X10 (96/card)		5	—		—

Certifications

Allen-Bradley 1492-K IDC terminal blocks have been designed to meet the requirements of one or more Certification Agencies. Most products have also been tested per additional Standards. The following is a listing of some of the Certification Agencies and Standards which apply to Allen-Bradley terminal block products. See the particular product description for information on specific Certifications and ratings.

(Underwriters Laboratories) — Devices in this catalog with one of these ratings have been tested by Underwriters Laboratories and meet the requirements of one or more of the following United States and Canadian Standards:

- UL 486E — Equipment Wiring Terminals for Use with Aluminum and/or Copper Conductors
- UL 1059 — Standard for Terminal Blocks
- UL 2279 — Standard for Electrical Equipment for Use in Class I, Zone 0, 1, and 2 Hazardous (Classified) Locations
- E79-0-95 — Electrical Apparatus for Explosive Atmospheres — Part 0 — General Requirements
- E79-7-95 — Electrical Apparatus for Explosive Atmospheres — Part 7 — Increased Safety “e”

Reference UL files E40735, E187022 (Class 1, Zone 1)

(Canadian Standards Association) — Devices in this catalog with this rating have been tested by the Canadian Standards Association and meet the requirements of one or more of the following Canadian Standards:

- CSA 22.2 No. 158 — Terminal Blocks

Reference CSA file LR677896.

Terminal blocks listed in this catalog with IEC ratings meet the requirements of the Low Voltage Directive put forth by the European Union. Devices have been tested and comply with one or more of the following European Norms:

- EN 60947-1 — Low Voltage Switchgear and Controlgear: General Rules
- EN 60947-7-1 — Low Voltage Switchgear and Controlgear: Terminal Blocks for Copper Conductors
- EN 60947-7-2 — Low Voltage Switchgear and Controlgear: Protective Conductor Terminal Blocks for Copper Conductors
- EN60947-7-3 — Safety requirements for fuse terminal blocks

EEx e II — The devices* listed below have “EEx e II” ratings and meet the following European Norms per KEMA, an Approval Certification Body for the European Union:

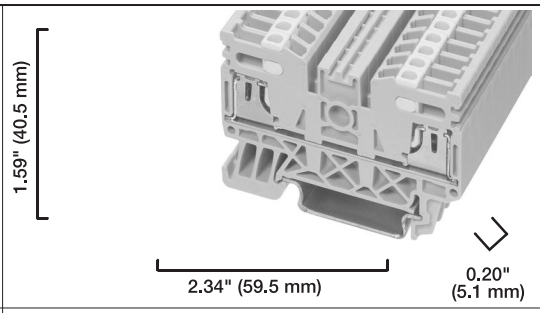
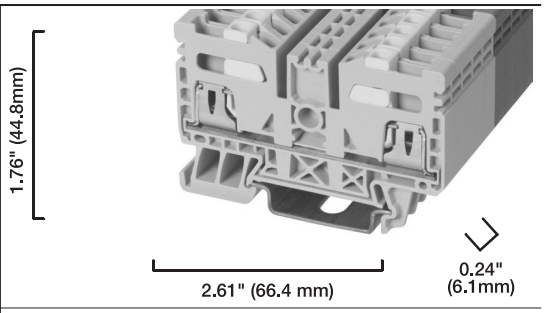
- EN 50014 — Electrical Apparatus for Potentially Explosive Atmospheres — General Requirements
- EN 50019 — Electrical Apparatus for Potentially Explosive Atmospheres — Increased Safety “e”

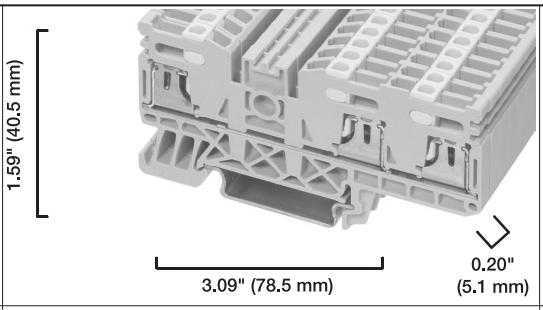
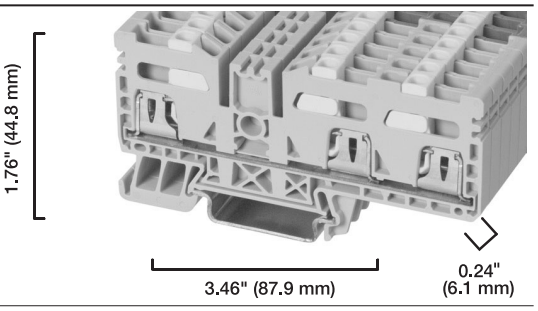
Details exist in KEMA Certificate 02ATEX2243U.

* All 1492-K terminals except 1492-K2KD, 1492-K2P, 1492-KD2SS, 1492-KD2DF, 1492-KD2DR, 1492-K3KD, 1492-K3P.

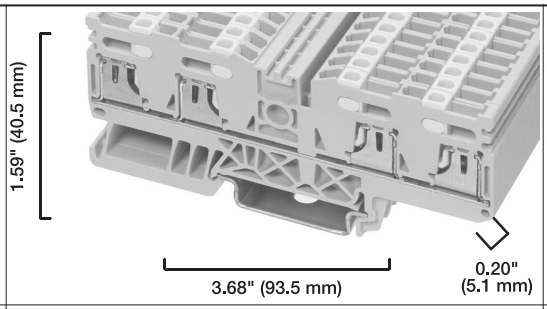
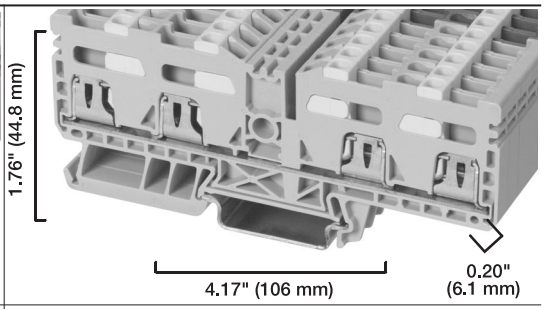
IDC Terminal Blocks

Feedthrough Blocks

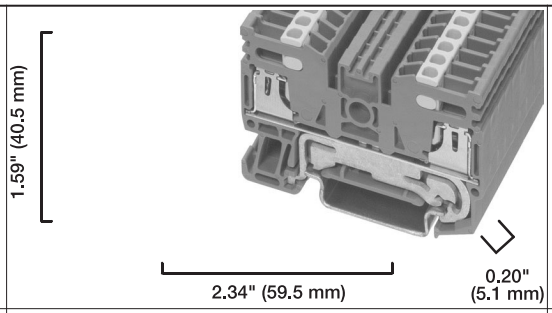
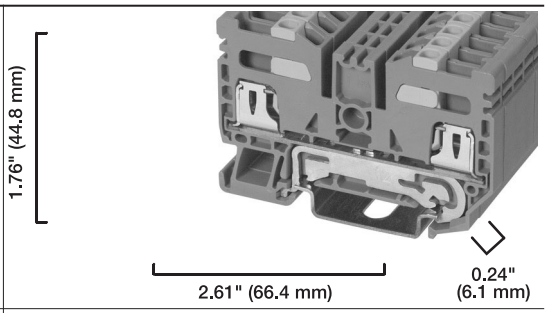
	1492-K2		1492-K3	
Dimensions are not intended to be used for manufacturing purposes. **Note:** Height dimension is measured from top of rail to top of terminal block.				
Specifications	*Single-circuit feedthrough.*		*Single-circuit feedthrough.*	
Approvals	/CSA	IEC	/CSA	IEC
Voltage Rating	300 V AC/DC	500 V AC/DC	600 V AC/DC	800 V AC/DC
Maximum Current	10 A	17.5 A	15 A	24 A
Wire Range (Rated Cross Section)	#24-#16 AWG (0.25…1.5 mm²)		#20-#14 AWG (0.5…2.5 mm²)	
Density	60 pcs./ft (197/m)		50 pcs./ft (164/m)	
Terminal Blocks	Cat. No.	Pcs./Pkg.	Cat. No.	Pcs./Pkg.
Color: Gray	1492-K2	50	1492-K3	50
Blue	1492-K2-B	50	1492-K3-B	50
Accessories (page 12-142)	**Cat. No.**	**Pcs./Pkg.**	**Cat. No.**	**Pcs./Pkg.**
End Barrier: Gray	1492-EBK2	50	1492-EBK3	50
End Barrier: Blue	1492-EBK2-B	50	1492-EBK3-B	50
Jumpers	1492-CJK5-∗	60/20	1492-CJK6-∗	60/20
Marker	1492-SM5X10 (144 per card)	5	1492-SM6X10 (120 per card)	5

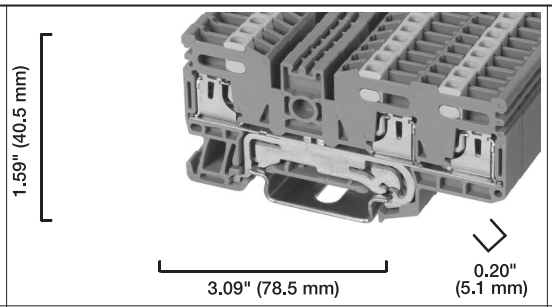
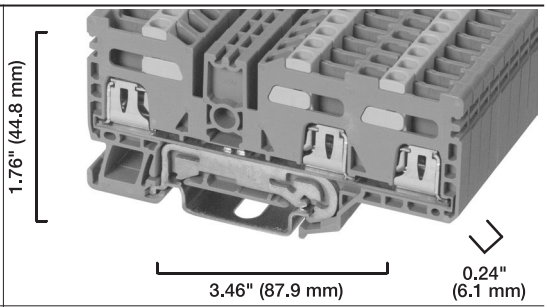
	1492-K2T		1492-K3T	
Dimensions are not intended to be used for manufacturing purposes. **Note:** Height dimension is measured from top of rail to top of terminal block.				
Specifications	*Single-circuit feedthrough with three terminations.*		*Single-circuit feedthrough with three terminations.*	
Approvals	/CSA	IEC	/CSA	IEC
Voltage Rating	300 V AC/DC	500 V AC/DC	600 V AC/DC	800 V
Maximum Current	10 A	17.5 A	15 A	24 A
Wire Range (Rated Cross Section)	#24-#16 AWG (0.25…1.5 mm²)		#20-#14 AWG (0.5…2.5 mm²)	
Density	60 pcs./ft (197/m)		50 pcs./ft (164/m)	
Terminal Blocks	Cat. No.	Pcs./Pkg.	Cat. No.	Pcs./Pkg.
Color: Gray	1492-K2T	50	1492-K3T	50
Blue	1492-K2T-B	50	1492-K3T-B	50
Accessories (page 12-142)	**Cat. No.**	**Pcs./Pkg.**	**Cat. No.**	**Pcs./Pkg.**
End Barrier: Gray	1492-EBK2T	50	1492-EBK3T	50
End Barrier: Blue	1492-EBK2T-B	50	1492-EBK3T-B	50
Jumpers	1492-CJK5-∗	60/20	1492-CJK6-∗	60/20
Marker	1492-SM5X10 (144 per card)	5	1492-SM6X10 (120 per card)	5

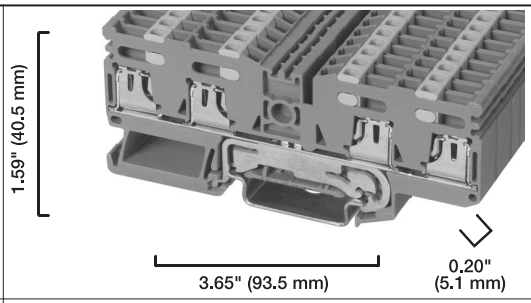
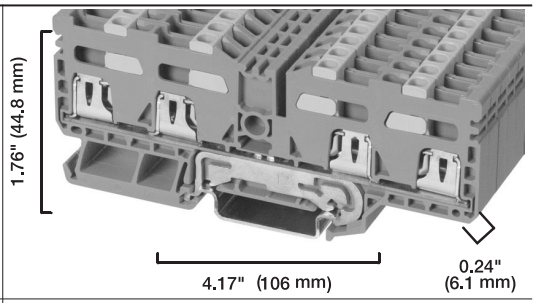
∗ Complete catalog number with number of poles (2 through 10). Package quantities are 60 jumpers per package for 2, 3, and 4 pole jumpers, and 20 jumpers per package for 5 through 10 poles.

	1492-K2Q		1492-K3Q	
Dimensions are not intended to be used for manufacturing purposes. **Note:** Height dimension is measured from top of rail to top of terminal block.				
Specifications	*Single-circuit feedthrough with four terminations.*		*Single-circuit feedthrough with four terminations.*	
Approvals	/CSA	IEC	/CSA	IEC
Voltage Rating	300 V AC/DC	500 V AC/DC	600 V AC/DC	800 V AC/DC
Maximum Current	10 A	17.5 A	15 A	24 A
Wire Range (Rated Cross Section)	#24-#16 AWG (0.25…1.5 mm²)		#20-#14 AWG (0.5…2.5 mm²)	
Density	60 pcs./ft (197/m)		50 pcs./ft (164/m)	
Terminal Blocks	**Cat. No.**	**Pcs./Pkg.**	Cat. No.	**Pcs./Pkg.**
Color: Gray	1492-K2Q	50	1492-K3Q	50
Blue	1492-K2Q-B	50	1492-K3Q-B	50
Accessories (page 12-142)	**Cat. No.**	**Pcs./Pkg.**	**Cat. No.**	**Pcs./Pkg.**
End Barrier: Gray	1492-EBK2Q	50	1492-EBK3Q	50
End Barrier: Blue	1492-EBK2Q-B	50	1492-EBK3Q-B	50
Jumpers	1492-CJK5-∗	60/20	1492-CJK6-∗	60/20
Marker	1492-SM5X10 (144 per card)	5	1492-SM6X10 (120 per card)	5

∗ Complete catalog number with number of poles (2 through 10). Package quantities are 60 jumpers per package for 2, 3, and 4 pole jumpers, and 20 jumpers per package for 5 through 10 poles.

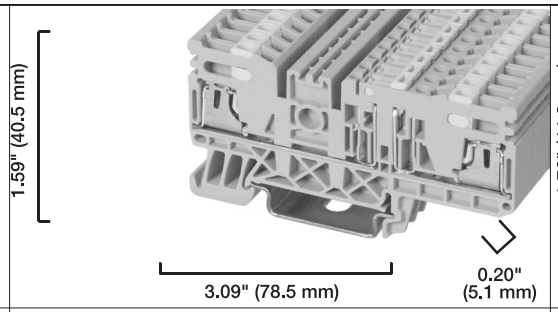
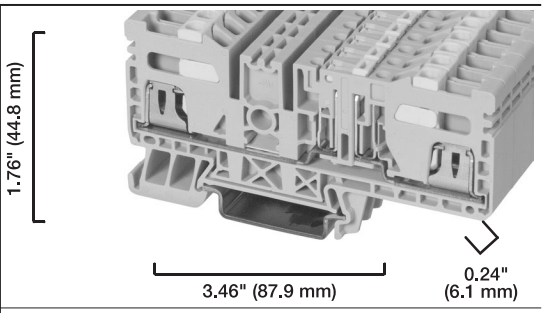
	1492-KG2		1492-KG3	
Dimensions are not intended to be used for manufacturing purposes. **Note:** Height dimension is measured from top of rail to top of terminal block.				
Specifications	*Single-circuit grounding.*		*Single-circuit grounding.*	
Approvals	/CSA	**IEC**	/CSA	**IEC**
Maximum Current	Grounding	Grounding	Grounding	Grounding
Wire Range (Rated Cross Section)	#24-#16 AWG (0.25…1.5 mm²)		#20-#14 AWG (0.5…2.5 mm²)	
Density	60 pcs./ft (197/m)		50 pcs./ft (164/m)	
Terminal Blocks	**Cat. No.**	**Pcs./Pkg.**	**Cat. No.**	**Pcs./Pkg.**
Color: Green/Yellow	1492-KG2	50	1492-KG3	50
Accessories (page 12-142)	**Cat. No.**	**Pcs./Pkg.**	**Cat. No.**	**Pcs./Pkg.**
End Barrier: Yellow	1492-EBK2-Y	50	1492-EBK3-Y	50
Marker	1492-SM5X10 (144 per card)	5	1492-SM6X10 (120 per card)	5

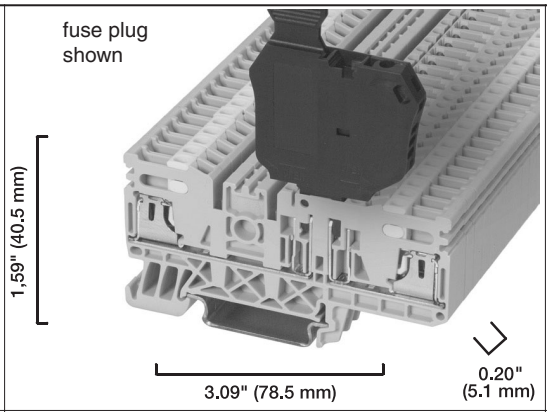
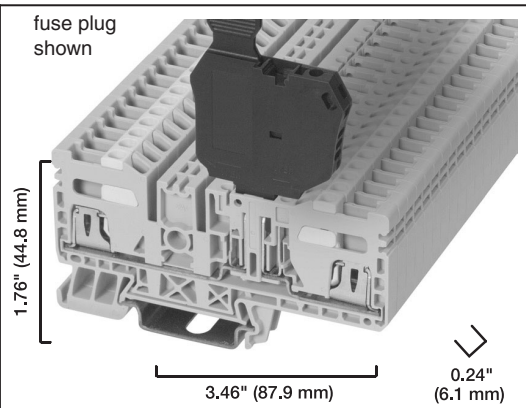
	1492-KG2T		1492-KG3T	
Dimensions are not intended to be used for manufacturing purposes. **Note:** Height dimension is measured from top of rail to top of terminal block.				
Specifications	*Single-circuit grounding with three terminations.*		*Single-circuit grounding with three terminations.*	
Approvals	/CSA	**IEC**	/CSA	**IEC**
Maximum Current	Grounding	Grounding	Grounding	Grounding
Wire Range (Rated Cross Section)	#24-#16 AWG (0.25…1.5 mm²)		#20-#14 AWG (0.5…2.5 mm²)	
Density	60 pcs./ft (197/m)		50 pcs./ft (164/m)	
Terminal Blocks	**Cat. No.**	**Pcs./Pkg.**	**Cat. No.**	**Pcs./Pkg.**
Color: Green/Yellow	1492-KG2T	50	1492-KG3T	50
Accessories (page 12-142)	**Cat. No.**	**Pcs./Pkg.**	**Cat. No.**	**Pcs./Pkg.**
End Barrier: Yellow	1492-EBK2T-Y	50	1492-EBK3T-Y	50
Marker	1492-SM5X10 (144 per card)	5	1492-SM6X10 (120 per card)	5

	1492-KG2Q		1492-KG3Q	
Dimensions are not intended to be used for manufacturing purposes. **Note:** Height dimension is measured from top of rail to top of terminal block.				
Specifications	*Single-circuit grounding with four terminations.*		*Single-circuit grounding with four terminations.*	
Approvals	/CSA	**IEC**	/CSA	**IEC**
Maximum Current	Grounding.	Grounding.	Grounding.	Grounding.
Wire Range (Rated Cross Section)	#24-#16 AWG (0.25…1.5 mm^2)		#20-#14 AWG (0.5…2.5 mm^2)	
Density	60 pcs./ft (197/m)		50 pcs./ft (164/m)	
Terminal Blocks	**Cat. No.**	**Pcs./Pkg.**	**Cat. No.**	**Pcs./Pkg.**
Color: Green/Yellow	1492-KG2Q	50	1492-KG3Q	50
Accessories (page 12-142)	Cat. No.	**Pcs./Pkg.**	**Cat. No.**	**Pcs./Pkg.**
End Barrier: Yellow	1492-EBK2Q-Y	50	1492-EBK3Q-Y	50
Marker	1492-SM5X10 (144 per card)	5	1492-SM6X10 (120 per card)	5

IDC Terminal Blocks

Knife Disconnect and Plug-in Style Blocks

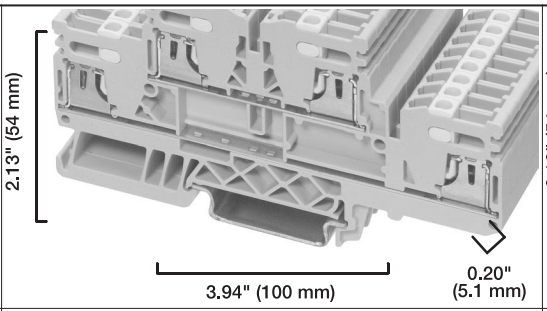
	1492-K2KD	1492-K3KD
Dimensions are not intended to be used for manufacturing purposes. **Note:** Height dimension is measured from top of rail to top of terminal block.		
Specifications	*Knife Disconnect.*	*Knife Disconnect.*
Approvals	/CSA	IEC	/CSA	IEC
Voltge Rating	300 V AC/DC	400 V AC/DC	300 V AC/DC	400 V AC/DC
Maximum Current	10 A	16 A	10 A	16 A
Wire Range (Rated Cross Section)	#24-#16 AWG (0.25…1.5 mm²)		#20-#14 AWG (0.5…2.5 mm²)	
Density	60 pcs./ft (197/m)		50 pcs./ft (164/m)	
Terminal Blocks	**Cat. No.**	**Pcs./Pkg.**	**Cat. No.**	**Pcs./Pkg.**
Color: Gray	1492-K2KD	50	1492-K3KD	50
Accessories (page 12-142)	**Cat. No.**	**Pcs./Pkg.**	**Cat. No.**	**Pcs./Pkg.**
End Barrier: Gray	1492-EBK2T	50	1492-EBK3T	50
Jumpers	1492-CJK5-∗	60/20	1492-CJK6-∗	60/20
Marker	1492-SM5X10 (144 per card)	5	1492-SM6X10 (120 per card)	5

	1492-K2P	1492-K3P
Dimensions are not intended to be used for manufacturing purposes. **Note:** Height dimension is measured from top of rail to top of terminal block.		
Specifications	*Pluggable (Plugs sold separately)*	*Pluggable (Plugs sold separately)*
Approvals	/CSA	IEC	/CSA	IEC
Voltage Rating	300 V AC/DC	400 V AC/DC	300 V AC/DC	400 V AC/DC
Maximum Current	6.3 (fuse plugs)		6.3 (fuse plugs)	
	10 A	16 A for disconnect or component plug	10 A	16 A for disconnect or component plug
Wire Range (Rated Cross Section)	#24-#16 AWG (0.25…1.5 mm²)		#20-#14 AWG (0.5…2.5 mm²)	
Density	60 pcs./ft (197/m)		50 pcs./ft (164/m)	
Terminal Blocks	**Cat. No.**	**Pcs./Pkg.**	**Cat. No.**	**Pcs./Pkg.**
Color: Gray	1492-K2P	50	1492-K3P	50
Accessories (page 12-142)	**Cat. No.**	**Pcs./Pkg.**	**Cat. No.**	**Pcs./Pkg.**
End Barrier: Gray	1492-EBK2T	50	1492-EBK3T	50
Jumpers	1492-CJK5-∗	60/20	1492-CJK6-∗	60/20
Marker	1492-SM5X10 (144 per card)	5	1492-SM6X10 (120 per card)	5
Fuse Plug	1492-FPK2…	20	1492-FPK2…	20
Component Plug	1492-CPL	20	1492-CPL	20
Disconnect Plug	1492-DPL	20	1492-DPL	20

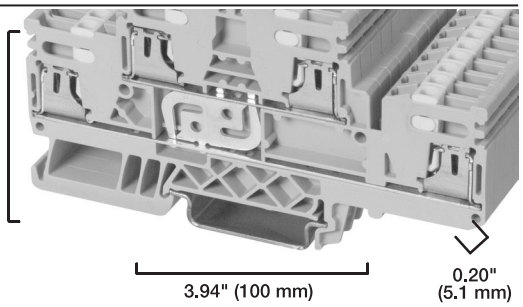
∗ Complete catalog number with number of poles (2 through 10). Package quantities are 60 jumpers per package for 2, 3, and 4 pole jumpers, and 20 jumpers per package for 5 through 10 poles.

Dimensions are not intended to be used for manufacturing purposes.
Note: Height dimension is measured from top of rail to top of terminal block.

1492-KD2



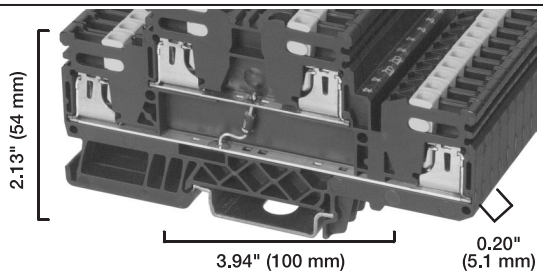
1492-KD2C



Specifications	*Two Circuit Feedthrough*		*Two Level with Commoning Bar Between Upper and Lower Levels*	
Approvals	/CSA	**IEC**	/CSA	**IEC**
Voltage Rating	300 V AC/DC	500 V AC/DC	300 V AC/DC	500 V AC/DC
Maximum Current	10 A	17.5 A	10 A	17.5 A
Wire Range (Rated Cross Section)	#24-#16 AWG (0.25…1.5 mm²)		#24-#16 AWG (0.25…1.5 mm²)	
Density	60 pcs./ft (197/m)		50 pcs./ft (164/m)	
Terminal Blocks	**Cat. No.**	**Pcs./Pkg.**	**Cat. No.**	**Pcs./Pkg.**
Color: Gray	1492-KD2	50	1492-KD2C	50
Color: Blue	1492-KD2-B	50	1492-KD2C-B	50
Accessories (page 12-142)	**Cat. No.**	**Pcs./Pkg.**	**Cat. No.**	**Pcs./Pkg.**
End Barrier: Gray	1492-EBK2D	50	1492-EBK2D	50
End Barrier: Blue	1492-EBK2D-B	50	1492-EBK2D-B	50
Jumpers	1492-CJK5-∗	60/20	1492-CJK5-∗	60/20
Marker	1492-SM5X10 (144 per card)	5	1492-SM5X10 (144 per card)	5
Marker Adapter (for top level)	1492-MAK2	50	—	—

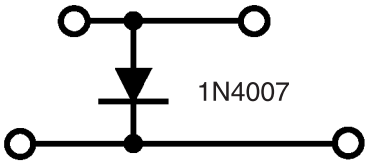
Dimensions are not intended to be used for manufacturing purposes.
Note: Height dimension is measured from top of rail to top of terminal block.

1492-KD2...

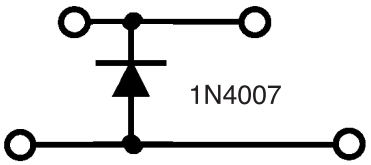


Specifications	*Electronic Devices*	
Approvals	/CSA	**IEC**
Voltage Rating	300 V AC/DC†	500 V AC/DC†
Maximum Current	10 A‡	17.5 A‡
Wire Range (Rated Cross Section)	#24-#16 AWG (0.25…1.5 mm²)	
Density	60 pcs./ft (197/m)	
Terminal Blocks	**Cat. No.**	**Pcs./Pkg.**
Diode Reverse	1492-KD2DR	1
Diode Forward	1492-KD2DF	1
Surge Suppressor	1492-KD2SS†	1
Accessories (page 12-142)	**Cat. No.**	**Pcs./Pkg.**
End Barrier: Gray	1492-EBK2D	50
Jumpers	1492-CJK5-∗	60/20
Marker	1492-SM5X10 (144 per card)	5
Marker Adapter (for top level)	—	—

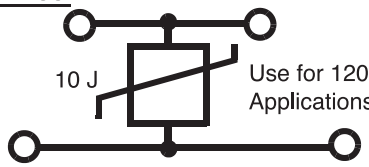
1492-KD2DF:



1492-KD2DR:



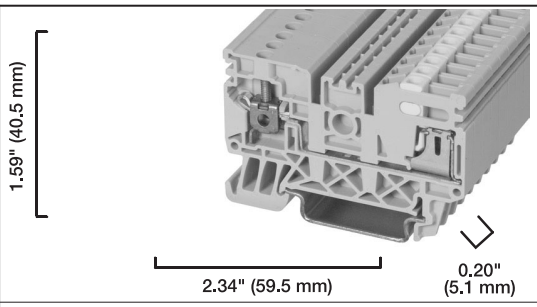
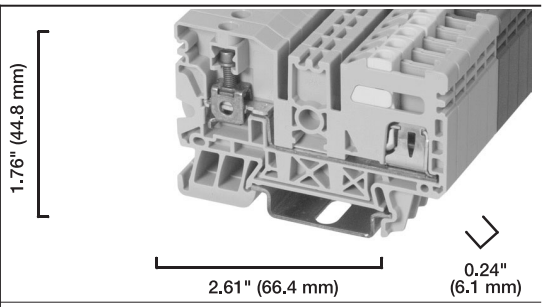
1492-KD2SS:

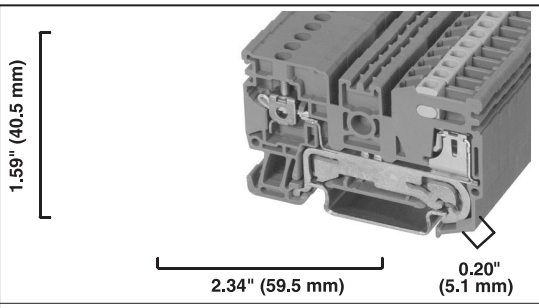
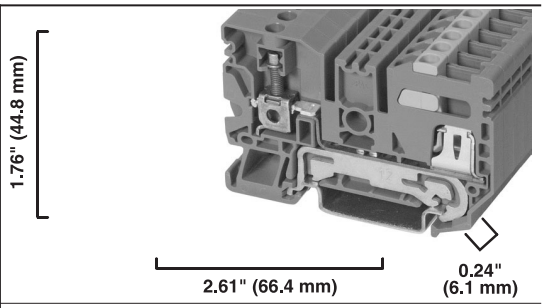


∗ Complete catalog number with number of poles (2 through 10). Package quantities are 60 jumpers per package for 2, 3, and 4 pole jumpers, and 20 jumpers per package for 5 through 10 poles.
† 1492-KD2SS is designed for 120 V AC applications.
‡ Amperage which can be carried across current bars. See page 12-155 for electrical component data.

IDC Terminal Blocks

Hybrid Blocks

	1492-KW2		1492-KW3	
Dimensions are not intended to be used for manufacturing purposes. **Note:** Height dimension is measured from top of rail to top of terminal block.				
Specifications	*Hybrid (IDC/Screw) feedthrough*		*Hybrid (IDC/Screw) feedthrough*	
Approvals	/CSA	IEC	/CSA	IEC
Voltage Rating	300 V AC/DC	500 V AC/DC	600 V AC/DC	800 V AC/DC
Maximum Current	10 A	17.5 A	15 A	24 A
Wire Range (Rated Cross Section)	IDC: #24-#16 AWG (0.25…1.5 mm²) Screw: #26-#12 AWG (0.5…4 mm²)		IDC: #20-#14 AWG (0.5…2.5 mm²) Screw: #26-#10 AWG (0.5…6 mm²)	
Wire Strip Length	0.4 in (10 mm)		0.5 in (13 mm)	
Recommended Tightening Torque	3.5…5.3 lb-in. (0.4…0.6 Nm)		4.4…8.8 lb-in. (0.5…1.0 Nm)	
Density	60 pcs./ft (197/m)		50 pcs./ft (164/m)	
Terminal Blocks	**Cat. No.**	**Pcs./Pkg.**	**Cat. No.**	**Pcs./Pkg.**
Color: Gray	1492-KW2	50	1492-KW3	50
Blue	1492-KW2-B	50	1492-KW3-B	50
Accessories (page 12-142)	**Cat. No.**	**Pcs./Pkg.**	**Cat. No.**	**Pcs./Pkg.**
End Barrier: Gray	1492-EBK2	50	1492-EBK3	50
Blue	1492-EBK2-B	50	1492-KW3-B	50
Jumpers	1492-CJK5-∗	60/20	1492-CJK6-∗	60/20
Marker	1492-SM5X10 (144 per card)	5	1492-SM6X10 (120 per card)	5

	1492-KWG2		1492-KWG3	
Dimensions are not intended to be used for manufacturing purposes. **Note:** Height dimension is measured from top of rail to top of terminal block.				
Specifications	*Hybrid (IDC/Screw) ground*		*Hybrid (IDC/Screw) ground*	
Approvals	/CSA	IEC	/CSA	IEC
Maximum Current	Grounding	Grounding	Grounding	Grounding
Wire Range (Rated Cross Section)	IDC: #24-#16 AWG (0.25…1.5 mm²) Screw: #26-#12 AWG (0.5…4 mm²)		IDC: #20-#14 AWG (0.5…2.5 mm²) Screw: #26-#10 AWG (0.5…6 mm²)	
Wire Strip Length	0.4 in (10 mm)		0.5 in (13 mm)	
Recommended Tightening Torque	3.5…5.3 lb-in. (0.4…0.6 Nm)		4.4…8.8 lb-in. (0.5…1.0 Nm)	
Density	60 pcs./ft (197/m)		50 pcs./ft (164/m)	
Terminal Blocks	**Cat. No.**	**Pcs./Pkg.**	**Cat. No.**	**Pcs./Pkg.**
Color: Green/Yellow	1492-KWG2	50	1492-KWG3	50
Accessories (page 12-142)	**Cat. No.**	**Pcs./Pkg.**	**Cat. No.**	**Pcs./Pkg.**
End Barrier: Yellow	1492-EBK2-Y	50	1492-EBK3-Y	50
Marker	1492-SM5X10 (144 per card)	5	1492-SM6X10 (120 per card)	5

∗ Complete catalog number with number of poles (2 through 10). Package quantities are 60 jumpers per package for 2, 3, and 4 pole jumpers peer package for 5 through 10 poles.

Devices available in the Allen-Bradley NEMA/EEMAC line include Terminal Blocks, Isolation Switch Blocks, and Fuse Blocks.

Terminal Blocks

Allen-Bradley NEMA/EEMAC terminal blocks are available in eleven colors for easy circuit identification. Colors and suggested uses are:

- RED for AC Control Circuits
- BLUE for DC Control Circuits
- BLACK for AC/DC Power Circuits
- ORANGE for Data Collection Circuits
- GREEN for Ground Circuits
- YELLOW for Externally Fed Circuits (Interlocks)
- BROWN for Miscellaneous Circuits
- VIOLET/GRAY to denote PLC Inputs and Outputs
- GOLD to match some IEC Products
- WHITE for Neutral Circuits

Most NEMA/EEMAC blocks are available preassembled on a breakaway mounting channel, complete with one end-anchor, retaining clip, and one end barrier.

Open Construction Terminal Blocks

Open Construction blocks (Styles C and F) allow easy visual verification that the wire is properly positioned in the clamping area, and allows the use of a standard screwdriver for wiring. Style C and F blocks mount securely on Allen-Bradley rail.
Catalog Number 1492-CAM blocks also mount on DIN rail. Several Style C blocks accept a snap-on marker for marking long wire identifications. All Open Construction blocks have:

- Tin-plated copper alloy connections for corrosion resistance
- A write-on marking surface for easy circuit identification
- Optional marking strips to make mass markings easier

Isolation Switch Blocks

- Allow easy, positive electrical circuit isolation
- Are available in both open and high density styles
- Feature a write-on marking surface for easy circuit identification

Fuse Blocks

- Provides a simple way to add overcurrent protection into a circuit
- Can be used with the following fuse styles: 13/32” x 1-1/2”, 1/4” x 1-1/4”, and GMT-type alarm fuses. Blown fuse indicators are available on the 1/4” x 1-1/4” and 13/32” x 1-1/2” blocks. The indicator lights up when the fuse is blown, speeding troubleshooting. The GMT-type fuse block has a visual alarm flag that also acts as an output contact for an electrical signal when the fuse is blown.

UL and CSA File Numbers

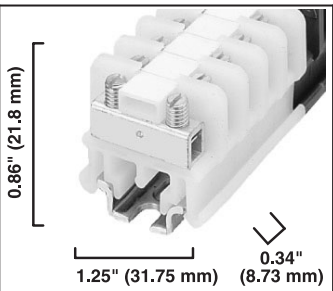
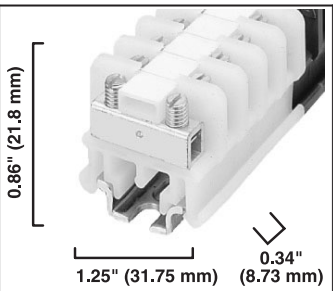
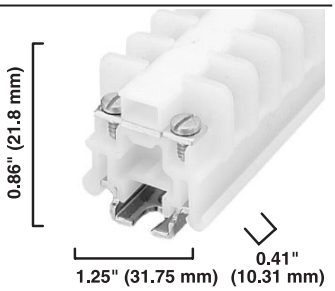
NEMA/EEMAC Style Terminal Blocks have a 94-V2 flammability rating. The NEMA/EEMAC line is UL Component Recognized and CSA Certified.

- UL File Number E40735, Guide Number XCFR2
- UL File Number E34648, Guide Number IZLT2 (for Catalog Number 1492-CE6 only)
- CSA File Number LR67896, Class 622801

* **NEMA — National Electrical Manufacturer’s Association**
EEMAC — Electrical and Electronic Manufacturer’s Association of Canada

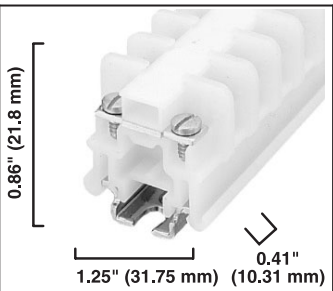
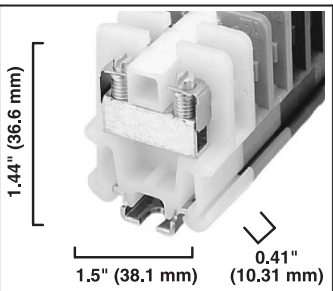
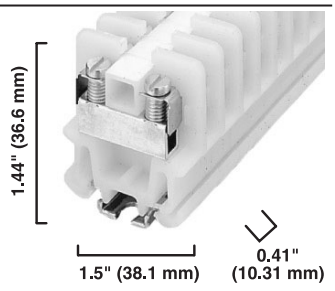
NEMA/EEMAC Terminal Blocks

Open Construction Blocks

	1492-F1	1492-F2	1492-F3
Dimensions are not intended to be used for manufacturing purposes. **Note:** Height dimension is measured from top of rail to top of terminal block.			
Specifications	*Terminal block, tubular screw with pressure plate.*	*Terminal block, tubular screw without pressure plate.*	*Terminal block, screw terminal with #6 screw.*
Approvals	/CSA	/CSA	/CSA
Voltage Rating	300V AC/DC	300 V AC/DC	300 V AC/DC
Maximum Current	25 A	25 A	25 A
Wire Range (Rated Cross Section)	#22…#14 AWG (0.5…2.5 mm²)	#22…#14 AWG (0.5…2.5 mm²)	#22…#14 AWG (0.5…2.5 mm²)
Wire Strip Length	0.38 in (9.7 mm)	0.38 in (9.7 mm)	Prepared Conductors Only*
Recommended Tightening Torque	4…14 lb-in. (0.5…1.6 Nm)	6…14 lb-in. (0.7…1.6 Nm)	6…14 lb-in. (0.7…1.6 Nm)
Density	35 pcs./ft (115/m)	35 pcs./ft (115/m)	30 pcs./ft (98/m)
Insulation Temperature Range	–40…+221 °F (–40…+105 °C)	–40…+221 °F (–40…+105 °C)	–40…+221 °F (–40…+105 °C)

Terminal Blocks	**Cat. No.**	**Pcs./ Pkg.**	Cat. No.	**Pcs./ Pkg.**	**Cat. No.**	**Pcs./ Pkg.**
Color: White	1492-F1	50	1492-F2	50	1492-F3	50
Two 3’ Rails White	1492-F1209(105/Rail)	1	1492-F2209(105/Rail)	1	1492-F3175(88/Rail)	1
Gold	1492-F1GL	50	1492-F2GL	50	1492-F3GL	50
Red	1492-F1RE	50	1492-F2RE	50	1492-F3RE	50
Blue	1492-F1B	50	1492-F2B	50	1492-F3B	50
Black	1492-F1BL	50	1492-F2BL	50	1492-F3BL	50
Green	1492-F1G	50	1492-F2G	50	1492-F3G	50
Yellow	1492-F1Y	50	1492-F2Y	50	1492-F3Y	50
Brown	1492-F1BR	50	1492-F2BR	50	1492-F3BR	50
Violet	1492-F1VT	50	1492-F2VT	50	1492-F3VT	50
Gray	1492-F1GY	50	1492-F2GY	50	1492-F3GY	50
Orange	1492-F1OR	50	1492-F2OR	50	1492-F3OR	50
Accessories (page 12-158)	**Cat. No.**	**Pcs./ Pkg.**	**Cat. No.**	**Pcs./ Pkg.**	**Cat. No.**	**Pcs./ Pkg.**
Mounting Rails: 3’ Scored A-B Rail	1492-N1	20	1492-N1	20	1492-N1	20
3’ Rigid A-B Rail	1492-N22	20	1492-N22	20	1492-N22	20
3’ High Rise A-B Rail	1492-N44	2	1492-N44	2	1492-N44	2
Standoff Brackets (use every 12”)	1492-N25	2	1492-N25	2	1492-N25	2
End Barrier	1492-N18	50	1492-N18	50	1492-N18	50
End Anchors: A-B Rail — HeavyDuty	1492-N23	10	1492-N23	10	1492-N23	10
A-B Rail — Retaining Clip — Light Duty	1492-N2	50	1492-N2	50	1492-N2	50
Jumpers: 2-pole Uninsulated	1492-N13	50	1492-N13	50	1492-N14	50
50-pole Uninsulated	1492-N24	10	1492-N24	10	—	—
Marking Systems	1492-N5†	1	1492-N5†	1	1492-N5†	1

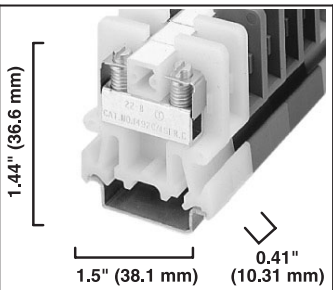
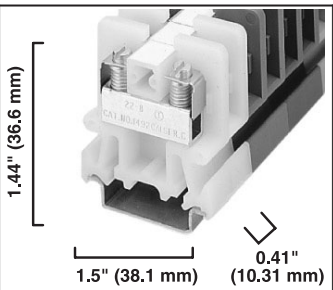
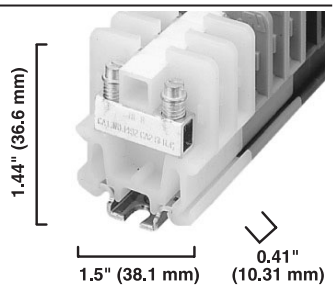
* Prepared conductors utilize ring, spade, or hook connectors.
† 1 sheet, 20 strips.

	1492-F8		1492-CA1		1492-CA1L	
Dimensions are not intended to be used for manufacturing purposes. **Note:** Height dimension is measured from top of rail to top of terminal block.						
Specifications	*Terminal block, screw terminal with wire clamp.*		*Terminal block, tubular screw with pressure plate.*		*Terminal block, screw with large head, pressure plate.*	
Approvals	/CSA		/CSA		/CSA	
Voltage Rating	300V AC/DC		600V AC/DC		600V AC/DC	
Maximum Current	25A		55 A		55 A	
Wire Range (Rated Cross Section)	#22…#14 AWG (0.5…2.5 mm²)		#22…#8 AWG (0.5…10 mm²)		#22…#8 AWG (0.5…10 mm²)	
Wire Strip Length	0.25 in (6.4 mm)		0.38 in (9.7 mm)		0.38 in (9.7 mm)	
Recommended Tightening Torque	6…14 lb-in. (0.7…1.6 Nm)		8…16 lb-in. (0.9…1.8 Nm)		8…16 lb-in. (0.9…1.8 Nm)	
Density	30 pcs./ft (98/m)		30 pcs./ft (98/m)		30 pcs./ft (98/m)	
Insulation Temperature Range	–40…+221 °F (–40…+105 °C)		–40…+221°F (–40…+105 °C)		–40…+221 °F (–40…+105 °C)	
Terminal Blocks	**Cat. No.**	**Pcs./ Pkg.**	Cat. No.	**Pcs./ Pkg.**	**Cat. No.**	**Pcs./ Pkg.**
Color: White	1492-F8	50	1492-CA1	50	1492-CA1L	50
Two 3’ Rails White	1492-F8175(88/Rail)	1	1492-CA1175(105/Rail)	1	1492-CA1L175(88/Rail)	1
Gold	1492-F8GL	50	1492-CA1GL	50	1492-CA1LGL	50
Red	1492-F8RE	50	1492-CA1RE	50	1492-CA1LRE	50
Blue	1492-F8B	50	1492-CA1B	50	1492-CA1LB	50
Black	1492-F8BL	50	1492-CA1BL	50	1492-CA1LBL	50
Green	1492-F8G	50	1492-CA1G	50	1492-CA1LG	50
Yellow	1492-F8Y	50	1492-CA1Y	50	1492-CA1LY	50
Brown	1492-F8BR	50	1492-CA1BR	50	1492-CA1LBR	50
Violet	1492-F8VT	50	1492-CA1VT	50	1492-CA1LVT	50
Gray	1492-F8GY	50	1492-CA1GY	50	1492-CA1LGY	50
Orange	1492-F1OR	50	1492-CA1OR	50	1492-CA1LOR	50
Accessories (page 12-158)	**Cat. No.**	**Pcs./ Pkg.**	**Cat. No.**	**Pcs./ Pkg.**	**Cat. No.**	**Pcs./ Pkg.**
Mounting Rails: 3’ Scored A-B Rail	1492-N1	20	1492-N1	20	1492-N1	20
3’ Rigid A-B Rail	1492-N22	20	1492-N22	20	1492-N22	20
3’ High Rise A-B Rail	1492-N44	2	1492-N44	2	1492-N44	2
Standoff Brackets (use every 12”)	1492-N25	2	1492-N25	2	1492-N25	2
End Barrier	1492-N18	50	1492-N16	50	1492-N16	50
End Anchors: A-B Rail — HeavyDuty	1492-N23	10	1492-N23	10	1492-N23	10
A-B Rail — Normal Duty	—	—	1492-N47	50	1492-N47	50
A-B Rail — Retaining Clip — Light Duty	1492-N2	50	1492-N2	50	1492-N2	50
Jumpers: 2-pole Uninsulated	1492-N14	50	1492-N3	50	1492-N3	50
50-pole Uninsulated	—	—	1492-N30	50	1492-N30	50
Fanning Strip (12-pole can cut to desired length)	—	—	1492-N20	1	1492-N20	1
Marking Systems	1492-N5*	1	1492-N45	20	1492-N45	20

* 1 sheet, 20 strips.

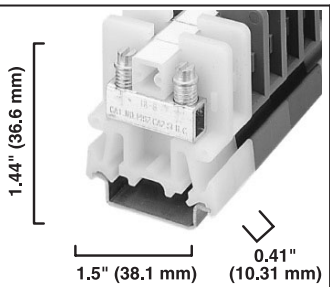
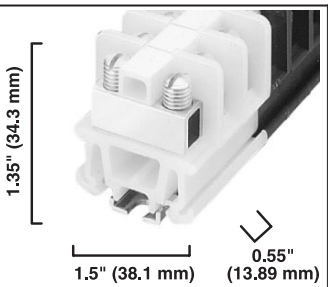
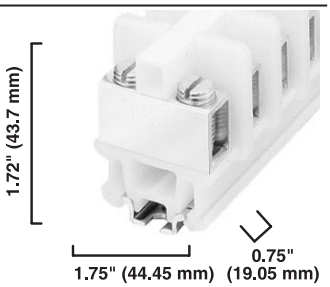
NEMA/EEMAC Terminal Blocks

Open Construction Blocks, Continued

	1492-CAM1	1492-CAM1L	1492-CA2
Dimensions are not intended to be used for manufacturing purposes. **Note:** Height dimension is measured from top of rail to top of terminal block.			
Specifications	*Terminal block, tubular screw with pressure plate, multi-rail mountable.*	*Terminal block, screw with large head, pressure plate, multi-rail mountable.*	*Terminal block, tubular screw without pressure plate.*
Approvals	/CSA	/CSA	/CSA
Voltage Rating	600V AC/DC	600V AC/DC	600V AC/DC
Maximum Current	55 A	55 A	55 A
Wire Range (Rated Cross Section)	#22…#8 AWG (0.5…10 mm²)	#22…#8 AWG (0.5…10 mm²)	#18…#8 AWG (1…10 mm²)
Wire Strip Length	0.38 in (9.7 mm)	0.38 in (9.7 mm)	0.38 in (9.7 mm)
Recommended Tightening Torque	8…16 lb-in. (0.9…1.8 Nm)	8…16 lb-in. (0.9…1.8 Nm)	10…16 lb-in. (1.1…1.8 Nm)
Density	30 pcs./ft (98/m)	30 pcs./ft (98/m)	30 pcs./ft (98/m)
Insulation Temperature Range	–40…+221 °F (–40…+105 °C)	–40…+221 °F (–40…+105 °C)	–40…+221 °F (–40…+105 °C)

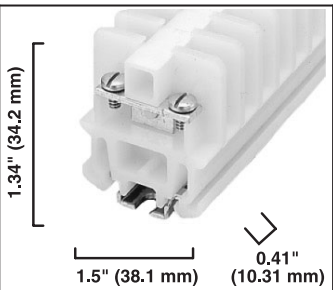
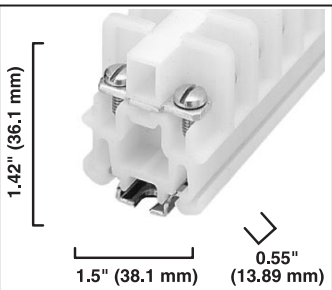
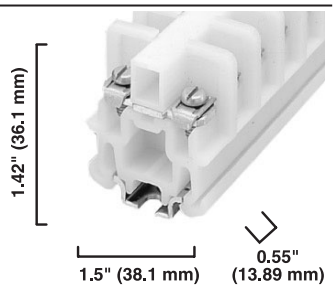
Terminal Blocks	**Cat. No.**	**Pcs./ Pkg.**	**Cat. No.**	**Pcs./ Pkg.**	**Cat. No.**	**Pcs./ Pkg.**
Color: White	1492-CAM1	50	1492-CAM1L	50	1492-CA2	50
Two 3’ Rails White	—	—	—	—	1492-CA2175(88/Rail)	1
Gold	1492-CAM1GL	50	1492-CAM1LGL	50	1492-CA2GL	50
Red	1492-CAM1RE	50	1492-CAM1LRE	50	1492-CA2RE	50
Blue	1492-CAM1B	50	1492-CAM1LB	50	1492-CA2B	50
Black	1492-CAM1BL	50	1492-CAM1LBL	50	1492-CA2BL	50
Green	1492-CAM1G	50	1492-CAM1LG	50	1492-CA2G	50
Yellow	1492-CAM1Y	50	1492-CAM1LY	50	1492-CA2Y	50
Brown	1492-CAM1BR	50	1492-CAM1LBR	50	1492-CA2BR	50
Violet	1492-CAM1VT	50	1492-CAM1LVT	50	1492-CA2VT	50
Gray	1492-CAM1GY	50	1492-CAM1LGY	50	1492-CA2GY	50
Orange	1492-CAM1OR	50	1492-CAM1LOR	50	1492-CA2OR	50

Accessories (page 12-158)	**Cat. No.**	**Pcs./ Pkg.**	**Cat. No.**	**Pcs./ Pkg.**	**Cat. No.**	**Pcs./ Pkg.**
Mounting Rails: 3’ Scored A-B Rail	1492-N1	20	1492-N1	20	1492-N1	20
3’ Rigid A-B Rail	1492-N22	20	1492-N22	20	1492-N22	20
3’ High Rise A-B Rail	—	—	—	—	1492-N44	2
Standoff Brackets (use every 12”)	1492-N25	2	1492-N25	2	1492-N25	2
1 m Symmetrical DIN	199-DR1	10	199-DR1	10	—	—
1 m Symmetrical DIN (Aluminum)	1492-DR5	10	1492-DR5	10	—	—
1 m Hi-Rise Sym. DIN (Aluminum)	1492-DR6	2	1492-DR6	2	—	—
1 m Angled Hi-Rise Sym. DIN (Steel)	1492-DR7	2	1492-DR7	2	—	—
End Barrier	1492-NM16	50	1492-NM16	50	1492-NM16	50
End Anchors: A-B Rail — HeavyDuty	1492-N23	10	1492-N23	10	1492-N23	10
A-B Rail — Normal Duty	1492-N47	50	1492-N47	50	1492-N47	50
A-B Rail — Retaining Clip — Light Duty	1492-N2	50	1492-N2	50	1492-N2	50
DIN Rail — Normal Duty	1492-EA35	50	1492-EA35	50	—	—
DIN Rail — Heavy Duty	1492-EAH35	10	1492-EAH35	10	—	—
Jumpers: 2-pole Uninsulated	1492-N3	50	1492-N3	50	1492-N3	50
50-pole Uninsulated	1492-N30	10	1492-N30	10	1492-N30	10
Fanning Strip (12-pole can cut to desired length)	1492-N20	1	1492-N20	1	1492-N20	1
Marking Systems	1492-N45	20	1492-N45	20	1492-N45	20

	1492-CAM2		1492-CD2		1492-CE2	
Dimensions are not intended to be used for manufacturing purposes. **Note:** Height dimension is measured from top of rail to top of terminal block.						
Specifications	*Terminal block, tubular screw without pressure plate, multi-rail mountable.*		*Terminal block, tubular screw without pressure plate.*		*Terminal block, tubular screw without pressure plate.*	
Approvals	cULus/CSA		cULus/CSA		cULus/CSA	
Voltage Rating	600V AC/DC		600V AC/DC		600V AC/DC	
Maximum Current	55 A		100 A		195 A	
Wire Range (Rated Cross Section)	#18…#8 AWG (1…10 mm²)		#14…#4 AWG (2.5…25 mm²)		#12…#1/0 AWG (4…50 mm²)	
Wire Strip Length	0.38 in (9.7 mm)		0.44 in (11.2 mm)		0.69 in (17.5 mm)	
Recommended Tightening Torque	10…16 lb-in. (1.1…1.8 Nm)		22…30 lb-in. (2.5…3.4 Nm)		50 lb-in. (5.6 Nm)	
Density	30 pcs./ft (98/m)		22 pcs./ft (72/m)		16 pcs./ft (52/m)	
Insulation Temperature Range	–40…+221 °F (–40…+105 °C)		–40…+221 °F (–40…+105 °C)		–40…+221 °F (–40…+105 °C)	
Terminal Blocks	**Cat. No.**	**Pcs./ Pkg.**	Cat. No.	**Pcs./ Pkg.**	**Cat. No.**	**Pcs./ Pkg.**
Color: White	1492-CAM2	50	1492-CD2	50	1492-CE2	10
Two 3’ Rails White	—	—	1492-CD2130(65/Rail)	1	—	—
Gold	1492-CAM2GL	50	1492-CD2GL	50	1492-CE2GL	10
Red	1492-CAM2RE	50	1492-CD2RE	50	1492-CE2RE	10
Blue	1492-CAM2B	50	1492-CD2B	50	1492-CE2B	10
Black	1492-CAM2BL	50	1492-CD2BL	50	1492-CE2BL	10
Green	1492-CAM2G	50	1492-CD2G	50	1492-CE2G	10
Yellow	1492-CAM2Y	50	1492-CD2Y	50	1492-CE2Y	10
Brown	1492-CAM2BR	50	1492-CD2BR	50	1492-CE2BR	10
Violet	1492-CAM2VT	50	1492-CD2VT	50	1492-CE2VT	10
Gray	1492-CAM2GY	50	1492-CD2GY	50	1492-CE2GY	10
Orange	1492-CAM2OR	50	1492-CD2OR	50	1492-CE2OR	10
Accessories page 12-158	**Cat. No.**	**Pcs./ Pkg.**	**Cat. No.**	**Pcs./ Pkg.**	**Cat. No.**	**Pcs./ Pkg.**
Mounting Rails: 3’ Scored A-B Rail	1492-N1	20	1492-N1	20	1492-N1	20
3’ Rigid A-B Rail	1492-N22	20	1492-N22	20	1492-N22	20
3’ High Rise A-B Rail	—	—	1492-N44	2	1492-N44	2
Standoff Brackets (use every 12”)	1492-N25	2	1492-N25	2	1492-N25	2
1 m Symmetrical DIN	199-DR1	10	—	—	—	—
1 m Symmetrical DIN (Aluminum)	1492-DR5	10	—	—	—	—
1 m Hi-Rise Sym. DIN (Aluminum)	1492-DR6	2	—	—	—	—
1 m Angled Hi-Rise Sym. DIN (Steel)	1492-DR7	2	—	—	—	—
End Barrier	1492-NM16	50	1492-N16	50	1492-N17	50
End Anchors: A-B Rail — HeavyDuty	1492-N23	10	1492-N23	10	1492-N23	10
A-B Rail — Normal Duty	1492-N47	50	1492-N47	50	1492-N47	50
A-B Rail — Retaining Clip — Light Duty	1492-N2	50	—	—	—	—
DIN Rail — Normal Duty	1492-EA35	50	—	—	—	—
DIN Rail — Heavy Duty	1492-EAH35	10	—	—	—	—
Jumpers: 2-pole Uninsulated	1492-N3	50	—	—	1492-N21	10
50-pole Uninsulated	1492-N30	10	—	—	—	—
Fanning Strip (12-pole can cut to desired length)	1492-N20	1	—	—	—	—
Marking Systems	1492-N45	20	1492-N8	25	1492-N45	25

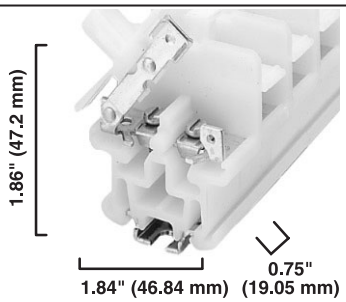
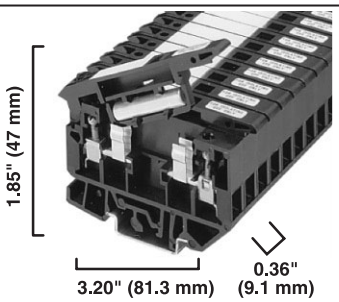
NEMA/EEMAC Terminal Blocks

Open Construction Blocks, Continued

	1492-CA3	1492-CD3	1492-CD8
Dimensions are not intended to be used for manufacturing purposes. **Note:** Height dimension is measured from top of rail to top of terminal block.			
Specifications	*Terminal block, screw terminal with #6 screw.*	*Terminal block, screw terminal with #8 screw.*	*Terminal block, screw terminal with wire clamp.*
Approvals	/CSA	/CSA	/CSA
Voltage Rating	600V AC/DC	600V AC/DC	600V AC/DC
Maximum Current	20 A	35 A	35 A
Wire Range (Rated Cross Section)	#22…#14 AWG (0.5…2.5 mm²)	#22…#10 AWG (0.5…6 mm²)	#22…#10 AWG (0.5…6 mm²)
Wire Strip Length	Prepared Conductors Only*	Prepared Conductors Only*	0.38 in (9.7 mm)
Recommended Tightening Torque	12 lb-in. (1.4 Nm)	10…16 lb-in. (1.1…1.8 Nm)	10…16 lb-in. (1.1…1.8 Nm)
Density	30 pcs./ft (98/m)	22 pcs./ft (72/m)	22 pcs./ft (72/m)
Insulation Temperature Range	–40…+221 °F (–40…+105 °C)	–40…+221 °F (–40…+105 °C)	–40…+221 °F (–40…+105 °C)

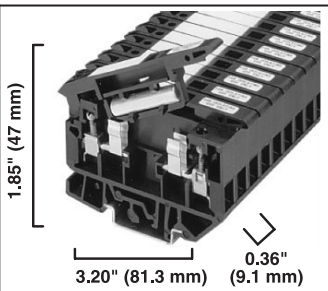
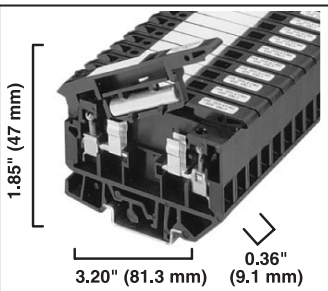
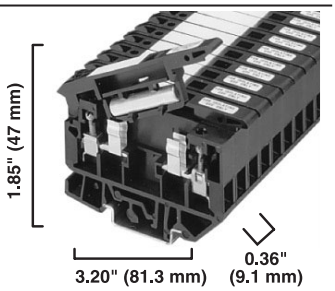
Terminal Blocks	**Cat. No.**	**Pcs./ Pkg.**	**Cat. No.**	**Pcs./ Pkg.**	**Cat. No.**	**Pcs./ Pkg.**
Color: White	1492-CA3	50	1492-CD3	50	1492-CD8	50
Two 3’ Rails White	1492-CA3175(88/Rail)	1	1492-CD3130(65/Rail)	1	1492-CD8130(65/Rail)	1
Gold	1492-CA3GL	50	1492-CD3GL	50	1492-CD8GL	50
Red	1492-CA3RE	50	1492-CD3RE	50	1492-CD8RE	50
Blue	1492-CA3B	50	1492-CD3B	50	1492-CD8B	50
Black	1492-CA3BL	50	1492-CD3BL	50	1492-CD8BL	50
Green	1492-CA3G	50	1492-CD3G	50	1492-CD8G	50
Yellow	1492-CA3Y	50	1492-CD3Y	50	1492-CD8Y	50
Brown	1492-CA3BR	50	1492-CD3BR	50	1492-CD8BR	50
Violet	1492-CA3VT	50	1492-CD3VT	50	1492-CD8VT	50
Gray	1492-CA3GY	50	1492-CD3GY	50	1492-CD8GY	50
Orange	1492-CA3OR	50	1492-CD3OR	50	1492-CD8OR	50
Accessories (page 12-158)	**Cat. No.**	**Pcs./ Pkg.**	**Cat. No.**	**Pcs./ Pkg.**	**Cat. No.**	**Pcs./ Pkg.**
Mounting Rails: 3’ Scored A-B Rail	1492-N1	20	1492-N1	20	1492-N1	20
3’ Rigid A-B Rail	1492-N22	20	1492-N22	20	1492-N22	20
3’ High Rise A-B Rail	1492-N44	2	1492-N44	2	1492-N44	2
Standoff Brackets (use every 12”)	1492-N25	2	1492-N25	2	1492-N25	2
End Barrier	1492-N16	50	1492-N16	50	1492-N16	50
End Anchors: A-B Rail — HeavyDuty	1492-N23	10	1492-N23	10	1492-N23	10
A-B Rail — Snap-On	1492-N47	50	1492-N47	50	1492-N47	50
A-B Rail — Retaining Clip — Light Duty	1492-N2	50	1492-N2	50	1492-N2	50
Jumpers: 2-pole Uninsulated	1492-N14	50	1492-N15	50	1492-N15	50
50-pole Uninsulated	—	—	—	—	—	—
Marking Systems	1492-N8	25	1492-N8	25	1492-N8	25

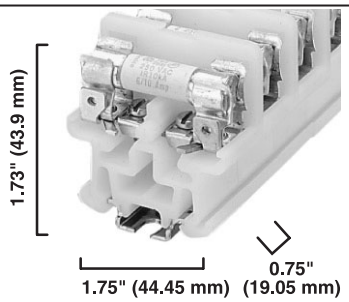
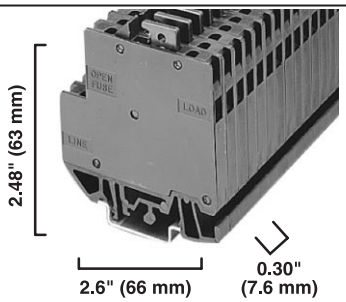
* Prepared conductors utilize ring, spade, or hook connectors.

	1492-CE9		1492-H7	
Dimensions are not intended to be used for manufacturing purposes. **Note:** Height dimension is measured from top of rail to top of terminal block.				
Specifications	*Knife disconnect isolating terminal block with screw terminal and wire clamp.*		*High-density isolating terminal block with finger-safe terminals.*	
Approvals	/CSA		/CSA/IEC	
Voltage Rating	600V AC/DC		300V AC/DC	
Maximum Current	10 A		15 A	
Wire Range (Rated Cross Section)	#22…#10 AWG (0.5…6 mm²)		#30…#12 AWG (0.05…4 mm²)	
Wire Strip Length	0.38 in (9.7 mm)		0.38 in (9.7 mm)	
Recommended Tightening Torque	10…16 lb-in. (1.1…1.8 Nm)		3…7 lb-in. (0.3…0.8 Nm)	
Fuse Size (Not Supplied)	—		1/4 in x 1-1/4 in Dummy Fuse (Supplied)	
Density	16 pcs./ft (52/m)		33 pcs./ft (108/m)	
Insulation Temperature Range	–40…+221 °F (–40…+105 °C)		–40…+221 °F (–40…+105 °C)	
Terminal Blocks	**Cat. No.**	**Pcs./ Pkg.**	Cat. No.	**Pcs./ Pkg.**
Terminal Block	1492-CE9	10	1492-H7	25
Accessories (page 12-158)	**Cat. No.**	**Pcs./ Pkg.**	**Cat. No.**	**Pcs./ Pkg.**
Mounting Rails: 3' Scored A-B Rail	1492-N1	20	1492-N1	20
3' Rigid A-B Rail	1492-N22	20	1492-N22	20
3' High Rise A-B Rail	1492-N44	2	1492-N44	2
Standoff Brackets (use every 12")	1492-N25	2	1492-N25	2
1 m Symmetrical DIN	—	—	199-DR1	10
1 m Symmetrical DIN (Aluminum)	—	—	1492-DR5	10
1 m Hi-Rise Sym. DIN (Aluminum)	—	—	1492-DR6	2
1 m Angled Hi-Rise Sym. DIN (Steel)	—	—	1492-DR7	2
End Barrier	1492-N17	50	1492-N37	50
End Anchors: A-B Rail — HeavyDuty	1492-N23	10	1492-N23	10
A-B Rail — Normal Duty	1492-N47	50	1492-N47	50
DIN Rail — Normal Duty	—	—	1492-EA35	50
DIN Rail — Heavy Duty	—	—	1492-EAH35	10
Side Jumpers: Side Jumper — 10-pole Uninsulated	—	—	1492-N49	10
	—	—	—	—
Fanning Strip (12-pole can cut to desired length)	—	—	1492-SJS	10
Marking Systems	—	—	1492-MS8X12 (70/sheet)	5

NEMA/EEMAC Terminal Blocks

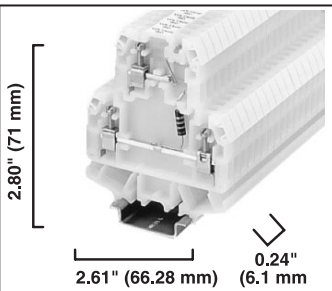
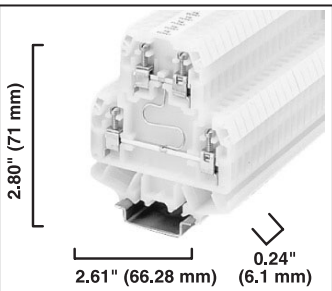
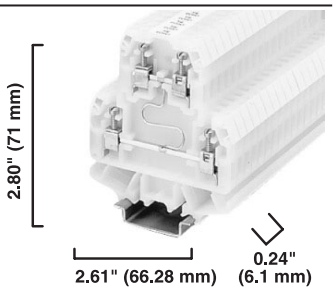
Fuse Blocks

	1492-H4			1492-H5			1492-H6		
Dimensions are not intended to be used for manufacturing purposes. **Note:** Height dimension is measured from top of rail to top of terminal block.									
Specifications	*Single-circuit fusible terminal block with neon blown fuse indicator.*			*Single-circuit fusible terminal block with LED blown fuse indicator.*			*Single-circuit fusible terminal block without a blown fuse indicator.*		
Approvals	cULus	CSA	IEC	cULus	CSA	IEC	cULus	CSA	IEC
Voltage Rating	300V AC/DC	300V AC/DC	500V AC/DC	300V AC/DC	300V AC/DC	500V AC/DC	300V AC/DC	300V AC/DC	500V AC/DC
Maximum Current	12 A	12 A	12 A	12 A	12 A	12 A	12 A	12 A	12 A
Wire Range (Rated Cross Section)	#30…#12 AWG	#30…#12 AWG	0.05…4 mm^2	#30…#12 AWG	#30…#12 AWG	0.05…4 mm^2	#30…#12 AWG	#30…#12 AWG	0.05…4 mm^2
Indicator Type	Neon			LED			Non-Indicating		
Leakage Current	2 mA @ 300V			2 mA @ 24V			—		
Working Voltage	100…300V AC			10…57V AC/DC			Per Fuse Rating		
Fuse Size (Not Supplied)	1/4 in x 1-1/4 in			1/4 in x 1-1/4 in			1/4 in x 1-1/4 in		
Wire Strip Length	0.38 in (9.7 mm)			0.38 in (9.7 mm)			0.38 in (9.7 mm)		
Recommended Tightening Torque	3…7 lb-in. (0.3…0.8 Nm)			3…7 lb-in. (0.3…0.8 Nm)			3…7 lb-in. (0.3…0.8 Nm)		
Density	33 pcs./ft (109/m)			33 pcs./ft (109/m)			33 pcs./ft (109/m)		
Insulation Temperature Range	–40…+221 °F (–40…+105 °C)			–40…+221 °F (–40…+105 °C)			–40…+221 °F (–40…+105 °C)		
Terminal Blocks	**Cat. No.**		**Pcs./ Pkg.**	Cat. No.		**Pcs./ Pkg.**	**Cat. No.**		**Pcs./ Pkg.**
Black	1492-H4		25	1492-H5		25	1492-H6		25
Accessories (page 12-158)	**Cat. No.**		**Pcs./ Pkg.**	**Cat. No.**		**Pcs./ Pkg.**	**Cat. No.**		**Pcs./ Pkg.**
Mounting Rails: 3’ Scored A-B Rail	1492-N1		20	1492-N1		20	1492-N1		20
3’ Rigid A-B Rail	1492-N22		20	1492-N22		20	1492-N22		20
3’ High Rise A-B Rail	1492-N44		2	1492-N44		2	1492-N44		2
Standoff Brackets (use every 12”)	1492-N25		2	1492-N25		2	1492-N25		2
1 m Symmetrical DIN	199-DR1		10	199-DR1		10	199-DR1		10
1 m Symmetrical DIN (Aluminum)	1492-DR5		10	1492-DR5		10	1492-DR5		10
1 m Hi-Rise Sym. DIN (Aluminum)	1492-DR6		2	1492-DR6		2	1492-DR6		2
1 m Angled Hi-Rise Sym. DIN (Steel)	1492-DR7		2	1492-DR7		2	1492-DR7		2
End Barrier	1492-N37		50	1492-N37		50	1492-N37		50
End Anchors: A-B Rail — HeavyDuty	1492-N23		10	1492-N23		10	1492-N23		10
A-B Rail — Normal Duty	1492-N47		50	1492-N47		50	1492-N47		50
DIN Rail — Normal Duty	1492-EA35		50	1492-EA35		50	1492-EA35		50
DIN Rail — Heavy Duty	1492-EAH35		10	1492-EAH35		10	1492-EAH35		10
Side Jumpers: Side Jumper — 10-pole Uninsulated Side Jumper Insulating Sleeve	1492-N49 1492-SJS		10 10	1492-N49 1492-SJS		10 10	1492-N49 1492-SJS		10 10
Marking Systems	1492-MS8X12 (70/sheet)		5	1492-MS8X12 (70/sheet)		5	1492-MS8X12 (70/sheet)		5

	1492-CE6		1492-UF3	
Dimensions are not intended to be used for manufacturing purposes. **Note:** Height dimension is measured from top of rail to top of terminal block.				
Specifications	*13/32" x 1-1/2" fuse block with screw terminals and wire clamp.*		*GMT-style fuse block with blown fuse alarm circuit, finger-safe.*	
Approvals	/CSA		/IEC	
Voltage Rating	600V AC/DC		125V AC, 60V DC	
Maximum Current	10 A		4 A	
Wire Range (Rated Cross Section)	#22…#10 AWG (0.5…6 mm²)		#30…#12 AWG (0.05…4 mm²)	
Wire Strip Length	0.38 in (9.7 mm)		0.38 in (9.7 mm)	
Recommended Tightening Torque	10…16 lb-in. (1.1…1.8 Nm)		3…7 lb-in. (0.3…0.8 Nm)	
Fuse Size (Not Supplied)	13/32 in x 1-1/2 in Fuse		Bussmann GMT-Type Alarm Fuse	
Leakage Current (Indicator Circuit)	—		—	
Density	16 pcs./ft (52/m)		40 pcs./ft (131/m)	
Insulation Temperature Range	–40…+221 °F (–40…+105 °C)		–40…+221 °F (–40…+105 °C)	
Terminal Blocks	**Cat. No.**	**Pcs./ Pkg.**	**Cat. No.**	**Pcs./ Pkg.**
Terminal Block	1492-CE6	10	1492-UF3	40
Terminal Block: Two 3' Rails White	1492-CE695	1	—	—
Accessories (page 12-158)	**Cat. No.**	**Pcs./ Pkg.**	**Cat. No.**	**Pcs./ Pkg.**
Mounting Rails: 3' Scored A-B Rail	1492-N1	20	1492-N1	20
3' Rigid A-B Rail	1492-N22	20	1492-N22	20
3' High Rise A-B Rail	1492-N44	2	1492-N44	2
Standoff Brackets (use every 12")	1492-N25	2	1492-N25	2
1 m Symmetrical DIN	—	—	199-DR1	10
1 m Symmetrical DIN (Aluminum)	—	—	1492-DR5	10
1 m Hi-Rise Sym. DIN (Aluminum)	—	—	1492-DR6	2
1 m Angled Hi-Rise Sym. DIN (Steel)	—	—	1492-DR7	2
End Barrier	1492-N17	50	Not Required	—
End Anchors: A-B Rail — HeavyDuty	1492-N23	10	1492-N23	10
A-B Rail — Normal Duty	1492-N47	50	1492-N47	50
DIN Rail — Normal Duty	—	—	1492-EA35	50
DIN Rail — Heavy Duty	—	—	1492-EAH35	10
Side Jumpers: Side Jumper — 10-pole Uninsulated	—	—	1492-N46	10
Fuse Puller	1492-N12	50	—	—
Marking Systems	—	—	1492-SMN81	5

NEMA/EEMAC Terminal Blocks

Voltage-Indicating Blocks

	1492-HM2V24	1492-HM2V250	1492-HM2V600
Dimensions are not intended to be used for manufacturing purposes. **Note:** Height dimension is measured from top of rail to top of terminal block.			
Specifications	*Provides visual LED voltage indication across upper and lower terminals.*	*Provides visual neon AC voltage indication across upper and lower terminals.*	*Provides visual neon AC voltage indication across upper and lower terminals.*
Approvals	/CSA/IEC	/CSA/IEC	/CSA/IEC
Voltage Rating	600V AC/DC	600V AC/DC	600V AC/DC
Working Voltage	10…55V AC/DC (Indicator Circuit)	100…300V AC/DC (Indicator Circuit)	200…600V AC/DC (Indicator Circuit)
Maximum Current	24 A (Busses)	24 A (Busses)	24 A (Busses)
Indicator Type	LED	Neon	Neon
Indicator Circuit Current	4.0 mA @ 55V DC/0.6 mA @ 10V DC	2.0 mA @ 300V AC	0.6 mA @ 600V AC
Wire Range (Rated Cross Section)	#30…#12 AWG (0.05…4 mm²)	#30…#12 AWG (0.05…4 mm²)	#30…#12 AWG (0.05…4 mm²)
Wire Strip Length	0.38 in (9.7 mm)	0.38 in (9.7 mm)	0.38 in (9.7 mm)
Recommended Tightening Torque	3…7 lb•in (0.3…0.8 N•m)	3…7 lb•in (0.3…0.8 N•m)	3…7 lb•in (0.3…0.8 N•m)
Density	50 pcs/ft (164/m)	50 pcs/ft (164/m)	50 pcs/ft (164/m)
Insulation Temperature Range	–40…+221 °F (–40…+105 °C)	–40…+221 °F (–40…+105 °C)	–40…+221 °F (–40…+105 °C)

Terminal Blocks	**Cat. No.**	**Pcs/ Pkg**	**Cat. No.**	**Pcs/ Pkg**	**Cat. No.**	**Pcs/ Pkg**
Terminal Block	1492-HM2V24	1	1492-HM2V250	1	1492-HM2V600	1
Accessories (page 12-158)	**Cat. No.**	**Pcs/ Pkg**	**Cat. No.**	**Pcs/ Pkg**	**Cat. No.**	**Pcs/ Pkg**
Mounting Rails: 3 ft Scored A-B Rail	1492-N1	20	1492-N1	20	1492-N1	20
3 ft Rigid A-B Rail	1492-N22	20	1492-N22	20	1492-N22	20
Standoff Brackets (Use every 12 in)	1492-N25	2	1492-N25	2	1492-N25	2
1 m Symmetrical DIN	199-DR1	10	199-DR1	10	199-DR1	10
1 m Symmetrical DIN (Alumin.)	1492-DR5	10	1492-DR5	10	1492-DR5	10
1 m Hi-Rise Symmetrical DIN	1492-DR6	2	1492-DR6	2	1492-DR6	2
1 m Angled Hi-Rise Sym. DIN	1492-DR7	2	1492-DR7	2	1492-DR7	2
End Barrier	1492-NM40	50	1492-NM40	50	1492-NM40	50
End Anchors and Retainers: A-B Rail — Heavy Duty	1492-N23	10	1492-N23	10	1492-N23	10
DIN Rail — Normal Duty	1492-EA35	50	1492-EA35	50	1492-EA35	50
DIN Rail — Heavy Duty	1492-EAH35	10	1492-EAH35	10	1492-EAH35	10
Side Jumpers: 2-pole Insulated	1492-N42	50	1492-N42	50	1492-N42	50
10-pole Insulated	1492-SJ6-10	10	1492-SJ6-10	10	1492-SJ6-10	10
50-pole Uninsulated	1492-N39	10	1492-N39	10	1492-N39	10
Side Jumper Insulating Sleeve	1492-SJS	10	1492-SJS	10	1492-SJS	10
Marking Systems	1492-SMN81	5	1492-SMN81	5	1492-SMN81	5

This block is available with an A-B Rail Only mounting foot. Delete the **M** after the **H** in the cat. no.
Package quantities are as shown on this page.
Order accessories from the list under the **1492-H2** block at www.ab.com/catalogs.

Panel Mount Blocks

Allen-Bradley Panel Mount Blocks are most often used when the installation requires only a few terminations. Designed to save on installation time, Allen-Bradley Panel Mount Blocks are ready to wire after mounting; no rail is needed. Available in four different styles and seven different types, the wide variety meets the needs of most applications.

Catalog Number 1492-HC6 blocks feature six poles in a two-inch long, finger-safe design. The Catalog Number 1492-HC6 has an interlocking feature which saves space in multi-block installations. Mounting screws are included.

Other Panel Mount Block Styles Include:

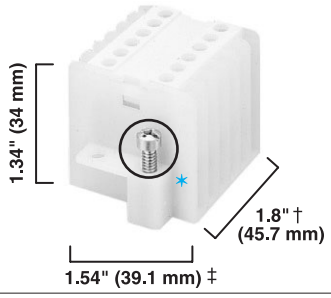
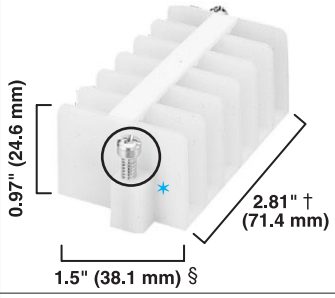
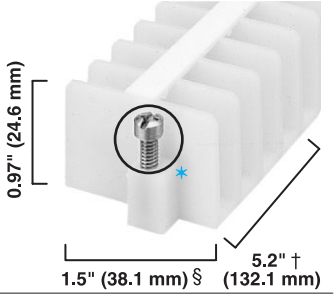
- Multiple Barrier Strip (Catalog Numbers 1492-HJ86, 1492-HJ812), for simple connection of solid or stranded wires, 6 or 12 poles.
- Pull-Apart Blocks (Catalog Numbers 1492-EC85, 1492-ED103), which allow the disconnection of multiple poles at once, are available in 3- or 5-pole versions and are used extensively in Motor Control Centers.
- High Temperature Dovetail Blocks (Catalog Numbers 1492-15T, 1492-25T), capable of handling up to 302 °F (150 °C). These blocks have a dovetail design, which allows multiple poles to be interlocked. They require only two fastening points every 12 blocks.

Note: Panel Mount terminal blocks come standard with a write-on marking surface for easy product identification. All Panel Mount Blocks are made of materials with a 94-V2 flammability rating except Catalog Numbers 1492-15T and 1492-25T, which are made of 94-V0 material.

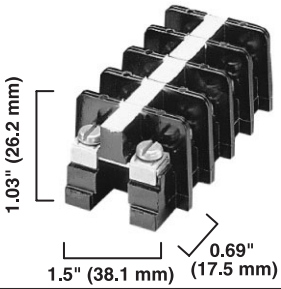
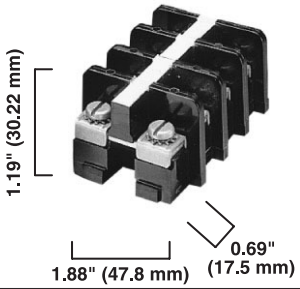
Note: Most Panel Mount Blocks are UL Component Recognized and CSA Certified. Look for or CSA in the product specifications.

- UL File Number E40735, Guide Number XCFR2
- CSA File Number LR67896, Class 622801

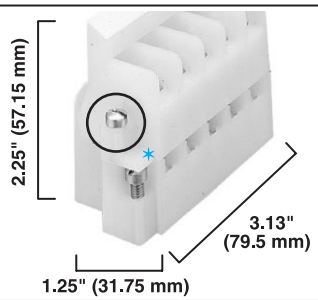
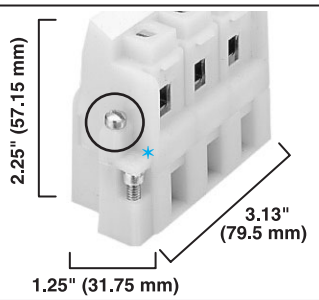
Panel Mount Blocks

	1492-HC6		1492-HJ86		1492-HJ812	
Dimensions are not intended to be used for manufacturing purposes.						
Specifications	High-density 6-pole panel mount terminal block. Can be interconnected to make 12- and 18-pole units.		Standard 6-pole panel mount block. Screw terminal with wire clamp.		Standard 12-pole panel mount block. Screw terminal with wire clamp.	
Approvals	/CSA		/CSA		/CSA	
Voltage Rating	600V AC/DC		600V AC/DC		600V AC/DC	
Maximum Current (per pole)	25 A		25 A		25 A	
Wire Range (Rated Cross Section)	#30…#12 AWG (0.05…4 mm²)		#18…#12 AWG (1…4 mm²)		#18…#12 AWG (1…4 mm²)	
Wire Strip Length	0.38 in (9.7 mm)		0.38 in (9.7 mm)		0.38 in (9.7 mm)	
Recommended Tightening Torque	3…7 lb-in. (0.3…0.8 Nm)		8…16 lb-in. (0.9…1.8 Nm)		8…16 lb-in. (0.9…1.8 Nm)	
Insulation Temperature Range	–40…+221 °F (–40…+105 °C)		–40…+221 °F (–40…+105 °C)		–40…+221 °F (–40…+105 °C)	
Terminal Blocks	**Cat. No.**	**Pcs./Pkg.**	**Cat. No.**	**Pcs./Pkg.**	**Cat. No.**	**Pcs./Pkg.**
Terminal Block	1492-HC6	1	1492-HJ86	1	1492-HJ812	1
Accessories (page 12-158)	**Cat. No.**	**Pcs./Pkg.**	**Cat. No.**	**Pcs./Pkg.**	**Cat. No.**	**Pcs./Pkg.**
Jumpers: 2-Pole Uninsulated	1492-N38	50	1492-N38	50	1492-N38	50
50-pole Uninsulated	1492-N39	10	—	—	—	—
Side Jumper — Insulating Sleeve	1492-SJS	10	—	—	—	—
Anchor Unit: (required every 12th block)	Not Required	—	Not Required	—	Not Required	—
End Piece	Not Required	—	Not Required	—	Not Required	—

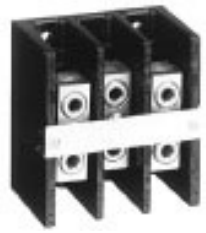
∗ #8-32 screw.
† Measurement between mounting screw centers.
‡ Mounting screws are offset 0.31in (7.9 mm) from centerline.
§ Mounting screws are offset 0.19in (4.76 mm) from centerline.

	1492-15T		1492-25T	
Dimensions are not intended to be used for manufacturing purposes.				
Specifications	High temperature 1-pole panel mount block, wire clamp. Gangable for multi-pole installation.		High temperature 1-pole panel mount block, wire clamp. Gangable for multi-pole installation.	
Voltage Rating	600V AC/DC		600V AC/DC	
Maximum Current (per pole)	35 A		45 A	
Wire Range (Rated Cross Section)	#16…#12 AWG (1.5…4 mm²)		#16…#10 AWG (1.5…6 mm²)	
Wire Strip Length	0.38 in (9.7 mm)		0.38 in (9.7 mm)	
Recommended Tightening Torque	10…16 lb-in. (1.1…1.8 Nm)		10…16 lb-in. (1.1…1.8 Nm)	
Insulation Temperature Range	–40…+300 °F (–40…+149 °C)		–40…+300 °F (–40…+149 °C)	
Terminal Blocks	**Cat. No.**	**Pcs./Pkg.**	**Cat. No.**	**Pcs./Pkg.**
Terminal Block	1492-15T	100	1492-25T	100
Accessories (page 12-158)	**Cat. No.**	**Pcs./Pkg.**	**Cat. No.**	**Pcs./Pkg.**
Anchor Unit: (required every 12th block)	1492-25A	10	1492-25A	10
End Piece	1492-15E	25	1492-25E	25

Panel Mount Blocks

	1492-EC85		1492-ED103	
Dimensions are not intended to be used for manufacturing purposes.				
Specifications	5-pole terminal block. Pulls apart to disconnect all poles from the circuit.		3-pole terminal block. Pulls apart to disconnect all poles from the circuit.	
Approvals (See page 12-5)	c UL us/CSA		c UL us/CSA	
Voltage Rating	600V AC/DC		600V AC/DC	
Maximum Current (per pole)	25 A		60 A	
Wire Range (Rated Cross Section)	#20…#12 AWG (0.75…4 mm²)		#14…#4 AWG (2.5…25 mm²)	
Wire Strip Length	0.38 in (9.7 mm)		0.38 in (9.7 mm)	
Recommended Tightening Torque	6…16 lb-in. (0.7…1.8 Nm)		10…30 lb-in. (1.1…3.4 Nm)	
Insulation Temperature Range	–40…+221 °F (–40…+105 °C)		–40…+221 °F (–40…+105 °C)	
Terminal Blocks	**Cat. No.**	**Pcs./Pkg.**	**Cat. No.**	**Pcs./Pkg.**
Terminal Block	1492-EC85	1	1492-ED103	1
Accessories (page 12-158)	**Cat. No.**	**Pcs./Pkg.**	**Cat. No.**	**Pcs./Pkg.**
Jumpers: 2-Pole Uninsulated	1492-N38	50	1492-N38	50
Anchor Unit: (required every 12th block)	Not Required	—	Not Required	—
End Piece	Not Required	—	Not Required	—

* #8-32 screw.



Bulletin 1492 — Power Blocks

The broad line of Allen-Bradley Power Blocks is designed to meet most application needs. Power Blocks feature easy circuit marking (all but Cat. No. 1492-PDM mini-style blocks have a write-on marking surface). In addition, mounting dimensions are provided with each unit and wire ranges and tightening torques are labeled on the product to simplify installation.
Three styles of Power Blocks are available:

- Mini Blocks
- 3-Pole Power Distribution Blocks with Aluminum Connectors (Alternative with Copper Connectors)
- Feed-Through/Splicer Blocks with Aluminum Connectors (Alternative with Copper Connectors)

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Standards Compliance

- CE Marked
- CSA Certified
  (File No. LR 19766,
  Class 605204)
- UL Component Recognized
  (File No. E40735,
  Guide No. XCFR2)

Flammability Rating

94V-O

Product Selection

Mini Blocks

- Rated at 600V AC/DC, 115 A; these blocks offer high current carrying capacity in a very small package to save on panel space
- Two configurations available: 3-pole feed-through with 1 line opening and 1 load opening per pole; 3-pole power distribution with 1 line opening and 4 load openings per pole
- Insulating Material Max. Temperature: 257 °F (125 °C)

3-Pole Power Distribution Blocks with Aluminum Connectors (Alternative with Copper Connectors)

- Ideal for distributing power to multiple loads
- Rated at 600V AC/DC, 175…760 A
- 1 or 2 line openings per pole, 4, 6, 8, or 12 load openings per pole
- Insulating Material Max Temperature: 302 °F (150 °C)

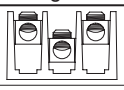
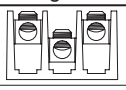
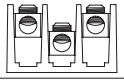
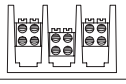
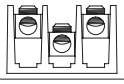
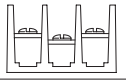
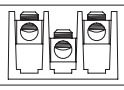
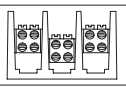
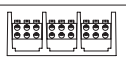
Feed-Through/Splicer Blocks with Aluminum Connectors (Alternative with Copper Connectors)

- Allow easy connection of field wiring to a cabinet
- Rated at 600V AC/DC, 175…760 A (copper wire only)
- 1- and 3-pole configurations
- 1 line opening, 1 load opening per pole (2 line/2 load for higher current applications)
- Insulating Material Max. Temperature: 302 °F (150 °C)

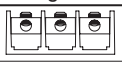
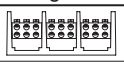
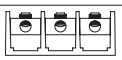
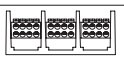
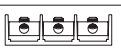
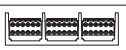
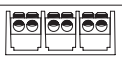
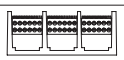
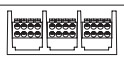
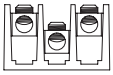
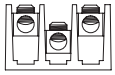
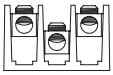
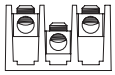
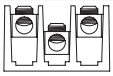
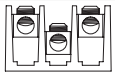
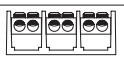
Power Block Covers

- Available as an accessory to Power Blocks
- Material 0.06 clear protective Plexiglass
- Covers slotted for easy installation

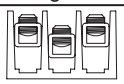
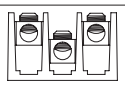
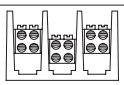
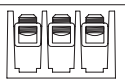
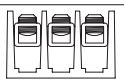
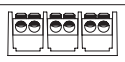
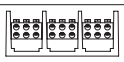
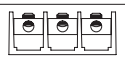
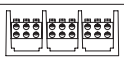
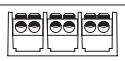
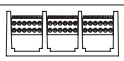
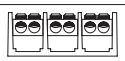
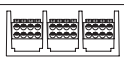
Aluminum Connectors

	Line					Load			
Cat. No.	No. of Poles	Amperage	Connector Configuration	Wire Range for Line	Wires Per Pole for Line	Connector Configuration	Wire Range for Load	Wires Per Pole for Load	Power Block Cover
1492-PDM3111	3	115		#2…#14 (35…2.5)	1		#2…#14 (35…2.5)	1	1492-PBC9
1492-PDM3141	3	115		#2…#14 (35…2.5)	1		#10…#16 (6…0.75)	4	1492-PBC9
1492-50YF 1492-100YF	1	175		2/0…#14 (70…2.5)	1		1/4’ Tap w/Binding Screw	1	1492-PBC4
1492-50 XF 1492-100XF	3	175		2/0…#14 (70…2.5)	1		1/4’ Tap w/Binding Screw	1	1492-PBC1
1492-PD3141	3	175		2/0…#14 (70…2.5)	1		#4…#14 (25…2.5)	4	1492-PBC1
1492-PD3263	3	350		2/0…#14 (70…2.5)	2		#4…#14 (25…2.5)	6	1492-PBC2

Aluminum Connectors, Continued

Cat. No.	Line					Load			
	No. of Poles	Amperage	Connector Configuration	Wire Range for Line	Wires Per Pole for Line	Connector Configuration	Wire Range for Load	Wires Per Pole for Load	Power Block Cover
1492-PD3163	3	335		400MCM- #6 (185…16)	1		#4…#14 (25…2.5)	6	1492-PBC2
1492-PD3183	3	335		400MCM- #6 (185…16)	1		#2…#14 (35…2.5)	8	1492-PBC8
1492-PD31123	3	380		500MCM- #6 (240…25)	1		#2…#14 (35…2.5)	12	1492-PBC3
1492-PD32127	3	760		500MCM- #6 (240…25)	2		#4…#14 (25…2.5)	12	1492-PBC3
1492-PD3287	3	760		500MCM- #6 (240…25)	2		#2/0…#14 (70…2.5)	8	1492-PBC3
1492-50Y	1	115		#2…#14 (35…2.5)	1		#2…#14 (35…2.5)	1	1492-PBC4
1492-50X	3	115		#2…#14 (35…2.5)	1		#2…#14 (35…2.5)	1	1492-PBC1
1492-100Y	1	175		2/0…#14 (70…2.5)	1		2/0…#14 (70…2.5)	1	1492-PBC4
1492-100X	3	175		2/0…#14 (70…2.5)	1		2/0…#14 (70…2.5)	1	1492-PBC1
1492-BE	1	255		250MCM- #6 (120…16)	1		250MCM- #6 (120…16)	1	1492-PBC5
1492-PD3113	3	310		350MCM- #6 (185…16)	1		350MCM- #6 (185…16)	1	1492-PBC2
1492-BF	1	420		600MCM- #4 (300…25)	1		600MCM- #4 (300…25)	1	1492-PBC6
1492-PD3226	3	620		350MCM- #6 (185…16)	3		350MCM- #6 (185…16)	3	1492-PBC3
1492-BG	1	760		500MCM- #4 (240…25)	2		500MCM- #4(240…25)	2	1492-PBC7

Copper Connectors

Cat. No.	Line					Load			
	No. of Poles	Amperage	Connector Configuration	Wire Range for Line	Wires Per Pole for Line	Connector Configuration	Wire Range for Load	Wires Per Pole for Load	Power Block Cover
1492-PD3C111	3	150		1/0...#16 (50…0.75)	1		1/0...#16 (50…0.75)	1	1492-PBC1
1492-PD3C141	3	175		2/0…#14 (70…2.5)	1		#4...#14 (25…2.5)	4	1492-PBC1
1492-PD3C112	3	255		250MCM-#6 (120…16)	1		250MCM-#6 (120…16)	1	1492-PBC2
1492-PD3C263	3	350		2/0…#14 (70…2.5)	2		#4…#14 (25…2.5)	6	1492-PBC2
1492-PD3C163	3	380		500MCM-#4 (240…25)	1		#2…#14 (35…2.5)	6	1492-PBC2
1492-PD3C2127	3	760		500MCM-#4 (240…25)	2		#2…#14 (35…2.5)	12	1492-PBC3
1492-PD3C287	3	760		500MCM-#4 (240…25)	2		#2…#14 (35…2.5)	8	1492-PBC3

Dimensions are in inches (millimeters). Dimensions are not intended to be used for manufacturing purposes.

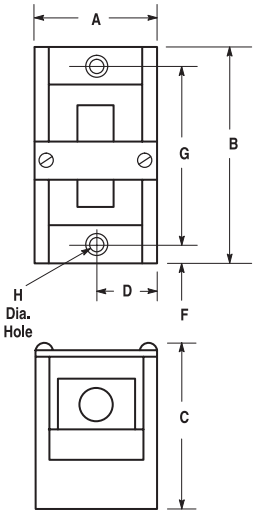


Figure 1

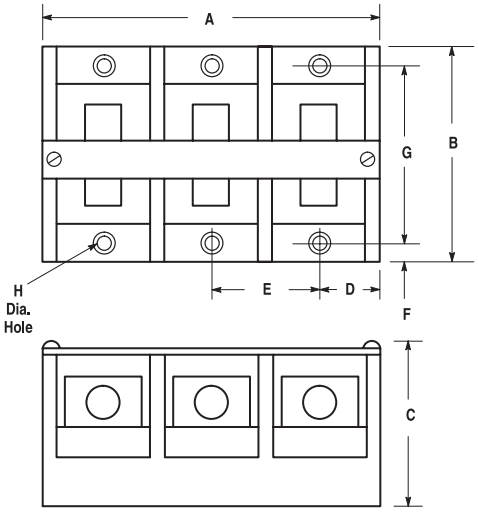


Figure 2

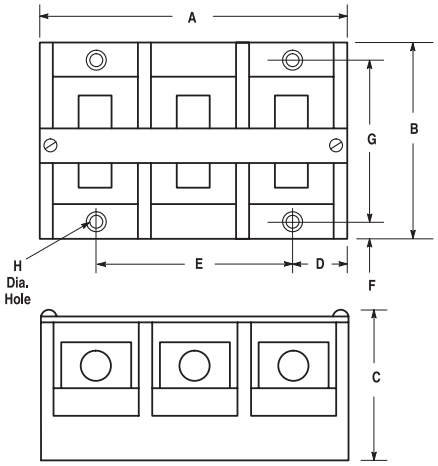


Figure 3

Cat. No.	Figure	A	B	C	D	E	F	G	H
1492-PDM3111	3*	2.03 (51.56)	2.29 (58.17)	1.62 (41.15)	0.38 (9.68)	1.27 (32.26)	0.19 (4.83)	1.93 (49.02)	0.201 (5.11)
1492-PDM3141	3*	2.03 (51.56)	2.29 (58.17)	1.62 (41.15)	0.38 (9.68)	1.27 (32.26)	0.19 (4.83)	1.93 (49.02)	0.201 (5.11)
1492-50Y	1	1.13 (28.7)	2.88 (73.15)	1.88 (47.8)	0.56 (14.22)	—	0.31 (7.87)	2.25 (57.15)	0.205 (5.21)
1492-100Y	1	1.13 (28.7)	2.88 (73.15)	1.88 (47.8)	0.56 (14.22)	—	0.31 (7.87)	2.25 (57.15)	0.205 (5.21)
1492-50X	3	2.75 (69.85)	2.88 (73.15)	1.88 (47.8)	0.56 (14.22)	1.62 (41.2)	0.31 (7.87)	2.25 (57.15)	0.205 (5.21)
1492-100X	3	2.75 (69.85)	2.88 (73.15)	1.88 (47.8)	0.56 (14.22)	1.62 (41.2)	0.31 (7.87)	2.25 (57.15)	0.205 (5.21)
1492-50XF	3	2.75 (69.85)	2.88 (73.15)	1.88 (47.8)	0.56 (14.22)	1.62 (41.2)	0.31 (7.87)	2.25 (57.15)	0.205 (5.21)
1492-50YF	1	1.13 (28.7)	2.88 (73.15)	1.88 (47.8)	0.56 (14.22)	—	0.31 (7.87)	2.25 (57.15)	0.205 (5.21)
1492-100XF	3	2.75 (69.85)	2.88 (73.15)	1.88 (47.8)	0.56 (14.22)	1.62 (41.2)	0.31 (7.87)	2.25 (57.15)	0.205 (5.21)
1492-100YF	1	1.13 (28.7)	2.88 (73.15)	1.88 (47.8)	0.56 (14.22)	—	0.31 (7.87)	2.25 (57.15)	0.205 (5.21)
1492-PD3C111	3	2.75 (69.85)	2.88 (73.15)	1.88 (47.8)	0.56 (14.22)	1.62 (41.2)	0.31 (7.87)	2.25 (57.15)	0.205 (5.21)
1492-PD3C141	3	2.75 (69.85)	2.88 (73.15)	1.88 (47.8)	0.56 (14.22)	1.62 (41.2)	0.31 (7.87)	2.25 (57.15)	0.205 (5.21)
1492-PD3141	3	2.75 (69.85)	2.88 (73.15)	1.88 (47.8)	0.56 (14.22)	1.62 (41.2)	0.31 (7.87)	2.25 (57.15)	0.205 (5.21)
1492-BE	1	1.94 (49.28)	4 (101.6)	2.72 (69.1)	0.97 (24.64)	—	0.31 (7.87)	3.38 (85.85)	0.203 (5.16)
1492-PD3C112	2	5 (127)	4 (101.6)	2.72 (69.1)	0.97 (24.64)	1.53 (38.86)	0.31 (7.87)	3.38 (85.85)	0.203 (5.16)
1492-PD3113	2	5 (127)	4 (101.6)	2.72 (69.1)	0.97 (24.64)	1.53 (38.86)	0.31 (7.87)	3.38 (85.85)	0.203 (5.16)
1492-PD3263	2	5 (127)	4 (101.6)	2.72 (69.1)	0.97 (24.64)	1.53 (38.86)	0.31 (7.87)	3.38 (85.85)	0.203 (5.16)
1492-PD3163	2	5 (127)	4 (101.6)	2.72 (69.1)	0.97 (24.64)	1.53 (38.86)	0.31 (7.87)	3.38 (85.85)	0.203 (5.16)
1492-PD3C163	2	5 (127)	4 (101.6)	2.72 (69.1)	0.97 (24.64)	1.53 (38.86)	0.31 (7.87)	3.38 (85.85)	0.203 (5.16)
1492-PD3C263	2	5 (127)	4 (101.6)	2.72 (69.1)	0.97 (24.64)	1.53 (38.86)	0.31 (7.87)	3.38 (85.85)	0.203 (5.16)
1492-BF	1	2.28 (57.91)	4.75 (120.65)	2.92 (74.2)	1.12 (28.45)	—	0.31 (7.87)	4.13 (104.9)	0.203 (5.16)
1492-PD3183	2	6.04 (153.42)	4.75 (120.65)	2.92 (74.2)	1.12 (28.45)	1.88 (47.75)	0.31 (7.87)	4.13 (104.9)	0.203 (5.16)
1492-BG	1	3.17 (80.25)	5.50 (139.7)	3.23 (82.0)	1.58 (40.13)	—	0.38 (9.68)	4.75 (120.65)	0.265 (6.73)
1492-PD31123	2	8.54 (216.92)	5.50 (139.7)	3.23 (82.0)	1.58 (40.13)	2.69 (68.58)	0.38 (9.68)	4.75 (120.65)	0.265 (6.73)
1492-PD3287	2	8.54 (216.92)	5.50 (139.7)	3.23 (82.0)	1.58 (40.13)	2.69 (68.58)	0.38 (9.68)	4.75 (120.65)	0.265 (6.73)
1492-PD32127	2	8.54 (216.92)	5.50 (139.7)	3.23 (82.0)	1.58 (40.13)	2.69 (68.58)	0.38 (9.68)	4.75 (120.65)	0.265 (6.73)
1492-PD3226	2	8.54 (216.92)	5.50 (139.7)	3.23 (82.0)	1.58 (40.13)	2.69 (68.58)	0.38 (9.68)	4.75 (120.65)	0.265 (6.73)
1492-PD3C2127	2	8.54 (216.92)	5.50 (139.7)	3.23 (82.0)	1.58 (40.13)	2.69 (68.58)	0.38 (9.68)	4.75 (120.65)	0.265 (6.73)
1492-PD3C287	2	8.54 (216.92)	5.50 (139.7)	3.23 (82.0)	1.58 (40.13)	2.69 (68.58)	0.38 (9.68)	4.75 (120.65)	0.265 (6.73)

* No Marker Strip.

Analog Wiring Systems

Digital Wiring Systems

Bulletin 1492 Programmable Controller Wiring Systems

- Increases Machine Building Productivity
- Simplifies Design and Engineering Time
- Reduces Wiring Time and Wiring Errors
- Benefits From Quality-looking Panels

Table of Contents

Standards Compliance and Certifications

- UL Component Recognized, File E113724, Guide No. NRAQ2
- CSA Certified, File LR1234, Class 3211-07
- UL Recognized per Canadian Standards (cUR), File E113724, Guide No. NRAQ8
- FM approved, J.I. 3000590*

* Relay modules do not have this approval.

Description

Connecting to Allen-Bradley I/O is convenient with Allen-Bradley Interface Modules and Cables. Unlike conventional terminal blocks, they connect through pre-wired cables to digital and analog I/O for the Bulletin 1746 SLC, Bulletin 1756 ControlLogix, Bulletin 1769 Compact I/O for CompactLogix and MicroLogix 1500, and Bulletin 1771/PLC-5 platforms. The interface modules are mounted onto a standard DIN #3 Rail. Pre-printed adhesive label cards containing field-wiring information are available for each interface module and I/O module combination. Wiring systems are available for over 100 different I/O modules and over 50 analog modules. In addition, we offer a custom wiring system program for those applications that do not meet your system requirements.

Benefits

Simplified Design

Wiring is completed in a fraction of the time when wiring systems are used as compared with the traditional method of wiring each point to the I/O swing arm and field-side terminal blocks. Pre-wired cables are factory-wired to the I/O wiring arm on one end and a connector for the Interface Module (IFM) on the other. IFMs enhance the capability of the I/O systems with added terminations, field-side LED status indicators, isolation circuits, overcurrent protection, and higher amp outputs. Both standard and specific build-to-order length cables are available, providing the correct length for any panel in a neat, space-efficient wiring solution.

Reduced Wiring Errors

Wiring system cables are pre-tested to ensure 100% accurate connections and eliminate the need for point-to-point checking of wiring. No more crossed wires and loose connections between the I/O module and the terminal block. Even one error in wiring 128 I/O points in a point-to-point system may require a complete check of the wiring. Wiring errors can take several minutes to track down and correct before the panel is ready for startup. When IFMs and cables are snapped in place, they fit every time — no need to find the wrong or loose connection, resulting in a much higher rate of success at system startup.

Faster Troubleshooting and Easier Maintenance

Normal terminal blocks can't offer the benefits of IFMs, such as LED indication on each I/O point. Wiring systems improve system startup and ease troubleshooting and maintenance. Diagnostic capabilities in the form of fuses, blown fuse indication, and field-side ON-State LEDs — in a reduced space — allow maintenance personnel to quickly locate faults, reduce downtime, and improve overall productivity.

Increased Volume and Productivity

Cable interconnections for a wiring system can be up to 30 times faster to install than traditional point-to-point wiring, enabling OEMs and panel builders using wiring systems to build panels faster and produce more machines.

Reduced Wire Preparation and Routing

Pre-wired cables eliminate the time and costs associated with stripping and cutting wires. Routing wires is much easier with wiring systems, since engineers only have to worry about routing one pre-wired cable versus the 20 or 40 wires needed in the traditional wiring method.

Labeling and Marking

Pre-printed, I/O-specific adhesive label strips for quick marking of IFM terminals save labor compared with point-to-point wiring that requires labor intensive wire markers. Pre-wired cables require no wire labels. Pre-printed I/O-specific labels ensure neat, easy-to-read identification of wires and I/O points for all users.
The marking of traditional terminal blocks has even caused some OEMs to move toward a high-tech approach of plotting markers, requiring additional equipment in the form of a plotter system and a PC to run the plotter software.

Reduced Wiring Time

Design engineers can simplify their panel drawings by calling out an IFM and pre-wired cable instead of having to detail every single wire and terminal block on their drawings. Simplified panel drawings aid not only the installer, but also the end customer who receives the panel.

Increased DIN Rail Density

An increasing trend in the industry is to pack more products into the same DIN Rail space. Wiring systems support this trend, as they require less DIN Rail space than traditional terminal blocks. For example, if an OEM were to use a 40-point IFM in place of 40 terminal blocks, DIN Rail space can be reduced by more than 50%. All IFMs have terminals for connecting the I/O field wiring. In addition, extra terminal, sensor, fusible IFMs, and relay IFMs contain common terminals that are used as power busses for sensor and actuators. No additional terminal blocks are needed to provide power to the sensors/actuators — saving valuable panel/DIN Rail space.
To further reduce panel space, narrow IFMs (i.e., Cat. No. 1492-IFM20FN) have been designed. They require 45% less space than the standard length IFMs, making them well-suited for tightly packed enclosures. The high density narrow IFMs have two rows of 10 field-wiring terminals with an overall length of 60 mm (2.36 in.)

Quality-Looking Panels

The pre-wired cables and IFMs organize the wiring in your panel and provide a consistent look. Pre-printed adhesive labels for the terminals neatly identify field-wiring connections, which correspond to the I/O module address. A large marking area is also available for identifying I/O information on the IFM.

Fewer Parts, Less Inventory and Lower Carrying Cost

A wiring system involves an IFM and the cable, versus the block, barrier, jumper, markers, wires, and swing arms associated with traditional hardwired systems. Therefore, it requires fewer components and, in turn, less inventory and lower carrying costs.

Design Flexibility

To develop a cost-effective system, the hardware components must meet the needs of the design engineer. Rockwell Automation provides the broadest range of digital and analog systems in the industry. Allen-Bradley Wiring Systems deliver a lower life-cycle cost.

Programmable Controller Wiring Systems

IFM and XIM Cable Cat. No. Explanation for Digital I/O Modules

Custom Wiring System Program

1492 Custom Wiring Systems opens up a new capability for the Allen-Bradley customer. When standard wiring systems do not do the job, customers can ask for modification or a completely new design that fits their application requirements.

Through the Custom Wiring System Program, customers can provide their design input for an interface module or cable with no up front fees and a minimum order quantity of only thirty-five (35) units.

This catalog provides reference to catalog number selection and configuration. **For the fastest and most complete 1492 Wiring System Product Selection go to http://www.ab.com/raise** http://www.ab.com/raise.This tool will provide:

- Catalog Number Configuration of Interface Modules and Appropriate Pre-Wired Cables
- Field Side Wiring Diagrams for Each Interface Module
- Prewired Cable Pin-outs
- ABCAD Module Files
- Label Card Information
- User Documentation Specification for Each Interface Module

RAISE™ www.ab.com/raise

In addition, we use our "Fastrack Customer Solutions" capabilities which can have a design in the customer's hands within 8 to 10 weeks. The custom designs are done directly between the customer's engineer and the Rockwell Automation engineer. We have removed the middle man so we can get the design right the first time. Each design is approved by the customer prior to starting manufacturing of the customer's custom product. This is done through the customer reviewing bills of materials, schematics, and assembly drawings and signing them off. The distributor sales person in kept in the loop but direct customer contact is a must during the design cycle. The process starts with the distributor and customer completing the "Request for Quote for Custom Interface Module and Cable" form. This form is then e-mailed into www.abcustomwiringsystems@ra.rockwell.com for processing within Rockwell Automation Marketing and Engineering.

UL and CSA certifications are also possible on the custom modules. Minimal fees may apply.

Important: The following cat. no. breakdown is for explanatory purposes only. It is not a product configurator. Not all combinations of fields are valid cat. nos. Use this breakdown for verification and explanation only.

The cables used for Relay Master/Expander XIMs are the same as those used for Digital I/O Modules (page 12-97) with the exception of the Cat. No. 1746-OA16 output module, which uses the 1492-CABLE*CR cable.

1492	–	IFM	20	F-120	–	2
		a	*b*	*c*		*d*

a

Digital Interface Modules

b

Digital Cable Connector Size	
Code	Description
20	20 pins
40	40 pins

c

Module Type (all types do not configure a catalog number)	
Code	Description
A	Input Module
F	Feedthrough
F24	FuseD 24 Volt
F120	Fused 120 Volt
FS	Fused Isolated
D	LEDs
N	Narrow
24	24 Volt
120	120 Volt
240	240 Volt

d

Number of Field Side Wiring Terminals	
Code	Description
Blank	One per I/O connection (Standard Terminals)
2	Two per I/O connection (Extra Terminals)
3	Three per I/O connection (Sensor Terminals)
4	Four per I/O connection (Special Terminal)

Important; The following AIFM Cat. No. breakdown is for explanation purposes only. It is not a product configurator. Not all combinations of fields are valid product cat. nos. Use this breakdown for verification and explanation only.

1492 – AIFM 16-F – 5
a *b* *c*

a

Analog Interface Module

b

Module Type (all types do not configure a catalog number)	
Code	Description
4	4 channel
C	Combination
6	6 channel
8	8 channel
16	16 channel
F	Fused

c

Number of Field Side Wiring Terminals	
Code	Description
3	Three per I/O channel
5	Five per I/O channel

1492 – XIFM 20 24 – 16RF
a *b* *c* *d*

a

Relay Interface Module

b

No. Cable Connector Pins	
Code	Description
20	20 pins
40	40 pins
Blank	Expander module

c

Module Type (all types do not configure a catalog number)	
Code	Description
F	24V relay coil
F-F24	5 x 20 mm fuse holders with 24 volt blown fuse indication
F-F120	5 x 20 mm fuse holders with 120V blown fuse indication D
24	24 volt relay coil
120	120 volt relay coil

d

No. Cable Connector Pins	
Code	Description
2	2 terminals per point
8R	8 relays
16R	16 relays
16RF	16 fused relays

IFM and XIM Cable Cat. No. Explanation for Digital I/O Modules

Important: Use the following tables as a product configurator for pre-wired, IFM-ready, and I/O module-ready cables for Bulletins 1769 and 1771 digital I/O module cables. All combinations of these fields make valid product cat. no. Refer to selection tables for IFM/XIM compatibility and ordering.

1492 – CABLE 010 A
a *b* *c*

a

Digital Interface Cable

b

Standard or Build to Order Lengths		
Code	Description	
005	0.5 m (1.64 ft)	Standard
010	1.0 m (3.28 ft)	
025	2.5 m (8.20 ft)	
050	5.0 m (16.40 ft)	
001-020	0.1…2.0 m (0.328…6.56 ft) 0.1 m (0.328 ft increments)	Build-to-Order
020-100	2.0…10.0 m (6.56…32.8 ft) 0.5 m (1.64 ft) increments	
100-990	10.0…99.0 m (32.8…374.72 ft) 1.0 m (3.28 ft) increments	

c

Cable Type	
Code	Description
A69, B69, C69, D69, E69, F69, G69, H69	Pre-wired cables for 8- and 16-channel Bulletin 1769 digital I/O modules
RTN18	I/O-ready cable with Cat. No. 1746-RTBN18 terminal block
RTN10	I/O-ready cable with Cat. No. 1746-RTBN10 terminal block
R71	Pre-wired cables for 16-channel isolated and 32-channel digital Bulletin 1771 I/O modules*

* To make sure the Bulletin 1771 PLC analog I/O module is compatible with the IFM, see page 40 and page 41 of publication 1492-TD008A-EN-P.

Programmable Controller Wiring Systems

Pre-Wired Cable Cat. No. Explanation for Bulletins 1746, 1756, and 1771 Analog I/O Modules

Important: The following analog cable cat. no. breakdown is for explanation purposes only. It is not a product configurator. All combinations of fields are not valid product cat. nos. First, select the desired AIFM using the steps in Ordering Digital and Analog Wiring Systems on page 23 of publication 1492-TD008AEN-P. Then, use this breakdown for verification and explanation only.

1492 – ACABLE 010 A

a *b* *c*

a

Analog Interface Cables

b

Standard or Build-to-Order Length Cable		
Code	Description	
005	0.5 m (1.64 ft)	Standard
010	1.0 m (3.28 ft)	
025	2.5 m (8.20 ft)	
050	5.0 m (16.40 ft)	
001-020	0.1…2.0 m (0.328…6.56 ft) 0.1 m (0.328 ft increments)	Build-to-Order
020-100	2.0…10.0 m (6.56…32.8 ft) 0.5 m (1.64 ft) increments	
100-990	10.0…99.0 m (32.8…374.72 ft) 1.0 m (3.28 ft) increments	

c

A-Cable Type	
Code	Description
A, B, C, D, L, Q	Pre-wired cables for Bulletin 1746 analog and RTD I/O modules.
E, F, G, H, J	Pre-wired cables for Bulletin 1771 analog and RTD I/O modules.
TA, TB, TC, TD, UA, UB, UC, UD, VA, VB, WA, WB, X, Y, Z	Pre-wired cables for Bulletin 1756 analog, RTD, and thermocouple I/O modules.
YT	Pre-wired cable for Bulletin 1756 thermocouple I/O modules.
M	Pre-wired cables for Bulletin 1757 pulse input I/O modules

Pre-Wired Cable Cat. No. Explanation for Bulletin 1746 and 1769 Analog I/O Modules

Important: The following analog cable cat. no. breakdown is for explanation purposes only. It is not a product configurator. All combinations of fields are not valid product cat. nos. First, select the desired AIFM using the steps in Ordering Digital and Analog Wiring Systems on page 23 of publication 1492-TD008AEN-P. Then, use this breakdown for verification and explanation only.

1492 – ACAB 005 A46

a *b* *c*

a

Analog Interface Cables

b

Standard or Build-to-Order Length Cable		
Code	Description	
005	0.5 m (1.64 ft)	Standard
010	1.0 m (3.28 ft)	
025	2.5 m (8.20 ft)	
050	5.0 m (16.40 ft)	
001-020	0.1…2.0 m (0.328…6.56 ft) 0.1 m (0.328 ft increments)	Build-to-Order
020-100	2.0…10.0 m (6.56…32.8 ft) 0.5 m (1.64 ft) increments	
100-990	10.0…99.0 m (32.8…374.72 ft) 1.0 m (3.28 ft) increments	

c

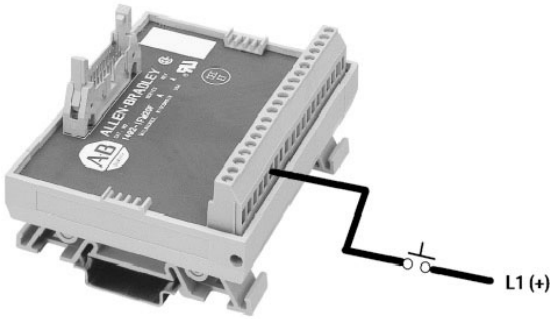
Cable Type	
Code	Description
A46	Pre-wired cables for Bulletin 1746-NI16I and -NI16V analog modules.
AA69, AB69, BA69, BB69, BC69, BD69	Pre-wired cables for Bulletin 1769 analog I/O modules.

Digital Interface Modules (IFMs)

Digital IFMs are available with either a 20- or 40-pin cable connector. This is determined by the number of connections required for the I/O module.

40-pin Connection Interface Module

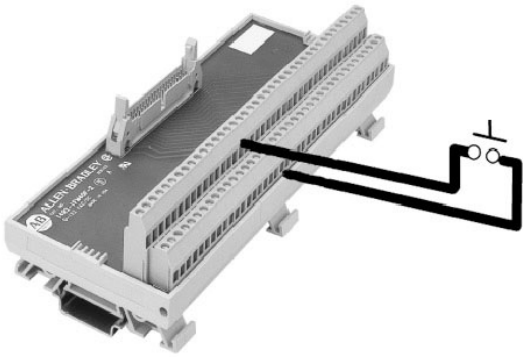
The number of terminals varies with the type of IFM — from one to four terminals per I/O point.
Standard terminal IFMs provide **one field-side** wiring terminal per programmable controller input or output point, as well as enough terminals for the I/O module power connections. The standard terminals are ideal for applications where the I/O device commons are terminated in the field or remotely from the I/O panel.



Standard Terminal Interface Module

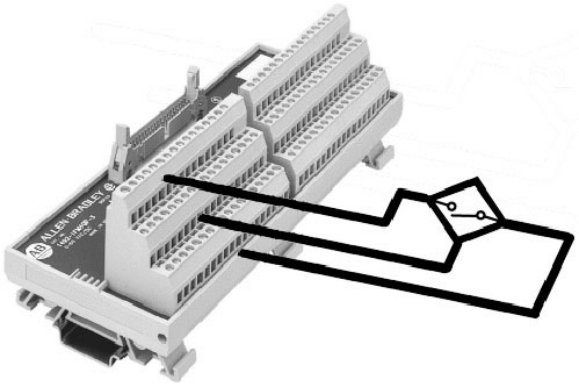
Extra terminal IFMs provide **two or four field-side** terminals per input or output point. Non-isolated IFMs have two terminals per input or output point. Isolated IFMs have two or four terminals per input or output.

Isolated IFMs have terminals isolated into 8 or 16 groups, which allows each group of I/O devices to reference a different power source. The extra terminal IFMs are beneficial in applications where the I/O devices are terminated within the same panel as the I/O modules — eliminating the need for many additional terminal blocks.



Extra Terminal Interface Module

Sensor IFMs provide three field-side terminals per input point. The middle and lower rows of the terminals are commoned together in groups of 18, and serve as power busses for 3-wire sensor types of devices — eliminating additional terminals, blocks, and jumpering systems.

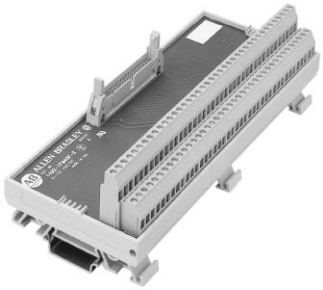


Three-Level Sensor Terminal Interface Module

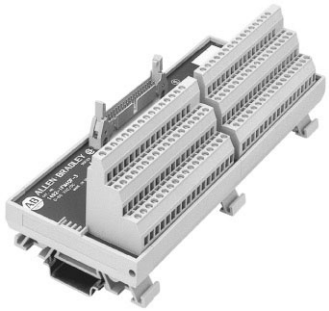
Feed-Through Digital Interface Modules

Feed-through IFMs provided the same capability as normal terminal blocks, but in a more condensed package.

Feed-through Standard Terminal Products
For 20-point
Cat. No. 1492-IFM20F, 1492-IFM20FN
For 40-point
Cat. No. 1492-IFM40F

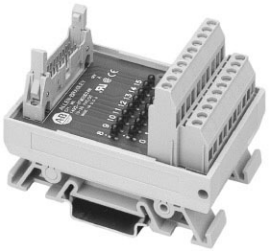


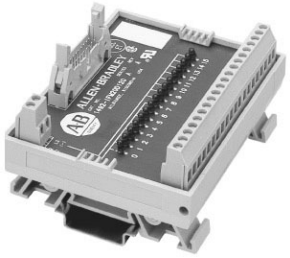
Feed-through Extra Terminal Products
For 20-point
Cat. No. 1492-IFM20F-2
For 40-point
Cat. No. 1492-IFM40F-2



Feed-through Sensor Terminal Products
For 20-point
Cat. No. 1492-IFM20F-3
For 40-point
Cat. No. 1492-IFM40F-3

Sensor Terminal IFM with 40-pin cable connector for 3-wire sensor devices
Cat. No. 1492-IFM40F-3
and Standard Terminal Narrow IFM with 20-pin cable connector
Cat. No.1492-IFM20FN



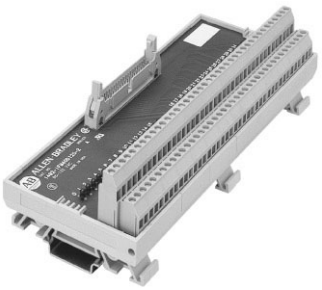


LED Indicating Standard Terminal Products
For 20-point
Cat. No. 1492-IFM20D24, 1492-IFM20D120, 1492-IFM20D120N
For 40-point
Cat. No. 1492-IFM40D24

20-pin cable connector ON-state LED Narrow module for 24V
Cat. No. 1492-IFM20D24N, 20-point LED module for 120V
Cat. No. 1492-IFM20D120, and 20-pin cable connector LED Isolated module for 24V
Cat. No. 1492-IFM20DS24-4

LED Indicating Extra Terminal Products
For 20-point
Cat. No. 1492-IFM20D24-2, 1492-IFM20D24A-2, 1492-IFM20D120-2, 1492-IFM20D120A-2, 1492-IFM20D240-2, 1492-IFM20D240A-2
For 40-point
Cat. No. 1492-IFM40D24-2, 1492-IFM40D24A-2, 1492-IFM40D120-2, 1492-IFM40D120A-2

LED Indicating Sensor Terminal Products
For 20-point
Cat. No. 1492-IFM20D24-3
For 40-point
Cat. No. 1492-IFM40D24-3



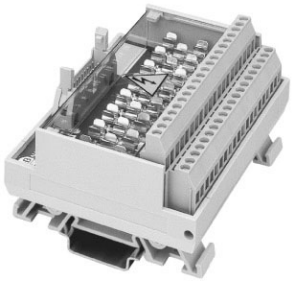
LED Indicating 4 Terminal Products
For 20-point
Cat. No. 1492-IFM20DS24-4, 1492-IFM20DS120-4
For 40-point
Cat. No. 1492-IFM40DS24-4, 1492-IFM40DS24A-4, 1492-IFM40DS120-4, 1492-IFM40DS120A-4, 1492-IFM40DS240-4

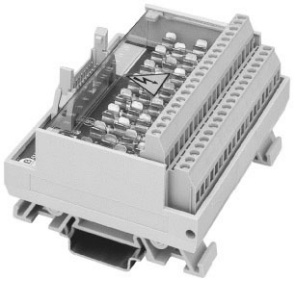
LED-Indicating Digital Interface Modules

Voltage-indicating LEDs are available on standard, extra terminal, and sensor IFMs. The LEDs provide field-side troubleshooting diagnostics: the on/off status of an input device or the on/off status of the programmable controller output circuit. When used in conjunction with the logic-side programmable controller LEDs, the IFM LEDs can help determine whether a problem resides in the I/O module or in the field device/wiring. LED IFMs are available in both Isolated (Cat. No. 1492-IFM20DS24-4) and non-Isolated (Cat. No. 1492-IFM20D120) versions for 24V, 120V, and 240V applications.

Fusible Digital IFMs

Fusible modules provide a convenient method of adding overcurrent protections into your programmable controller wiring. These modules have 5 x 20 fuse holders on-board and are available with and without blown fuse indication. The 24V, 120V, and 240V blown fuse indicators reduce the troubleshooting time to locate and replace a blown fuse on the IFM. Fusible modules have an easy-to-remove, transparent Plexiglass cover that prevents objects from contacting fuse circuitry under normal operation. Removal of fuses from the standard fuse holder is aided by fuse pullers (fuses not provided). The fusible modules also have two or four terminals per I/O point to create a power bus for input and output load connections. Fusible modules are available in both isolated (Cat. No. 1492-IFM20F-FS24-2) and nonisolated (Cat. No.1492-IFM20F-F24-2) versions. There are a select number of fusible IFMs available for input modules.





Fused Extra Terminal Products
For 20-point
Cat. No. 1492-IFM20F-F-2,1492-IFM20F-F24-2, 1492-IFM20F-F24A-2, 1492-IFM20F-F120-2, 1492-IFM20F-F120A-2, 1492-IFM20F-F240-2, 1492-IFM20FS-F -2, 1492-IFM20FS-F24-2, 1492-IFM20FS-F24A-2
For 40-point
Cat. No. 1492-IFM40F-F-2, 1492-IFM40F-F24-2, 1492-IFM40F-F120-2, 1492-IFM40FS-F-2, 1492-IFM20FS-F24-2, 1492-IFM20FS-F120-2, 1492-IFM20FS-F24-4, 1492-IFM20FS-F24A-4, 1492-IFM20FS-F120-4 1492-IFM20FS-F120A-4, 1492-IFM40FS-F240-4

Fused 4 Terminal Products
For 20-point
Cat. No. 1492-IFM20FS-F120-4, 1492-IFM20FS-F120A-4, 1492-IFM20FS-F240-4
For 40-point
Cat. No. 1492-IFM20FS-F24-4, 1492-IFM20FS-F24A-4, 1492-IFM20FS-F120-4,
1492-IFM20FS-F120A-4, 1492-IFM40FS-F240-4

40-pin cable connector Isolated Fusible module (no fuse blown indication)
Cat. No. 1492-IFM40F-FS-2
and 40-pin cable connector Isolated Fusible module
with 24V blown fuse indication
Cat. No. 1492-IFM40F-FS24A-2

Relay Master

Relay Masters Products
For 20-point
Cat. No. 1492-XIM2024-8R, 1492-XIM2024-16R, 1492-XIM20120-8R, 1492-XIM20120-16R
For 40-point
Cat. No. 1492-XIM4024-16R

Relay Master with Fusing

Relay Expanders

Relay Expander (8)

Relay Expander Products
Cat. No. 1492-XIM24-8R,1492-XIM24-16RF,1492-XIM120-8R

Relay Expander (16) with Fusing

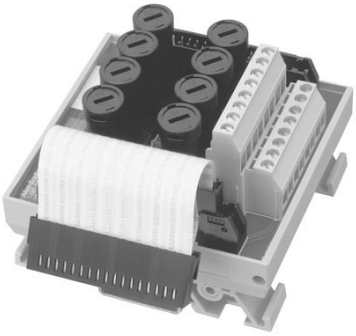
Relay Masters with Fuse Holders Products
For 20-point
Cat. No. 1492-XIM2024-16RF, 1492-XIM20120-16RF
For 40-point
Cat. No. 1492-XIM4024-16R

Relay expander XIMs feature field-replaceable relays with 120V or 24V rated coils. The field-side Form C contacts are rated 240V 10 A (de-rated to 12 A per adjacent pair on the XIM). The Form C relay output provides isolated output channels and a different voltage level from one output channel to the next. Other features include coil-side LED indicating the output module status, and transient suppression on each coil. In addition, a relay expander can have 5x20 fuse holders so customers can fuse the output contacts. An expander cable is provided for connection to the mating module.

Relay and Expandable Digital Interface Modules, Continued

Fusible Expanders

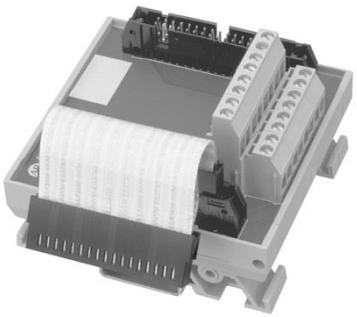
The fusible expander modules feature eight 5 x 20 finger safe fuse holders, blown fuse indicators and extra terminals for landing two wires per field-side device. They are offered with eight fuse holders for both 24V and 120V applications. An expander cable is provided for connection to its mating module.



Fused Expander Products
Cat. No. 1492-XIMF24-2, 1492-XIMF-120-2

Feed-Through Expanders

The feed-through expander modules feature eight channels with extra terminals for landing two wires per field-side device. An expander cable is provided for connection to its mating module.



Feedthrough Expander Products
Cat. No. 1492-XIMF-2

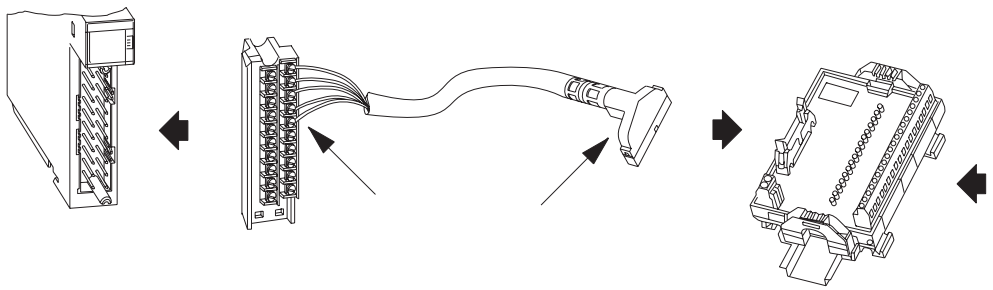
Terms for Relay Master/Expander IFMs

Relay Master/Expander XIMs Cat. No. Explanation for Digital I/O Modules

Relay master and expander XIMs are available for Bulletin 1746, 1756, 1769, and 1771 digital output modules.
Relay Master XIM — Provides 8 or 16 relay outputs for a digital output module. There are 16 relays with fusing.
Expander XIM — In addition to the relay master XIM, an expander XIM provides eight additional outputs. There are three types of expander XIMs: eight-channel relays, eight-channel fusing, and eight-channel feed-through XIMs, sixteen channel relays, sixteen channel relays with fusing.

Digital Pre-Wired Cables

1492-Pre-Wired Cables are designed to minimize control wiring in a panel. Pre-Wired cables, when used with an IFM, replace the point-to-point wiring between Allen-Bradley programmable controller I/O modules and individual terminal blocks. The pre-wired cables have a Removable Terminal Block or Wiring Arm at the PLC end of the cable and a cable connector on the other end to connect to the IFM. All of the pre-wired cables use a #22 AWG wire and are 100% tested for continuity to make a perfect connection every time. The digital pre-wired cables are offered in four standard lengths of 0.5, 1.0, 2.5, and 5.0 m to fit a variety of applications. Other length cables are also available as build to order products. Pre-wired cables are available for many of the 1746 SLC I/O, 1756 ControlLogix I/O, 1769 Compact I/O for MicroLogix 1500, and 1771 PLC-5 I/O.

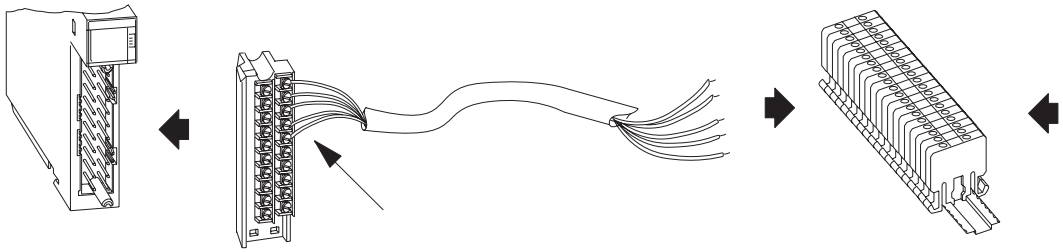


Pre-wired Cable and Interface Module

Ready-to-Wire Digital Cables

Digital I/O Ready Cable

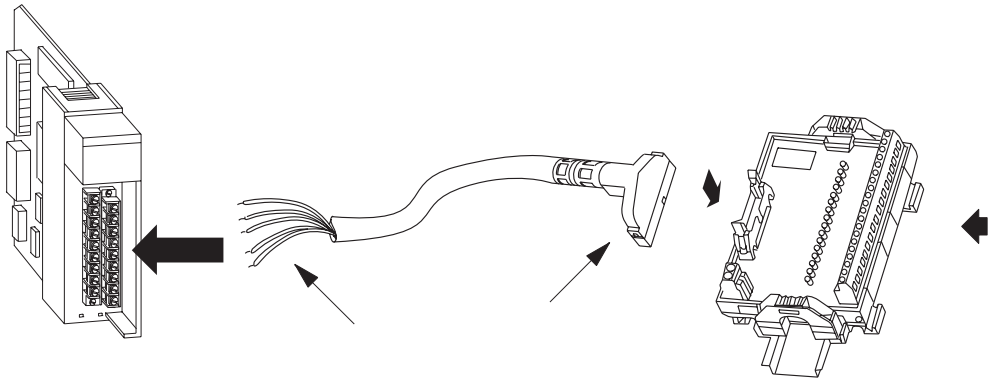
I/O-Ready Cables have a I/O Removable Terminal Block or Wiring Arm factory-wired to one end to of the cable and free connectors on the other end for wiring into standard terminal blocks or other type of connectors. I/O-Ready Cables have individual color-coded conductors for quick wire-to-terminal coordination. The I/O-Ready cables use #18 AWG conductors for higher current applications or longer cable runs. The I/O-Ready cables are offered in standard lengths of 1.0, 2.5, and 5.0 m to fit a variety of applications. Other cable lengths are also available as build-to-order products. Pre-wired cables are available for the Bulletin 1746 SLC I/O, Bulletin 1756 ControlLogix I/O, Bulletin 1769 Compact I/O for MicroLogix 1500, and Bulletin1771 PLC-5 I/O.



I/O-Ready Cable and Standard Terminal Blocks

IFM-Ready Cable

IFM-Ready Cables have a cable connector that attached to the IFM factorywired to one end and free connectors ready to wire to I/O modules or other components on the other end. IFM-Ready Cables use #22 AWG wire and have individual color-coded conductors for quick wire-to-terminal coordination. The digital IFM-Ready Cables are offered in standard lengths of 1.0, 2.5, and 5.0 m to fit a variety of applications. Other cable lengths are also available as build-to-order products.



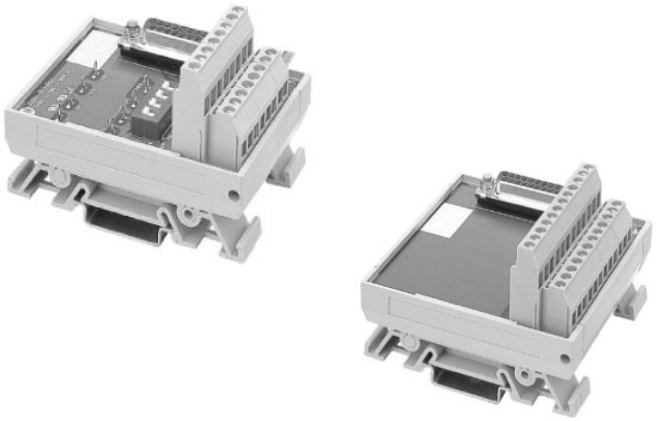
IFM-Ready Cable and Interface Module

Analog Interface Modules (IFMs)

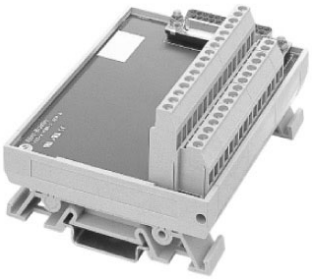
Analog IFMs are available with either 15- or 25-pin D-Shell connections. This is determined by the number of connections that are required by the I/O module.

Feed-Through Analog Interface Modules

Feed-through IFMs provide the same capability as normal terminal blocks but in a more condensed package. Standard terminal IFMs provide **three field-side** wiring terminals per programmable controller analog input or output point, which includes enough terminals for the device shield and power connections.



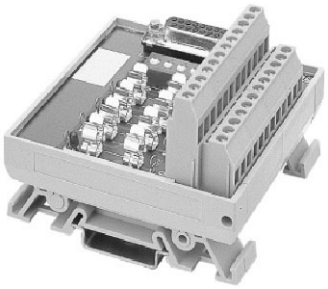
Standard Terminal 4-channel IFM with 15 connections
Cat. No. 1492-AIFM4-3
and Isolated Standard Terminal 6-channel IFM with 25 connections
Cat. No. 1492-AIFM6S-3, 1492-AIFM8-3



Standard Terminal 8-channel IFM
with 25 connections for 3-wire sensor devices
Cat. No. 1492-AIFM8-3

Fusible Analog Interface Modules

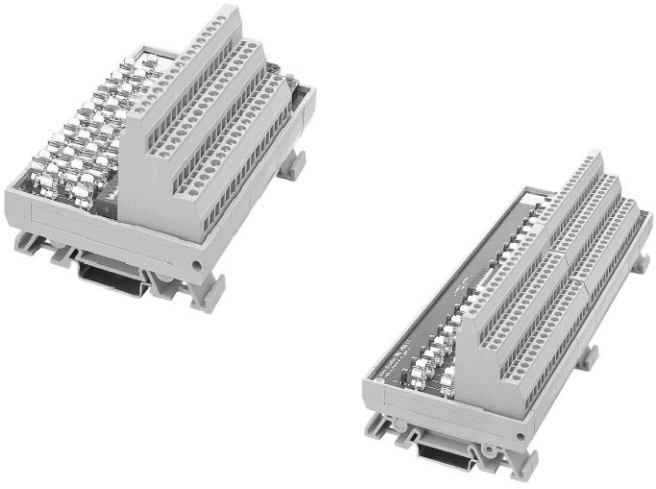
Fusible analog interface input modules provide a convenient method to fuse the input power source on the field-side. The field-side power source is distributed through individual on-board 5 x 20 fuse holders. The AIFMs have a 24V DC blown fuse indicators to reduce the troubleshooting time required to locate and replace a blown fuse. Fusible modules have an easy-to-remove transparent Plexiglass cover to prevent objects from contacting fuse circuitry under normal operation. Standard fuse holders reside in the IFM, aiding in the removal of a fuse with a fuse puller (fuses are not included). Isolation switch plugs, or “dummy fuses”, are also available to isolate an input circuit once power is removed. In addition, once the circuit has been isolated and power restored, the input loop current can be measured in 2-wire transmitter applications. The fusible modules also have three or five terminals per I/O analog input point to create a power bus for device shield and power connections.
Analog fusible modules have an on-board DIP switch to easily connect unused inputs to the module common — reducing wiring on the field side. You no longer need extra jumper wires to properly terminate unused inputs as is recommended in Bulletins 1746, 1756, 1769, and 1771 I/O. Inputs are jumped via a DIP switch on a per channel basis.



Analog Fused Products
Cat. No. 1492-AIFM4C-F-5, 1492-AIFM4F-F-5, 1492-AIFM8-F-5,
1492-AIFM16-F-3, 1492-AIFM16-F-5, 1492-AIFMP1, 1492-AIFMQS

Fused 4-channel module with 24V blown fuse indication,
test points and 5 terminals per input
Cat. No. 1492-AIFM4I-F-5
and 8-channel input module with 24V blown fuse
indication and 5 terminals per input
Cat. No. 1492-AIFM8-F-5

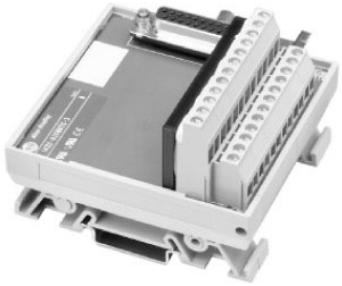
Fusible Analog Interface Modules, Continued



Fused 16-channel module with 24V blown fuse indication, test points and 3 terminals per input
Cat. No. 1492-AIFM16-F-3
and 16-channel input module with 24V blown fuse indication and 5 terminals per input
Cat. No. 1492-AIFM16-F-5

Thermocouple Analog Interface Modules

The Cat. No.1492-AIFM6TC-3 Thermocouple IFM for the Cat. No. 1756-IT6I ControlLogix I/O module provides on-board cold junction compensation to allow thermocouples to be connected remotely while still correcting for temperature at the termination point. The combination thermistor and isothermal bar acquire temperature data at the AIFM for the thermocouple to adjust the input value.



Thermocouple 6-channel module with isothermal bar and 3 terminals per output
Cat. No. 1492-AIFM6-TC-3

Analog Pre-wired Cables

Bulletin 1492 Pre-wired Cables are designed to minimize control wiring in a panel. Pre-wired cables, when used with an Analog IFM, replace the pointto- point wiring between Allen-Bradley programmable controller I/O modules and individual terminal blocks. The pre-wired cables have a removable terminal block or wiring arm from the PLC on one end of the cable and a D-Shell connector with a slide-locking mechanism on the other to connect to the IFM. Most pre-wired cables use twisted pairs and all have shield to aid noise immunity of the low-level analog signals. Most cables have a prepared drain wire with a ring lug at the I/O module end of the cable for convenient grounding of the cable shield to the chassis. They are 100% tested for continuity to make a perfect connection every time. The analog pre-wired cables are offered in four standard lengths of 0.5, 1.0, 2.5, and 5.0 m to fit a variety of applications. Other length cables are also available as build-to-order products. Pre-wired analog cables are available for many of the Bulletin 1746 SLC I/O, Bulletin 1756 ControlLogix I/O, Bulletin 1769 Compact I/O for MicroLogix 1500, and Bulletin 1771 PLC-5 I/O modules.

Digital IFM Options and Features

Relay and Expandable Modules

Relay and Expandable Interface Modules (XIM) were developed to maximize the effectiveness of users' applications that require output contact ratings greater than 2 A. Driving large loads up to 10 A for applications such as motor starters is now possible with Bulletin 1492 Wiring Systems. In addition, the Relay Modules provide a means to isolate output points.
The Relay and Expandable product line consists of a Relay Master module and Expander Module(s) with expander cable. The Relay Master modules provide the connection for the 20- or 40-pin cable connectors for the pre-wired cable. There are five types of expander XIMs: eight-channel relay, sixteen-channel relay, eight-channel fused, sixteen-channel relay with fusing, and eight-channel feed-through.
Expander Module capabilities are offered in eight-channel and sixteen-channel increments. After using 8 or 16 channels of I/O for relays (master relay module), design engineers can use expander modules for the other I/O point needs. The flexibility means that they work with relays, fuses, and feed-through modules. In addition, the expander modules can be added when system expansion is required.

Use of Selection Tables

- Locate I/O Module required. The top row indicates the I/O module for the I/O Platform
- Locate the Interface Module required. The third column indicates the Interface Module Catalog number
- Determine if Interface Module exists for the I/O module. Indicated by “Letter Code” in row (Interface Catalog Number) and the column (I/O Module)
- Locate Cable. This is the letter indicated by “Letter Code” in the row (Interface Catalog Number) and the column (I/O Module). The “Letter Code” represents the suffix of the Pre-Wired Cable
- Determine Cable Catalog Number. Add 1492-CABLE_ _ _”Letter Code”, example 1492-CABLE_ _ _A
- Determine length of cable required, Standard Lengths are 0.5 m, 1.0 m, 2.5 m and 5.0 m; which represents 005, 010, 025 and 050 for _ _ _ in the cable catalog number. Example 1492-CABLE010A = a 1.0 m cable with “Letter Code” A

Bulletin 1746 SLC 500 IFMs and Cables

Bulletin 1746 Digital 16-Point and 8-Point Isolated I/O Modules

Type of IFM	Description of 20-Terminal IFM	IFM Cat. No.	I/O Module Cat. No. 1746-...																		
			IA16	IB16	IC16	IG16	IH16	IM16	IN16	ITB16	ITV16	IV16	OA16	OB16	OB16E	OBP16	OG16	OV16	OVP16	OW16	OX8
Feed-through	Standard	1492-IFM20F	A	B	B	E	B	A	B	B	B	B	C	E	E	E	E	E	E	D	D
	Narrow standard	1492-IFM20FN	A	B	B	E	B	—	B	B	B	B	G	E	E	E	E	E	E	N	N
	Extra terminals	1492-IFM20F-2	A	B	B	E	B	A	B	B	B	B	C	E	E	E	E	E	E	D	—
	3-wire sensor type input devices	1492-IFM20F-3	A	B	B	E	B	—	B	B	B	B	—	—	—	—	—	—	—	—	—
LED Indicating	Standard with 24V AC/DC LEDs	1492-IFM20D24	—	B	—	—	—	—	B	B	B	B	—	E	E	E	—	E	E	D	—
	Narrow standard with 24V AC/DC LEDs	1492-IFM20D24N	—	B	—	—	—	—	B	B	B	B	—	E	E	E	—	—	—	N	—
	Standard with 120V AC/DC LEDs	1492-IFM20D120	A	—	—	—	B	—	—	—	—	—	†	—	—	—	—	—	—	D	—
	Narrow standard with 120V AC LEDs	1492-IFM20D120N	A	—	—	—	—	—	—	—	—	—	G	—	—	—	—	—	—	N	—
	24V AC/DC LEDs and extra terminals for outputs	1492-IFM20D24-2	—	—	—	—	—	—	—	—	—	—	—	E	E	E	—	E	E	D	—
	24V AC/DC LEDs and extra terminals for inputs	1492-IFM20D24A-2	—	B	—	—	—	—	B	B	B	B	—	—	—	—	—	—	—	—	—
	120V AC LEDs and extra terminals for outputs	1492-IFM20D120-2	—	—	—	—	—	—	—	—	—	—	C	—	—	—	—	—	—	D	—
	120V AC LEDs and extra terminals for inputs	1492-IFM20D120A-2	A	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	3-wire sensor with 24V AC/DC LEDs	1492-IFM20D24-3	—	B	—	—	—	—	B	B	B	B	—	—	—	—	—	—	—	—	—
	Isolated with 24/48V AC/DC LEDs and 4 terminals/output	1492-IFM20DS24-4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	S
	Isolated with 120V AC LEDs and 4 terminals/output	1492-IFM20DS120-4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	S
	240V AC LEDs and extra terminals for outputs	1492-IFM20D240-2	—	—	—	—	—	—	—	—	—	—	C	—	—	—	—	—	—	D	—
	240V AC LEDs and extra terminals for inputs	1492-IFM20D240A-2	—	—	—	—	—	A	—	—	—	—	—	—	—	—	—	—	—	—	—
Fusible	Extra terminals for outputs	1492-IFM20F-F-2	—	—	—	—	—	—	—	—	—	—	C	E	E	E	—	E	E	D	—
	Extra terminals with 24V AC/DC blown fuse indicators	1492-IFM20F-F24-2	—	—	—	—	—	—	—	—	—	—	—	E	E	E	—	E	E	D	—
	Extra terminals with 120V AC blown fuse indicators	1492-IFM20F-F120-2	—	—	—	—	—	—	—	—	—	—	C	—	—	—	—	—	—	D	—
	Extra terminals with 240V AC blown fuse indicators	1492-IFM20F-F240-2	—	—	—	—	—	—	—	—	—	—	C	—	—	—	—	—	—	D	—
	Extra terminals with 24V AC/DC blown fuse indicators	1492-IFM20F-F24A-2	—	B	—	—	—	—	B	B	—	—	—	—	—	—	—	E	E	—	—
	Extra terminals with 120V AC blown fuse indicators	1492-IFM20F-F120A-2	A	—	—	—	B	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Isolated with extra terminals for outputs	1492-IFM20F-FS-2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	S
	Isolated with extra terminals and 24V AC/DC blown fuse indicators	1492-IFM20F-FS24-2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	S
	Isolated with 4 terminals/input and 24V AC/DC blown fuse indicators	1492-IFM20F-FS24A-4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Isolated with extra terminals and 120V AC/DC blown fuse indicators	1492-IFM20F-FS120-2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	S
	Isolated with 4 terminals/output and 120V AC/DC blown fuse indicators	1492-IFM20F-FS120-4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	S
	Isolated with 4 terminals/input and 120V AC/DC blown fuse indicators	1492-IFM20F-FS120A-4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Isolated with 4 terminals/output and 240V AC/DC blown fuse indicators	1492-IFM20F-FS240-4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	S
Relay Master	20-pin master with eight (8) 24V DC relays	1492-XIM2024-8R	—	—	—	—	—	—	—	—	—	—	—	E	E	E	—	—	—	—	—
	20-pin master with eight (8) 120V AC relays	1492-XIM20120-8R	—	—	—	—	—	—	—	—	—	—	CR	—	—	—	—	—	—	—	—
Relay Expander	Expander with eight (8) 24V DC relays	1492-XIM24-8R	—	—	—	—	—	—	—	—	—	—	—	*	*	*	—	—	—	—	—
	Expander with eight (8) 120V AC relays	1492-XIM120-8R	—	—	—	—	—	—	—	—	—	—	*	—	—	—	—	—	—	—	—
Fusible Expander	8-channel expander with 24V DC blown fuse indicators	1492-XIMF-F24-2	—	—	—	—	—	—	—	—	—	—	—	*	*	*	—	—	—	—	—
	8-channel expander with 120V AC blown fuse indicators	1492-XIMF-F120-2	—	—	—	—	—	—	—	—	—	—	*	—	—	—	—	—	—	—	—
Feed-through Expander	Expander with eight (8) feed-through channels	1492-XIMF-2	—	—	—	—	—	—	—	—	—	—	*	—	—	—	—	—	—	—	—
Relay Master	20-pin master with sixteen (16) 24V DC relays	1492-XIM2024-16R	—	—	—	—	—	—	—	—	—	—	—	E	E	E	—	—	—	—	—
	20-pin master with sixteen (16) 24V DC relays with fusing	1492-XIM2024-16RF	—	—	—	—	—	—	—	—	—	—	—	E	E	E	—	—	—	—	—
	20-pin master with sixteen (16) 120V AC relays	1492-XIM20120-16R	—	—	—	—	—	—	—	—	—	—	CR	—	—	—	—	—	—	—	—
	20-pin master with sixteen (16) 120V AC relays with fusing	1492-XIM20120-16RF	—	—	—	—	—	—	—	—	—	—	CR	—	—	—	—	—	—	—	—

* One expander is connected to a master to provide a total of 16 outputs. An extender cable is included with each expander to attach it to the master.
† For applications with offside leakage current of >0.5 ma. Use 1492-IFM20D120N instead of 1492-IFM20D120A-2 or 1492-IFM20D120-2.

Bulletin 1746 SLC 500 IFMs and Cables, Continued

Bulletin 1746 Digital 32-Point I/O Modules

Type of IFM	Description of 40-Terminal IFM	IFM Cat. No.	I/O Module Cat. No. 1746-...				
			IB32	IV32	OB32	OB32E	OV32
Feed-through	Standard	1492-IFM40F	H	H	H	H	H
	Extra terminals	1492-IFM40F-2	H	H	H	H	H
	3-wire sensor type input devices	1492-IFM40F-3	H	H	—	—	—
LED Indicating	Standard with 24V AC/DC LEDs	1492-IFM40D24	H	H	H	H	H
	24V AC/DC LEDs and extra terminals for outputs	1492-IFM40D24-2	—	—	H	H	H
	24V AC/DC LEDs and extra terminals for inputs	1492-IFM40D24A-2	H	H	—	—	—
	120V AC LEDs and extra terminals for outputs	1492-IFM40D120-2	—	—	—	—	—
	120V AC LEDs and extra terminals for inputs	1492-IFM40D120A-2	—	—	—	—	—
	3-wire sensor with 24V AC/DC LEDs	1492-IFM40D24-3	H	H	—	—	—
	Isolated with 24/48V AC/DC LEDs and four terminals/output	1492-IFM40DS24-4	—	—	—	—	—
	Isolated with 24V AC/DC LEDs and four terminals/input	1492-IFM40DS24A-4	—	—	—	—	—
	Isolated with 120V AC LEDs and four terminals/output	1492-IFM40DS120-4	—	—	—	—	—
	Isolated with 120V AC LEDs and four terminals/input	1492-IFM40DS120A-4	—	—	—	—	—
	Isolated with 240V AC LEDs and four terminals/input	1492-IFM40DS240A-4	—	—	—	—	—
Fusible	Extra terminals for outputs	1492-IFM40F-F-2	—	—	H	H	H
	Extra terminals with 24V AC/DC blown fuse indicators	1492-IFM40F-F24-2	—	—	H	H	H
	Extra terminals with 120V AC blown fuse indicators	1492-IFM40F-F120-2	—	—	—	—	—
	Isolated with extra terminals for outputs	1492-IFM40F-FS-2	—	—	—	—	—
	Isolated with extra terminals and 24V AC/DC blown fuse indicators	1492-IFM40F-FS24-2	—	—	—	—	—
	Isolated with 24V AC/DC blown fuse indicators and four terminals/output	1492-IFM40F-FS24-4	—	—	—	—	—
	Isolated with extra terminals and 120V AC/DC blown fuse indicators	1492-IFM40F-FS120-2	—	—	—	—	—
	Isolated with 120V AC/DC blown fuse indicators and four terminals/output	1492-IFM40F-FS120-4	—	—	—	—	—
	Isolated with 240V AC/DC blown fuse indicators and four terminals/output	1492-IFM40F-FS240-4	—	—	—	—	—
	Isolated with 24V AC/DC blown fuse indicators and four terminals/input	1492-IFM40F-FS24A-4	—	—	—	—	—
	Isolated with 120V AC/DC blown fuse indicators and four terminals/input	1492-IFM40F-FS120A-4	—	—	—	—	—
Relay Master	40-pin master with eight (8) 24V DC relays	1492-XIM4024-8R	—	—	H	H	—
	40-pin master with sixteen (16) 24V DC relays	1492-XIM4024-16R	—	—	H	H	—
Relay Expander	Expander with eight (8) 24V DC relays	1492-XIM24-8R	—	—	*	*	—
	Expander with eight (8) 120V AC relays	1492-XIM120-8R	—	—	—	—	—
Fusible Expander	8-channel expander with 24V DC blown fuse indicators	1492-XIMF-F24-2	—	—	*	*	—
	8-channel expander with 120V AC blown fuse indicators	1492-XIMF-F120-2	—	—	—	—	—
Feed-through Expander	Expander with eight (8) feed-through channels	1492-XIMF-2	—	—	*	*	—
Relay Master	40-pin master with sixteen (16) 24V DC relays with fusing	1492-XIM4024-16RF	—	—	H	H	—
Relay Expander	Relay Expander, 24V DC, 16 Relays with fusing	1492-XIM24-16RF	—	—	†	†	—

* Two or three expanders can be connected to a master to provide a total of 32 outputs. An extender cable is included with each expander to connect it to the master.
† Can have one expandable module per master.

Bulletin 1746 SLC 500 IFMs and Cables, Continued

These **pre-wired cables** have a pre-wired removable terminal block (RTB) on one end to connect to the front of a Bulletin 1746 digital I/O module and a connector on the other end to plug into a 20- or 40-terminal IFM/XIM. You must first select the IFM/XIM from one of the preceding selection tables.

Pre-Wired Cables for Bulletin 1746 Digital I/O Modules

Cable Cat. No.	Standard Cable Lengths	Build-to-Order Available	No. of Conductors	Mating I/O Module Cat. No.
1492-CABLE∗A	0.5, 1.0, 2.5, 5.0 m	Yes	20	1746-IA16, -IM16
1492-CABLE∗B	0.5, 1.0, 2.5, 5.0 m	Yes	20	1746-IB16, -IH16, -IN16, -ITB16, -ITV16
1492-CABLE∗C	0.5, 1.0, 2.5, 5.0 m	Yes	20	1746-OA16
1492-CABLE∗CR	0.5, 1.0, 2.5, 5.0 m	Yes	20	1746-OA16
1492-CABLE∗D	0.5, 1.0, 2.5, 5.0 m	Yes	20	1746-OW16, -OX8
1492-CABLE∗E	0.5, 1.0, 2.5, 5.0 m	Yes	20	1746-IG16, -OB16, -OB16E, -OBP16, -OG16, -OV16, -OVP16
1492-CABLE∗G	0.5, 1.0, 2.5, 5.0 m	Yes	20	1746-OA16
1492-CABLE∗H	0.5, 1.0, 2.5, 5.0 m	Yes	40	1746-IB32, -IV32, -OB32, -OB32E, -OV32
1492-CABLE∗N	0.5, 1.0, 2.5, 5.0 m	Yes	20	1746-OW16, -OX8
1492-CABLE∗S	0.5, 1.0, 2.5, 5.0 m	Yes	20	1746-OX8

∗ Cables are available in standard lengths of 0.5 m, 1.0 m, 2.5 m, and 5.0 m. To order, insert the code for the desired cable length into the cat. no. (005 = 0.5 m, 010 = 1.0 m, 025 = 2.5 m, and 050 = 5.0 m). Example: **Cat. No. 1492-CABLE005N** is for a 0.5 m cable that could be used to connect a Cat. No. 1492-IFM20D24N IFM to a Cat. No. 1746-OW16 I/O module. Build-to-order lengths are also available.

The **I/O module-ready cables** have a pre-wired RTB on one end to plug onto the front of a Bulletin 1746 I/O module and 20 or 40 individually colored #18 AWG conductors on the other end. These cables provide the convenience of pre-wired connections at the I/O module end, while still allowing the flexibility to fieldwire to standard terminal blocks of your choice.

I/O Module-Ready Cables for Bulletin 1746 Digital I/O Modules

Cable Cat. No.	Standard Cable Lengths	Build-to-Order Available	No. of Conductors	Mating I/O Module Cat. No.
1492-CABLE†N3	1.0, 2.5, 5.0 m	Yes	40	1746-IB32, -IV32, -OB32, -OV32, -OB32E
1492-CABLE†RTBB	1.0, 2.5, 5.0 m	Yes	20	1746-IB16, -IC16, -IG16, -IH16, -IN16, -ITB16, -ITV16, -IV16, -OB16, -OB16E, -OBP8, -OBP16, -OG16, -OV16, -OVP16
1492-CABLE†RTBO	1.0, 2.5, 5.0 m	Yes	20	1746-OW16, -OX8
1492-CABLE†RTBR	1.0, 2.5, 5.0 m	Yes	20	1746-IA16, -OA16, -OAP12, -IM16

† Cables are available in standard lengths of 1.0 m, 2.5 m, and 5.0 m. To order, insert the code for the desired cable length into the cat. no. (010 = 1.0 m, 025 = 2.5 m, and 050 = 5.0 m). Example: **Cat. No. 1492-CABLE050RTBR** is for a 5.0 m cable with a pre-wired Cat. No. 1746-RT25R RTB on one end.

Note: The following I/O Modules do not have RTBs: 1746-IA4, 1746-IA8, 1746-IB8, 1746-IM4, 1746-IM8, 1746-IV8, 1746-OA8, 1746-OB8.

Bulletin 1746 SLC 500 AIFMs and Cables

Bulletin 1746 Analog I/O Modules

Type of AIFM	Description of AIFM	AIFM Cat. No.	I/O Module Cat. No. 1746-…											
			FIO4I	FIO4V	NI4	NI8	NIO4I	NIO4V	NO4I	NO4V	NR4	QS	NI16I	NI16V
Feed-through	4-channel with 3 terminals/channel	1492-AIFM4-3	L	L	A	—	L	L	B	B	—	—	—	—
	6-channel isolated with 3…4 terminals/channel	1492-AIFM6S-3	—	—	—	—	—	—	—	—	D	—	—	—
	8-channel with 3 terminals/channel	1492-AIFM8-3	—	—	—	C	—	—	—	—	—	—	A46	A46
Thermocouple	6-channel with 3 terminals/channel	1492-AIFM6TC-3	—	—	—	—	—	—	—	—	—	—	—	—
Fusible	2-channel with 24V blown fuse indicators, test points, 5 terminals/input, 3 terminals/output	1492-AIFM4C-F-5	L	L	—	—	L	L	—	—	—	—	—	—
	4-channel with 24V blown fuse indicators, test points, 5 terminals/input	1492-AIFM4I-F-5	—	—	A	—	—	—	—	—	—	—	—	—
	8-channel with 24V blown fuse indicators, 5 terminals/channel	1492-AIFM8-F-5	—	—	—	C	—	—	—	—	—	—	—	—
	16-channel with 24V blown fuse indicators, 3 terminals/channel	1492-AIFM16-F-3	—	—	—	—	—	—	—	—	—	—	A46	A46
	16-channel with 24V blown fuse indicators, 5 terminals/channel	1492-AIFM16-F-5	—	—	—	—	—	—	—	—	—	—	—	—
	4-input/4-output channel with 8 fuses and 24V blown fuse indicators	1492-AIFMQS	—	—	—	—	—	—	—	—	—	Q	—	—

These **pre-wired cables** have a pre-wired RTB on one end to connect to the front of a Bulletin 1746 analog I/O module and a connector on the other end to plug into a 20- or 40-terminal IFM. To use this table, you must first have selected an IFM from the preceding table.

Pre-Wired Cables for Bulletin 1746 Analog I/O Modules

Cable Cat. No.	Standard Cable Lengths (m)	Build-to-Order Available	AIFM Connector	Mating I/O Module Cat. No.
1492-ACABLE∗A	0.5, 1.0, 2.5, 5.0 m	Yes	15-pin D-shell	1746-NI4
1492-ACABLE∗B	0.5, 1.0, 2.5, 5.0 m	Yes	15-pin D-shell	1746-NO4I, -NO4V
1492-ACABLE∗C	0.5, 1.0, 2.5, 5.0 m	Yes	25-pin D-shell	1746-NI8
1492-ACABLE∗D	0.5, 1.0, 2.5, 5.0 m	Yes	25-pin D-shell	1746-NR4
1492-ACABLE∗L	0.5, 1.0, 2.5, 5.0 m	Yes	15-pin D-shell	1746-NIO4I, -NIO4V, -FIOVI, -FIO4V
1492-ACABLE∗Q	0.5, 1.0, 2.5, 5.0 m	Yes	25-pin D-shell	1746-QS
1492-ACAB∗A46	0.5, 1.0, 2.5, 5.0 m	Yes	25-pin D-shell	1746-NI16I, -NI16V

∗ To order, insert the code for the desired cable length into the cat. no. (005 = 0.5 m, 010 = 1.0 m, 025 = 2.5 m, and 050 = 5.0 m). Example: Cat. No. 1492-ACABLE005A is for a 0.5 m cable that could be used to connect a Cat. No. 1746-AIFM4I-F-5 IFM to a Cat. No. 1746-NI4 I/O module.

Bulletin 1756 ControlLogix IFMs and Cables

Bulletin 1756 Digital 8-Point and 16-Point I/O Modules

Type of IFM	Description of 20-Terminal IFM	IFM Cat. No.	I/O Module Cat. No. 1756-...													
			IA8D	IA16	IB16	IC16	IN16	OA8	OA8D	OA8E	OA16	OB8	OB16E	OC8	ON8
Feed-through	Standard	1492-IFM20F	U	X	X	X	X	U	U	U	X	U	X	U	U
	Narrow standard	1492-IFM20FN	U	X	X	X	X	U	U	U	X	U	X	U	U
	Extra terminals	1492-IFM20F-2	U	X	X	X	X	U	U	U	X	U	X	U	U
	3-wire sensor type input devices	1492-IFM20F-3	—	X	X	X	X	—	—	—	—	—	—	—	—
LED Indicating	Standard with 24V AC/DC LEDs	1492-IFM20D24	—	—	X	—	X	—	—	—	—	—	X	—	—
	Narrow standard with 24V AC/DC LEDs	1492-IFM20D24N	—	—	X	—	X	—	—	—	—	—	X	—	—
	Standard with 120V AC/DC LEDs	1492-IFM20D120	U †	X	—	—	—	—	—	—	—	—	—	—	—
	Narrow standard with 120V AC LEDs	1492-IFM20D120N	U	X	—	—	—	—	—	—	X	—	—	—	—
	24V AC/DC LEDs and extra terminals for outputs	1492-IFM20D24-2	—	—	—	—	—	—	—	—	—	—	X	—	—
	24V AC/DC LEDs and extra terminals for inputs	1492-IFM20D24A-2	—	—	X	—	X	—	—	—	—	—	—	—	—
	120V AC LEDs and extra terminals for outputs	1492-IFM20D120-2	—	—	—	—	—	—	—	—	X	—	—	—	—
	120V AC LEDs and extra terminals for inputs	1492-IFM20D120A-2	U	X	—	—	—	—	—	—	—	—	—	—	—
	3-wire sensor with 24V AC/DC LEDs	1492-IFM20D24-3	—	—	X	—	X	—	—	—	—	—	—	—	—
	Isolated with 24/48V AC/DC LEDs and 4 terminals/output	1492-IFM20DS24-4	—	—	—	—	—	—	—	—	—	W	—	W	W
	Isolated with 120V AC LEDs and 4 terminals/output	1492-IFM20DS120-4	—	—	—	—	—	W	V	V	—	—	—	—	—
	240V AC LEDs and extra terminals for outputs	1492-IFM20D240-2	—	—	—	—	—	—	—	—	—	—	—	—	—
	240V AC LEDs and extra terminals for inputs	1492-IFM20D240A-2	—	—	—	—	—	—	—	—	—	—	—	—	—
Fusible	Extra terminals for outputs	1492-IFM20F-F-2	—	—	—	—	—	—	—	—	X	—	X	—	—
	Extra terminals with 24V AC/DC blown fuse indicators	1492-IFM20F-F24-2	—	—	—	—	—	—	—	—	—	—	X	—	—
	Extra terminals with 120V AC blown fuse indicators	1492-IFM20F-F120-2	—	—	—	—	—	—	—	—	X	—	—	—	—
	Extra terminals with 240V AC blown fuse indicators	1492-IFM20F-F240-2	—	—	—	—	—	—	—	—	X	—	—	—	—
	Extra terminals with 24V AC/DC blown fuse indicators	1492-IFM20F-F24A-2	—	—	X	—	X	—	—	—	—	—	—	—	—
	Extra terminals with 120V AC blown fuse indicators	1492-IFM20F-F120A-2	—	X	—	—	—	—	—	—	—	—	—	—	—
	Isolated with extra terminals for outputs	1492-IFM20F-FS-2	—	—	—	—	—	W	V	V	—	W	—	W	W
	Isolated with extra terminals and 24V AC/DC blown fuse indicators	1492-IFM20F-FS24-2	—	—	—	—	—	—	—	—	—	W	—	W	W
	Isolated with 4 terminals/input and 24V AC/DC blown fuse indicators	1492-IFM20F-FS24A-4	—	—	—	—	—	—	—	—	—	—	—	—	—
	Isolated with extra terminals and 120V AC/DC blown fuse indicators	1492-IFM20F-FS120-2	—	—	—	—	—	W	V	V	—	—	—	—	—
	Isolated with 4 terminals/output and 120V AC/DC blown fuse indicators	1492-IFM20F-FS120-4	—	—	—	—	—	W	V	V	—	—	—	—	—
	Isolated with 4 terminals/input and 120V AC/DC blown fuse indicators	1492-IFM20F-FS120A-4	U	—	—	—	—	—	—	—	—	—	—	—	—
	Isolated with 4 terminals/output and 240V AC/DC blown fuse indicators	1492-IFM20F-FS240-4	—	—	—	—	—	W	—	—	—	—	—	—	—
Relay Master	20-pin master with eight (8) 24V DC relays	1492-XIM2024-8R	—	—	—	—	—	—	—	—	—	—	X	—	—
	20-pin master with eight (8) 120V AC relays	1492-XIM20120-8R	—	—	—	—	—	—	—	—	X	—	—	—	—
Relay Expander	Expander with eight (8) 24V DC relays	1492-XIM24-8R	—	—	—	—	—	—	—	—	—	—	*	—	—
	Expander with eight (8) 120V AC relays	1492-XIM120-8R	—	—	—	—	—	—	—	—	*	—	—	—	—
Fusible Expander	8-channel expander with 24V DC blown fuse indicators	1492-XIMF-F24-2	—	—	—	—	—	—	—	—	—	—	*	—	—
	8-channel expander with 120V AC blown fuse indicators	1492-XIMF-F120-2	—	—	—	—	—	—	—	—	*	—	—	—	—
Feed-through Expander	Expander with eight (8) feed-through channels	1492-XIMF-2	—	—	—	—	—	—	—	—	*	—	*	—	—
Relay Master	20-pin master with sixteen (16) 24V DC relays	1492-XIM2024-16R	—	—	—	—	—	—	—	—	—	—	X	—	—
	20-pin master with sixteen (16) 24V DC relays with fusing	1492-XIM2024-16RF	—	—	—	—	—	—	—	—	—	—	X	—	—
	20-pin master with sixteen (16) 120V AC relays	1492-XIM20120-16R	—	—	—	—	—	—	—	—	X	—	—	—	—
	20-pin master with sixteen (16) 120V AC relays with fusing	1492-XIM20120-16RF	—	—	—	—	—	—	—	—	X	—	—	—	—

* One expander module is connected to a master to provide a total of 16 outputs. An extender cable is included with each expander to connect it to the master.

† For applications with offside leakage current of >0.5 ma. Use 1492-IFM20D120N instead of 1492-IFM20D120A-2 or 1492-IFM20D120-2.

Bulletin 1756 ControlLogix IFMs and Cables, Continued

Bulletin 1756 Digital 16-Point Isolated and 32-Point I/O Modules

Type of IFM	Description of 40-Terminal IFM	IFM Cat. No.	I/O Module Cat. No. 1756-…													
			IA16I	IB16D	IB16I	IB32	IH16I	IM16I	OA16I	OB8EI	OB16D	OB16I	OB32	OH8I	OW16I	OX8I
Feed-through	Standard	1492-IFM40F	Y	Y	Y	Z	Y	—	Y	Y	Y	Y	Z	Y	Y	Y
	Extra terminals	1492-IFM40F-2	—	Y	—	Z	—	—	—	—	Y	—	Z	—	—	—
	3-wire sensor type input devices	1492-IFM40F-3	—	—	—	Z	—	—	—	—	—	—	—	—	—	—
LED Indicating	Standard with 24V AC/DC LEDs	1492-IFM40D24	—	—	—	Z	—	—	—	—	—	—	Z	—	—	—
	24V AC/DC LEDs and extra terminals for outputs	1492-IFM40D24-2	—	—	—	—	—	—	—	—	—	—	Z	—	—	—
	24V AC/DC LEDs and extra terminals for inputs	1492-IFM40D24A-2	—	—	—	Z	—	—	—	—	—	—	—	—	—	—
	120V AC LEDs and extra terminals for outputs	1492-IFM40D120-2	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	120V AC LEDs and extra terminals for inputs	1492-IFM40D120A-2	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	3-wire sensor with 24V AC/DC LEDs	1492-IFM40D24-3	—	—	—	Z	—	—	—	—	—	—	—	—	—	—
	Isolated with 24/48V AC/DC LEDs and four terminals/output	1492-IFM40DS24-4	—	—	—	—	—	—	—	Y	Y	Y	—	—	Y	Y
	Isolated with 24V AC/DC LEDs and four terminals/input	1492-IFM40DS24A-4	—	Y	Y	—	—	—	—	—	—	—	—	—	—	—
	Isolated with 120V AC LEDs and four terminals/output	1492-IFM40DS120-4	—	—	—	—	—	—	Y	—	—	—	—	—	Y	Y
	Isolated with 120V AC LEDs and four terminals/input	1492-IFM40DS120A-4	Y	—	—	—	—	—	—	—	—	—	—	—	—	—
	Isolated with 240V AC LEDs and four terminals/input	1492-IFM40DS240A-4	—	—	—	—	—	Y	—	—	—	—	—	—	—	—
Fusible	Extra terminals for outputs	1492-IFM40F-F-2	—	—	—	—	—	—	—	—	—	—	Z	—	—	—
	Extra terminals with 24V AC/DC blown fuse indicators	1492-IFM40F-F24-2	—	—	—	—	—	—	—	—	—	—	Z	—	—	—
	Extra terminals with 120V AC blown fuse indicators	1492-IFM40F-F120-2	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Isolated with extra terminals for outputs	1492-IFM40F-FS-2	—	—	—	—	—	—	Y	Y	Y	Y	—	Y	Y	Y
	Isolated with extra terminals and 24V AC/DC blown fuse indicators	1492-IFM40F-FS24-2	—	—	—	—	—	—	—	Y	Y	Y	—	—	Y	Y
	Isolated with 24V AC/DC blown fuse indicators and four terminals/output	1492-IFM40F-FS24-4	—	—	—	—	—	—	—	Y	Y	Y	—	—	Y	Y
	Isolated with extra terminals and 120V AC/DC blown fuse indicators	1492-IFM40F-FS120-2	—	—	—	—	—	—	Y	—	—	—	—	Y	Y	Y
	Isolated with 120V AC/DC blown fuse indicators and four terminals/output	1492-IFM40F-FS120-4	—	—	—	—	—	—	Y	—	—	—	—	—	Y	Y
	Isolated with 240V AC/DC blown fuse indicators and four terminals/output	1492-IFM40F-FS240-4	—	—	—	—	—	—	Y	—	—	—	—	—	Y	Y
	Isolated with 24V AC/DC blown fuse indicators and four terminals/input	1492-IFM40F-FS24A-4	—	Y	Y	—	—	—	—	—	—	—	—	—	—	—
	Isolated with 120V AC/DC blown fuse indicators and four terminals/input	1492-IFM40F-FS120A-4	Y	—	—	—	Y	—	—	—	—	—	—	—	—	—
Relay Master	40-pin master with eight (8) 24V DC relays	1492-XIM4024-8R	—	—	—	—	—	—	—	—	—	—	Z	—	—	—
	40-pin master with sixteen (16) 24V DC relays	1492-XIM4024-16R	—	—	—	—	—	—	—	—	—	—	Z	—	—	—
	40-pin master with sixteen (16) 24V DC relays with fusing	1492-XIM4024-16RF	—	—	—	—	—	—	—	—	—	—	Z	—	—	—
Relay Expander	Expander with eight (8) 24V DC relays	1492-XIM24-8R	—	—	—	—	—	—	—	—	—	—	*	—	—	—
	Expander with eight (8) 120V AC relays	1492-XIM120-8R	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Relay Expander, 24V DC, 16 Relays with fusing	1492-XIM24-16RF	—	—	—	—	—	—	—	—	—	—	†	—	—	—
Fusible Expander	8-channel expander with 24V DC blown fuse indicators	1492-XIMF-F24-2	—	—	—	—	—	—	—	—	—	—	*	—	—	—
	8-channel expander with 120V AC blown fuse indicators	1492-XIMF-F120-2	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Feed-through Expander	Expander with eight (8) feed-through channels	1492-XIMF-2	—	—	—	—	—	—	—	—	—	—	*	—	—	—

* Two or three expander modules are connected to a master to provide a total of 32 outputs. An extender cable is included with each expander to connect it to the master.

† Can have 1 expander per master

Bulletin 1756 ControlLogix IFMs and Cables, Continued

These **pre-wired cables** have a pre-wired RTB on one end to connect to the front of a Bulletin 1756 digital I/O module and a connector on the other end to plug into a 20- or 40-terminal IFM/XIM. You must first select the IFM/XIM from one of the preceding selection tables.

Pre-Wired Cables for Bulletin 1756 Digital I/O Modules

Cable Cat. No.	Standard Cable Lengths	Build-to-Order Available	No. of Conductors	Mating I/O Module Cat. No.
1492-CABLE∗U	0.5, 1.0, 2.5, 5.0 m	Yes	20	1756-IA8D, -OA8, -OA8D, -OA8E, -OB8, -OC8, -ON8
1492-CABLE∗V	0.5, 1.0, 2.5, 5.0 m	Yes	20	1756-OA8D, -OA8E
1492-CABLE∗W	0.5, 1.0, 2.5, 5.0 m	Yes	20	1756-OA8, -OBE, -OC8, -ON8
1492-CABLE∗X	0.5, 1.0, 2.5, 5.0 m	Yes	20	1756-IA16, -IB16, -IC16, -IN16, -OA16, -OB16E
1492-CABLE∗Y	0.5, 1.0, 2.5, 5.0 m	Yes	40	1756-IA16I, -IB16D, -IB16I, -IH16, -OA16I, -OB8EI, -OB16D, -OB16I, -OH8I, -OW16I, -OX8I
1492-CABLE∗Z	0.5, 1.0, 2.5, 5.0 m	Yes	40	1756-IB32, -OB32

∗ Cables are available in standard lengths of 0.5 m, 1.0 m, 2.5 m, and 5.0 m. To order, insert the code for the desired cable length into the cat. no. (005 = 0.5 m, 010 = 1.0 m, 025 = 2.5 m, and 050 = 5.0 m). Example: **Cat. No. 1492-CABLE005Y** is for a 0.5 m cable that could be used to connect a Cat. No. 1492-IFM40F IFM to a Cat. No. 1756-IA16I I/O module.

The **I/O module-ready cables** have a pre-wired RTB on one end to plug onto the front of a Bulletin 1756 I/O module and 20 or 40 individually colored #18 AWG conductors on the other end. These cables provide the convenience of pre-wired connections at the I/O module end, while still allowing the flexibility to fieldwire to standard terminal blocks of your choice.

I/O Module-Ready Cables for Bulletin 1756 Digital I/O Modules

Cable Cat. No.	Standard Cable Lengths	Build-to-Order Available	No. of Conductors	Mating I/O Module Cat. No.
1492-CABLE†TBNH	1.0, 2.5, 5.0 m	Yes	20	1756-IA8D, -IA16, -IB16, -IC16, -IN16, -OA8, -OA8D, -OA8E, -OA16, -OB8, -OB16E, -OC8, -ON8
1492-CABLE†TBCH	1.0, 2.5, 5.0 m	Yes	40	1756-IA16I, -IB16D, -IB16I, -IB32, -IH16I, -IM16I, -OA16I, -OB8EI, -OB16D, -OB16I, -OB32, -OH8I, -OW16I, -OX8I

† Cables are available in standard lengths of 1.0 m, 2.5 m, and 5.0 m. To order, insert the code for the desired cable length into the cat. no. (010 = 1.0 m, 025 = 2.5 m, and 050 = 5.0 m). Example: **Cat. No. 1492-CABLE050TBNH** is for a 5.0 m cable with a pre-wired Cat. No. 1756-TBNH RTB on one end.

Bulletin 1756 ControlLogix AIFMs and Cables

Bulletin 1756 Analog I/O Module*

Type of AIFM	Description of AIFM	AIFM Cat. No.	I/O Module Cat. No. 1756-...																		1757
			IF6I (Current)	IF6I (Voltage)	IF8 (Sgl - End Volt)	IF8 (Sgl - End Crt)	IF8 (Diff Voltage)	IF8 (Diff Current)	IF16 (Sgl - End Volt)	IF16 (Sgl - End Crt)	IF16 (Diff Voltage)	IF16 (Diff current)	IR6I	IT6I Series A	IT6I Series B	OF4 (Voltage)	OF4 (Current)	OF6CI	OF6VI	OF8 (Voltage)	OF8 (Current)	PIM
Feed-through	4-channel with 3 terminals/channel	1492-AIFM4-3	—	—	—	—	—	—	—	—	—	—	—	—	—	VA	VB	—	—	—	—	—
	6-channel isolated with 3...4 terminals/channel	1492-AIFM6S-3	X	Y	—	—	—	—	—	—	—	—	Z	—	—	—	—	Y	Y	—	—	—
	8-channel with 3 terminals/channel	1492-AIFM8-3	—	—	TA	TB	TC	TD	UA	UB	UC	UD	—	—	—	—	—	—	—	WA	WB	—
Thermo-couple	6-channel with 3 terminals/channel	1492-AIFM6TC-3	—	—	—	—	—	—	—	—	—	—	—	Y	YT	—	—	—	—	—	—	—
Fusible	8-channel with 24V blown fuse indicators, 5 terminals/channel	1492-AIFM8-F-5	—	—	TA	TB	TC	TD	—	—	UC	UD	—	—	—	—	—	—	—	—	—	—
	16-channel with 24V blown fuse indicators, 3 terminals/channel	1492-AIFM16-F-3	—	—	—	—	—	—	UA	UB	UC	UD	—	—	—	—	—	—	—	—	—	—
	16-channel with 24V blown fuse indicators, 5 terminals/channel	1492-AIFM16-F-5	—	—	—	—	—	—	UA	UB	UC	UD	—	—	—	—	—	—	—	—	—	—
	8 input/2 output channels	1492-AIFMPI	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	M

* Some analog I/O modules can be operated in up to four modes (current/voltage, single-ended/differential) based on connections. In all cases, each channel is factoryconfigured for the same mode. However, you can field configure any channel for another mode.

Note: Some analog I/O modules can be operated in up to four modes (current/voltage, single-ended/differential) based on the Removable Terminal Block (RTB) connection. When operating channels in current or voltage modes, order the cable for the current mode and remove jumpers of the RTB for voltage channels.

Bulletin 1756 ControlLogix AIFMs and Cables, Continued

These **pre-wired cables** have a pre-wired RTB on one end to connect to the front of a Bulletin 1756 analog I/O module and a D-shell connector on the other end to plug into a 20- or 40-terminal AIFM. You must first select the AIFM from the preceding selection table.

Cat. No.	Standard Cable Lengths	Build-to-Order Available	AIFM Connector	Mating I/O Module Cat. No.
1492-ACABLE*M	0.5, 1.0, 2.5, 5.0 m	Yes	25-pin D-shell	1757-PIM
1492-ACABLE*X	0.5, 1.0, 2.5, 5.0 m	Yes	25-pin D-shell	1756-IF16 Current
1492-ACABLE*Y	0.5, 1.0, 2.5, 5.0 m	Yes	25-pin D-shell	1756-IF16 Voltage, -IT6I Series -OF6CI, -OF6VI
1492-ACABLE*YT	0.5, 1.0, 2.5, 5.0 m	Yes	25-pin D-shell	1756-IT6I Series B
1492-ACABLE*Z	0.5, 1.0, 2.5, 5.0 m	Yes	25-pin D-shell	1756-IR16
1492-ACABLE*TA	0.5, 1.0, 2.5, 5.0 m	Yes	25-pin D-shell	1756-IF8 Single-Ended Voltage
1492-ACABLE*TB	0.5, 1.0, 2.5, 5.0 m	Yes	25-pin D-shell	1756-IF8 Single-Ended Current
1492-ACABLE*TC	0.5, 1.0, 2.5, 5.0 m	Yes	25-pin D-shell	1756-IF8 Differential Voltage
1492-ACABLE*UA	0.5, 1.0, 2.5, 5.0 m	Yes	25-pin D-shell	1756-IF16 Single-Ended Voltage
1492-ACABLE*UB	0.5, 1.0, 2.5, 5.0 m	Yes	25-pin D-shell	1756-IF16 Single-Ended Current
1492-ACABLE*UC	0.5, 1.0, 2.5, 5.0 m	Yes	25-pin D-shell	1756-IF16 Differential Voltage
1492-ACABLE*UD	0.5, 1.0, 2.5, 5.0 m	Yes	25-pin D-shell	1756-IF16 Differential Current
1492-ACABLE*VA	0.5, 1.0, 2.5, 5.0 m	Yes	15-pin D-shell	1756-OF4 Voltage
1492-ACABLE*VB	0.5, 1.0, 2.5, 5.0 m	Yes	15-pin D-shell	1756-OF4 Current
1492-ACABLE*WA	0.5, 1.0, 2.5, 5.0 m	Yes	25-pin D-shell	1756-OF8 Voltage
1492-ACABLE*WB	0.5, 1.0, 2.5, 5.0 m	Yes	25-pin D-shell	1756-OF8 Current

* Cables are available in standard lengths of 0.5 m, 1.0 m, 2.5 m, and 5.0 m. To order, insert the code for the desired cable length into the cat. no. (005 = 0.5 m, 010 = 1.0 m, 025 = 2.5 m, and 050 = 5.0 m). Example: Cat. No. 1492-ACABLE005Y is for a 0.5 m cable that could be used to connect a Cat. No. 1492-AIFM6TC-3 analog IFM to a Cat. No. 1756-IT6I I/O module.

Bulletin 1769

Bulletin 1769 Compact I/O for CompactLogix and MicroLogix 1500 IFMs and Cables

Type of IFM	Description of 20-Terminal IFM	IFM Cat. No.	I/O Module Cat. No. 1769-...										
			IA8I	IA16	IQ16	IM12	OA8	OB16	OV16	OW8	OW8I	OA16	OW16
Feed-through	Standard	1492-IFM20F	F69	A69	B69	G69	C69	E69	E69	C69	D69	H69	H69
	Narrow standard	1492-IFM20FN	F69	A69	B69	—	C69	E69	E69	C69	—	H69	H69
	Extra terminals	1492-IFM20F-2	—	A69	B69	G69	C69	E69	E69	C69	—	H69	H69
	3-wire sensor type input devices	1492-IFM20F-3	—	A69	B69	—	—	—	—	—	—	—	—
LED Indicating	Standard with 24V AC/DC LEDs	1492-IFM20D24	—	—	B69	—	—	E69	E69	—	—	—	H69
	Narrow standard with 24V AC/DC LEDs	1492-IFM20D24N	—	—	B69	—	—	E69	—	—	—	—	H69
	Standard with 120V AC/DC LEDs	1492-IFM20D120‡	—	A69	—	—	—	—	—	—	—	H69	H69
	Narrow standard with 120V AC LEDs	1492-IFM20D120N	—	A69	—	—	—	—	—	—	—	H69	H69
	24V AC/DC LEDs and extra terminals for outputs	1492-IFM20D24-2	—	—	—	—	—	E69	E69	—	—	—	H69
	24V AC/DC LEDs and extra terminals for inputs	1492-IFM20D24A-2	—	—	B69	—	—	—	—	—	—	—	—
	120V AC LEDs and extra terminals for outputs	1492-IFM20D120-2	—	—	—	—	—	—	—	—	—	H69	H69
	120V AC LEDs and extra terminals for inputs	1492-IFM20D120A-2	—	A69	—	—	—	—	—	—	—	—	—
	3-wire sensor with 24V AC/DC LEDs	1492-IFM20D24-3	—	—	B69	—	—	—	—	—	—	—	—
	Isolated with 24/48V AC/DC LEDs and 4 terminals/output	1492-IFM20DS24-4	—	—	—	—	—	—	—	C69	D69	—	—
	Isolated with 120V AC LEDs and 4 terminals/output	1492-IFM20DS120-4	—	—	—	—	C69	—	—	C69	D69	—	—
	240V AC LEDs and extra terminals for outputs	1492-IFM20D240-2	—	—	—	—	—	—	—	—	—	H69	H69
	240V AC LEDs and extra terminals for inputs	1492-IFM20D240A-2	—	—	—	G69	—	—	—	—	—	—	—
Fusible	Extra terminals for outputs	1492-IFM20F-F-2	—	—	—	—	—	E69	E69	—	—	H69	H69
	Extra terminals with 24V AC/DC blown fuse indicators	1492-IFM20F-F24-2	—	—	—	—	—	E69	E69	—	—	—	H69
	Extra terminals with 120V AC blown fuse indicators	1492-IFM20F-F120-2	—	—	—	—	—	—	—	—	—	H69	H69
	Extra terminals with 240V AC blown fuse indicators	1492-IFM20F-F240-2	—	—	—	—	—	—	—	—	—	—	—
	Extra terminals with 24V AC/DC blown fuse indicators	1492-IFM20F-F24A-2	—	—	∗B69	—	—	—	E69	—	—	—	—
	Extra terminals with 120V AC blown fuse indicators	1492-IFM20F-F120A-2	—	A69	—	—	—	—	—	—	—	—	—
	Isolated with extra terminals for outputs	1492-IFM20F-FS-2	—	—	—	—	C69	—	C69	D69	—	—	—
	Isolated with extra terminals and 24V AC/DC blown fuse indicators	1492-IFM20F-FS24-2	—	—	—	—	—	—	—	C69	D69	—	—
	Isolated with 4 terminals/input and 24V AC/DC blown fuse indicators	1492-IFM20F-FS24A-4	—	—	—	—	—	—	—	—	—	—	—
	Isolated with extra terminals and 120V AC/DC blown fuse indicators	1492-IFM20F-FS120-2	—	—	—	—	C69	—	—	C69	D69	—	—
	Isolated with 4 terminals/output and 120V AC/DC blown fuse indicators	1492-IFM20F-FS120-4	—	—	—	—	C69	—	—	C69	D69	—	—
	Isolated with 4 terminals/input and 120V AC/DC blown fuse indicators	1492-IFM20F-FS120A-4	—	—	—	—	—	—	—	—	—	—	—
	Isolated with 4 terminals/output and 240V AC/DC blown fuse indicators	1492-IFM20F-FS240-4	—	—	—	—	—	—	—	—	D69	—	—
Relay Master	20-pin master with eight (8) 24V DC relays	1492-XIM2024-8R	—	—	—	—	—	E69	—	—	—	—	—
	20-pin master with eight (8) 120V AC relays	1492-XIM20120-8R	—	—	—	—	—	—	—	—	—	—	—
Relay Expander	Expander with eight (8) 24V DC relays	1492-XIM24-8R	—	—	—	—	—	†	—	—	—	—	—
	Expander with eight (8) 120V AC relays	1492-XIM120-8R	—	—	—	—	—	—	—	—	—	—	—
Fusible Expander	8-channel expander with 24V DC blown fuse indicators	1492-XIMF-F24-2	—	—	—	—	—	†	—	—	—	—	—
	8-channel expander with 120V AC blown fuse indicators	1492-XIMF-F120-2	—	—	—	—	—	—	—	—	—	—	—
Feed-through Expander	Expander with eight (8) feed-through channels	1492-XIMF-2	—	—	—	—	—	†	—	—	—	—	—
Relay Master	20-pin master with sixteen (16) 24V DC relays	1492-XIM2024-16R	—	—	—	—	—	E69	—	—	—	—	—
	20-pin master with sixteen (16) 24V DC relays with fusing	1492-XIM2024-16RF	—	—	—	—	—	E69	—	—	—	—	—

∗ Sink mode only.

† One expander module is connected to a master to provide a total of 16 outputs. An extender cable is included with each expander to connect it to the master.

‡ For application with offside leakage current of >0.5 ma. Use 1492-IFM20D120N instead of 1492-IFM20D120A-2 or 1492-IFM20D120-2.

Bulletin 1769, Continued/New XIM's for 1746, 1756, 1769, and 1771

Bulletin 1769 Compact I/O for CompactLogix and MicroLogix 1500 IFMs and Cables, Continued

These **pre-wired cables** have a pre-wired RTB on one end to connect to the front of a Bulletin 1769 digital I/O module and a connector on the other end to plug into a 20-terminal IFM/XIM. You must first select the IFM/XIM from the preceding selection table.

Cable Cat. No.	Standard Cable Lengths	Build-to-Order Available	No. of Conductors	Mating 1746 I/O Module Cat. No.
1492-CAB∗A69	0.5, 1.0, 2.5, 5.0 m	Yes	20	1769-IA16
1492-CAB∗B69	0.5, 1.0, 2.5, 5.0 m	Yes	20	1769-IQ16
1492-CAB∗C69	0.5, 1.0, 2.5, 5.0 m	Yes	20	1769-OA8, -OW8
1492-CAB∗D69	0.5, 1.0, 2.5, 5.0 m	Yes	20	1769-OW8I
1492-CAB∗E69	0.5, 1.0, 2.5, 5.0 m	Yes	20	1769-OB16, -OV16
1492-CAB∗F69	0.5, 1.0, 2.5, 5.0 m	Yes	20	1769-IA8I
1492-CAB∗G69	0.5, 1.0, 2.5, 5.0 m	Yes	20	1769-IM12
1492-CAB∗H69	0.5, 1.0, 2.5, 5.0 m	Yes	20	1769-OA16, -OW16

∗ Cables are available in standard lengths of 0.5 m, 1.0 m, 2.5 m, and 5.0 m. To order, insert the code for the desired cable length into the cat. no. (005 = 0.5 m, 010 = 1.0 m, 025 = 2.5 m, and 050 = 5.0 m). Example: **Cat. No. 1492-CAB005E69** is for a 0.5 m cable that can be used to connect a Cat. No. 1492-IFM20D24N IFM to a Cat. No. 1769-OB16 I/O module.

The **I/O module-ready cables** have a pre-wired RTB on one end to plug onto the front of a Bulletin 1769 I/O module and 20 individually colored #18 AWG conductors on the other end. These cables provide the convenience of pre-wired connections at the I/O module end, while still allowing the flexibility to fieldwire to standard terminal blocks of your choice.

Cable Cat. No.	Standard Cable Lengths	Build-to-Order Available	No. of Conductors	Mating 1746 I/O Module Cat. No.
1492-CAB†RTN10	1.0, 2.5, 5.0 m	Yes	—	1769-OA8, -OW8
1492-CAB†RTN18	1.0, 2.5, 5.0 m	Yes	—	1769-IA8I, -IA16, -IQ16, -OB16, -OV16, -OW8I, -IM12

† Cables are available in standard lengths of 1.0 m, 2.5 m, and 5.0 m. To order, insert the code for the desired cable length into the cat. no. (010 = 1.0 m, 025 = 2.5 m, and 050 = 5.0 m). Example: **Cat. No. 1492-CAB050RTN10** is for a 5.0 m cable with a wired Cat. No. 1746-RTBN10 on one end.

Bulletin 1769 Compact I/O for CompactLogix and MicroLogix 1500 AIFMs and Cables

IFMs for Bulletin 1769 Analog I/O Modules

AIFM Cat. No.	I/O Module Cat. No. 1769-...					
	OF2 (Voltage)	OF2 (Current)	IF4 (Single-Ended Voltage)	IF4 (Single-Ended Current)	IF4 (Differential Voltage)	IF4 (Differential Current)
1492-AIFM4-3	AA69	AB69	—	BB69	BC69	BD69
1492-AIFM6S-3	—	—	—	—	—	—
1492-AIFM6TC-3	—	—	—	—	—	—
1492-AIFM8-3	—	—	—	—	—	—
1492-AIFM4I-F-5	—	—	—	—	—	—
1492-AIFM4C-F-5	—	—	—	—	—	—
1492-AIFM8-F-5	—	—	—	—	—	—
1492-AIFM16-F-3	—	—	—	—	—	—
1492-AIFM16-F-5	—	—	—	—	—	—
1492-AIFMQS	—	—	—	—	—	—

These **pre-wired cables** have a pre-wired RTB on one end to connect to the front of a Bulletin 1769 analog I/O module and a connector on the other end to plug into a 20-terminal AIFM. You must first select the AIFM from the preceding selection table.

Pre-Wired Cables for Bulletin 1769 Analog I/O Modules

Cable Cat. No.	Size	Build-to-Order Available	Type of IFM/AIFM/XIM	Mating I/O Module Cat. No.
1492-ACAB*AA69	0.5, 1.0, 2.5, 5.0 m	Yes	15-pin D-shell	1769-OF2 Voltage
1492-ACAB*AB69	0.5, 1.0, 2.5, 5.0 m	Yes	15-pin D-shell	1769-OF2 Current
1492-ACAB*BA69	0.5, 1.0, 2.5, 5.0 m	Yes	15-pin D-shell	1769-IF4 Single-Ended Voltage
1492-ACAB*BB69	0.5, 1.0, 2.5, 5.0 m	Yes	15-pin D-shell	1769-IF4 Single-Ended Current
1492-ACAB*BC69	0.5, 1.0, 2.5, 5.0 m	Yes	15-pin D-shell	1769-IF4 Differential Voltage
1492-ACAB*BD69	0.5, 1.0, 2.5, 5.0 m	Yes	15-pin D-shell	1769-IF4 Differential Current

* Cables are available in standard lengths of 0.5 m, 1.0 m, 2.5 m, and 5.0 m. To order, insert the code for the desired cable length into the cat. no. (005 = 0.5 m, 010 = 1.0 m, 025 = 2.5 m, and 050 = 5.0 m). Example: **Cat. No. 1492-ACAB005*** is for a 0.5 m cable.

Bulletin 1771 PLC-5 IFMs and Cables

IFMs for Bulletin 1771 Digital 8-Point and 16-Point I/O Modules

Type of IFM	Description of 20-Terminal IFM	IFM Cat. No.	I/O Module Cat. No. 1771-...																
			IA	IA2	IAD	IB	IBD	ICD	IGD	IH	IN	IND	IT	OAD	OBD	OGD	OMD	OND	IMD
Feed-through	Standard	1492-IFM20F	—	—	F	—	F	F	F	—	—	F	—	*	*	F	F	*	F
	Narrow standard	1492-IFM20FN	—	—	F	—	F	F	F	—	—	F	—	*	*	F	—	*	—
	Extra terminals	1492-IFM20F-2	—	—	F	—	F	F	F	—	—	F	—	*	*	F	F	*	F
	3-wire sensor type input devices	1492-IFM20F-3	—	—	F	—	F	F	F	—	—	F	—	—	—	—	—	—	—
LED Indicating	Standard with 24V AC/DC LEDs	1492-IFM20D24	—	—	—	—	F	F	—	—	—	F	—	*	*	—	—	*	—
	Narrow standard with 24V AC/DC LEDs	1492-IFM20D24N	—	—	—	—	F	F	—	—	—	F	—	*	*	—	—	*	—
	Standard with 120V AC/DC LEDs	1492-IFM20D120	—	—	F	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Narrow standard with 120V AC LEDs	1492-IFM20D120N	—	—	F	—	—	—	—	—	—	—	—	*	—	—	—	—	—
	24V AC/DC LEDs and extra terminals for outputs	1492-IFM20D24-2	—	—	—	—	—	—	—	—	—	—	—	*	*	—	—	*	—
	24V AC/DC LEDs and extra terminals for inputs	1492-IFM20D24A-2	—	—	—	—	F	F	—	—	—	F	—	—	—	—	—	—	—
	120V AC LEDs and extra terminals for outputs	1492-IFM20D120-2	—	—	—	—	—	—	—	—	—	—	—	*	—	—	—	—	—
	120V AC LEDs and extra terminals for inputs	1492-IFM20D120A-2	—	—	F	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	3-wire sensor with 24V AC/DC LEDs	1492-IFM20D24-3	—	—	—	—	F	F	—	—	—	—	—	—	—	—	—	—	—
	Isolated with 24/48V AC/DC LEDs and 4 terminals/output	1492-IFM20DS24-4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Isolated with 120V AC LEDs and 4 terminals/output	1492-IFM20DS120-4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	240V AC LEDs and extra terminals for outputs	1492-IFM20D240-2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	F	—	—
	240V AC LEDs and extra terminals for inputs	1492-IFM20D240A-2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	F
Fusible	Extra terminals for outputs	1492-IFM20F-F-2	—	—	—	—	—	—	—	—	—	—	—	F	F	—	—	F	—
	Extra terminals with 24V AC/DC blown fuse indicators	1492-IFM20F-F24-2	—	—	—	—	—	—	—	—	—	—	—	F	F	—	—	F	—
	Extra terminals with 120V AC blown fuse indicators	1492-IFM20F-F120-2	—	—	—	—	—	—	—	—	—	—	—	F	—	—	—	—	—
	Extra terminals with 240V AC blown fuse indicators	1492-IFM20F-F240-2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	F	—	—
	Extra terminals with 24V AC/DC blown fuse indicators	1492-IFM20F-F24A-2	—	—	—	—	F	F	—	—	—	F	—	—	—	—	—	—	—
	Extra terminals with 120V AC blown fuse indicators	1492-IFM20F-F120A-2	—	—	F	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Isolated with extra terminals for outputs	1492-IFM20F-FS-2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Isolated with extra terminals and 24V AC/DC blown fuse indicators	1492-IFM20F-FS24-2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Isolated with 4 terminals/input and 24V AC/DC blown fuse indicators	1492-IFM20F-FS24A-4	—	—	—	T	—	—	—	T	T	—	T	—	—	—	—	—	—
	Isolated with extra terminals and 120V AC/DC blown fuse indicators	1492-IFM20F-FS120-2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Isolated with 4 terminals/output and 120V AC/DC blown fuse indicators	1492-IFM20F-FS120-4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Isolated with 4 terminals/input and 120V AC/DC blown fuse indicators	1492-IFM20F-FS120A-4	T	T	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Isolated with 4 terminals/output and 240V AC/DC blown fuse indicators	1492-IFM20F-FS240-4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Relay Master	20-pin master with eight (8) 24V DC relays	1492-XIM2024-8R	—	—	—	—	—	—	—	—	—	—	—	—	*	—	—	—	—
	20-pin master with eight (8) 120V AC relays	1492-XIM20120-8R	—	—	—	—	—	—	—	—	—	—	—	*	—	—	—	—	—
Relay Expander	Expander with eight (8) 24V DC relays	1492-XIM24-8R	—	—	—	—	—	—	—	—	—	—	—	—	†	—	—	—	—
	Expander with eight (8) 120V AC relays	1492-XIM120-8R	—	—	—	—	—	—	—	—	—	—	—	†	—	—	—	—	—
Fusible Expander	8-channel expander with 24V DC blown fuse indicators	1492-XIMF-F24-2	—	—	—	—	—	—	—	—	—	—	—	—	†	—	—	—	—
	8-channel expander with 120V AC blown fuse indicators	1492-XIMF-F120-2	—	—	—	—	—	—	—	—	—	—	—	†	—	—	—	—	—
Feed-through Expander	Expander with eight (8) feed-through channels	1492-XIMF-2	—	—	—	—	—	—	—	—	—	—	—	†	†	—	—	—	—
Relay Master	20-pin master with sixteen (16) 24V DC relays	1492-XIM2024-16R	—	—	—	—	—	—	—	—	—	—	—	—	*	—	—	—	—
	20-pin master with sixteen (16) 24V DC relays with fusing	1492-XIM2024-16RF	—	—	—	—	—	—	—	—	—	—	—	—	*	—	—	—	—
	20-pin master with sixteen (16) 120V AC relays	1492-XIM20120-16R	—	—	—	—	—	—	—	—	—	—	—	*	—	—	—	—	—
	20-pin master with sixteen (16) 120V AC relays with fusing	1492-XIM20120-16RF	—	—	—	—	—	—	—	—	—	—	—	*	—	—	—	—	—

* Either F or FF.

† One expander is connected to a master to provide a total of 16 outputs. An extender cable is included with each expander to connect it to the master.

Bulletin 1771 PLC-5 IFMs and Cables, Continued

IFMs for Bulletin 1771 Digital 16-Point Isolated and 32-Point I/O Modules

Type of IFM	Description of 40-Terminal IFM	IFM Cat. No.	I/O Module Cat. No. 1771-...														
			IAN	IBN	ID16	IQ16	IVN	OAN	OBN	OD16	ODD	OQ16	OVN	OW16	OWN	OWNA
Feed-through	Standard	1492-IFM40F	J	J	M	M	K	L	L	M	M	M	L	R	L	L
	Extra terminals	1492-IFM40F-2	J	J	—	—	K	L	L	—	—	—	L	R	L	L
	3-wire sensor type input devices	1492-IFM40F-3	—	J	—	—	K	—	—	—	—	—	—	—	—	—
LED Indicating	Standard with 24V AC/DC LEDs	1492-IFM40D24	—	J	—	—	K	—	L	—	—	—	L	—	L	L
	24V AC/DC LEDs and extra terminals for outputs	1492-IFM40D24-2	—	—	—	—	—	—	L	—	—	—	L	—	L	L
	24V AC/DC LEDs and extra terminals for inputs	1492-IFM40D24A-2	—	J	—	—	K	—	—	—	—	—	—	—	—	—
	120V AC LEDs and extra terminals for outputs	1492-IFM40D120-2	—	—	—	—	—	L	—	—	—	—	—	—	L	L
	120V AC LEDs and extra terminals for inputs	1492-IFM40D120A-2	J	—	—	—	—	—	—	—	—	—	—	—	—	—
	3-wire sensor with 24V AC/DC LEDs	1492-IFM40D24-3	—	J	—	—	K	—	—	—	—	—	—	—	—	—
	Isolated with 24/48V AC/DC LEDs and four terminals/output	1492-IFM40DS24-4	—	—	—	—	—	—	—	—	—	M	—	—	—	—
	Isolated with 24V AC/DC LEDs and four terminals/input	1492-IFM40DS24A-4	—	—	—	M	—	—	—	—	—	—	—	—	—	—
	Isolated with 120V AC LEDs and four terminals/output	1492-IFM40DS120-4	—	—	—	—	—	—	—	M	M	—	—	—	—	—
	Isolated with 120V AC LEDs and four terminals/input	1492-IFM40DS120A-4	—	—	M	—	—	—	—	—	—	—	—	—	—	—
	Isolated with 240V AC LEDs and four terminals/input	1492-IFM40DS240A-4	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Fusible	Extra terminals for outputs	1492-IFM40F-F-2	—	—	—	—	—	L	L	—	—	—	L	—	L	L
	Extra terminals with 24V AC/DC blown fuse indicators	1492-IFM40F-F24-2	—	—	—	—	—	—	L	—	—	—	L	—	L	L
	Extra terminals with 120V AC blown fuse indicators	1492-IFM40F-F120-2	—	—	—	—	—	L	—	—	—	—	—	—	L	L
	Isolated with extra terminals for outputs	1492-IFM40F-FS-2	—	—	—	—	—	—	—	M	M	M	—	R71*	—	—
	Isolated with extra terminals and 24V AC/DC blown fuse indicators	1492-IFM40F-FS24-2	—	—	—	—	—	—	—	—	—	M	—	R71*	—	—
	Isolated with 24V AC/DC blown fuse indicators and four terminals/output	1492-IFM40F-FS24-4	—	—	—	—	—	—	—	—	—	M	—	—	—	—
	Isolated with extra terminals and 120V AC/DC blown fuse indicators	1492-IFM40F-FS120-2	—	—	—	—	—	—	—	M	M	—	—	R71*	—	—
	Isolated with 120V AC/DC blown fuse indicators and four terminals/output	1492-IFM40F-FS120-4	—	—	—	—	—	—	—	M	M	—	—	—	—	—
	Isolated with 240V AC/DC blown fuse indicators and four terminals/output	1492-IFM40F-FS240-4	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Isolated with 24V AC/DC blown fuse indicators and four terminals/input	1492-IFM40F-FS24A-4	—	—	—	M	—	—	—	—	—	—	—	—	—	—
	Isolated with 120V AC/DC blown fuse indicators and four terminals/input	1492-IFM40F-FS120A-4	—	—	M	—	—	—	—	—	—	—	—	—	—	—
Relay Master	40-pin master with eight (8) 24V DC relays	1492-XIM4024-8R	—	—	—	—	—	—	L	—	—	—	—	—	—	—
	40-pin master with sixteen (16) 24V DC relays	1492-XIM4024-16R	—	—	—	—	—	—	L	—	—	—	—	—	—	—
Relay Expander	Expander with eight (8) 24V DC relays	1492-XIM24-8R	—	—	—	—	—	—	†	—	—	—	—	—	—	—
	Expander with eight (8) 120V AC relays	1492-XIM120-8R	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Fusible Expander	8-channel expander with 24V DC blown fuse indicators	1492-XIMF-F24-2	—	—	—	—	—	—	†	—	—	—	—	—	—	—
	8-channel expander with 120V AC blown fuse indicators	1492-XIMF-F120-2	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Feed-through Expander	Expander with eight (8) feed-through channels	1492-XIMF-2	—	—	—	—	—	—	†	—	—	—	—	—	—	—
Relay Master	40-pin master with sixteen (16) 24V DC relays with fusing	1492-XIM4024-16RF	—	—	—	—	—	—	L	—	—	—	—	—	—	—
Relay Expander	Relay Expander, 24V DC, 16 Relays with fusing	1492-XIM24-16RF	—	—	—	—	—	—	‡	—	—	—	—	—	—	—

* Cable Cat. No. 1492-CAB*R71 has only the N.O. contacts connected.
† Two or three expanders are connected to a master to provide a total of 32 outputs. An extender cable is included with each expander to connect it to the master.
‡ Can have one expandable module per master.

Bulletin 1771 PLC-5 IFMs and Cables, Continued

These **pre-wired cables** have a wiring arm on one end to connect to the front of a Bulletin 1771 digital I/O module and a connector on the other end to plug into a 20- or 40-terminal IFM/XIM. You must first select the IFM/XIM from one of the preceding selection tables.

Pre-Wired Cables for Bulletin 1771 Digital I/O Modules

Cable Cat. No.	Standard Cable Lengths	Build-to-Order Available	No. of Conductors	Mating 1771 I/O Modules Cat. No.
1492-CABLE∗F	0.5, 1.0, 2.5, 5.0 m	Yes	20	1771-IAD, -IBD, -ICD, -IGD, -IND, -OAD, -OBD, -OGD, -OMD, -OND, -IMD
1492-CABLE∗FF	0.5, 1.0, 2.5, 5.0 m	Yes	20	1771-OAD, -OBD, -OND
1492-CABLE∗J	0.5, 1.0, 2.5, 5.0 m	Yes	40	1771-IAN, -IBN
1492-CABLE∗K	0.5, 1.0, 2.5, 5.0 m	Yes	40	1771-IVN
1492-CABLE∗L	0.5, 1.0, 2.5, 5.0 m	Yes	40	1771-OAN, -OBN, -OVN, -OWN, -OWNA
1492-CABLE∗M	0.5, 1.0, 2.5, 5.0 m	Yes	40	1771-ID16, -IQ16, -OD16, -ODD, -OQ16
1492-CABLE∗R	0.5, 1.0, 2.5, 5.0 m	Yes	40	1771-OW16
1492-CAB∗R71†	0.5, 1.0, 2.5, 5.0 m	Yes	40	1771-OW16
1492-CABLE∗T	0.5, 1.0, 2.5, 5.0 m	Yes	20	1771-IA, -IA2, -IB, -IH, -IN, -IT

∗ Cables are available in standard lengths of 0.5 m, 1.0 m, 2.5 m, and 5.0 m. To order, insert the code for the desired cable length into the cat. no. (005 = 0.5 m, 010 = 1.0 m, 025 = 2.5 m, and 050 = 5.0 m). Example: **Cat. No. 1492-CABLE005M** is for a 0.5 m cable that could be used to connect a Cat. No. 1492-IFM40F IFM to a Cat. No. 1771-ODD I/O module.

† Cable Cat. No. 1492-CAB∗ R71 has only the N.O. contacts connected.

The **I/O module-ready cables** have a wiring arm on one end to plug onto the front of a Bulletin 1771 I/O module and 20 or 40 individually colored #18 AWG conductors on the other end. These cables provide the convenience of pre-wired connections at the I/O module end, while still allowing the flexibility to fieldwire to standard terminal blocks of your choice.

I/O Module-Ready Cables for 1771 Digital I/O Modules

Description	Size	Build-to-Order Available	No. of Conductors	Mating I/O Module Cat. No.
1492-CABLE‡WA	1.0, 2.5, 5.0 m	Yes	12	1771-IA, -IA2, -IB, -IC, -IH, -IM, -IN, -IT, -IV, -OA, -OB, -OC, -OM, -ON, -OP
1492-CABLE‡WD	1.0, 2.5, 5.0 m	Yes	12	1771-ID, -ID01, -OD, -ODZ, -OR, -OW, -OYL, -OZL
1492-CABLE‡WH	1.0, 2.5, 5.0 m	Yes	20	1771-IAD, -IBD, -ICD, -IGD, -IMD, -IND, -OAD, -OBD, -OGD, -OMD, -OND
1492-CABLE‡WHF§	1.0, 2.5, 5.0 m	Yes	20	1771-IBD, -OAD, -OBD, -OMD, -OND
1492-CABLE‡WN	1.0, 2.5, 5.0 m	Yes	40	1771-IAN, -IBN, -ID16, -IQ16, -IV16, -OAN, -OBN, -OD16, -ODD, -OQ16, -OVN, -OW16, -OWN, -OWNA

‡ Cables are available in standard lengths of 1.0 m, 2.5 m, and 5.0 m. To order, insert the code for the desired cable length into the cat. no. (010 = 1.0 m, 025 = 2.5 m, and 050 = 5.0 m). Example: **Cat. No. 1492-CABLE050WN** is for a 5.0 m cable with a pre-wired Cat. No. 1771-WN wiring arm on one end.

§ Includes an optional 3A fuse in the Wiring Arm for 1771 PLC mating I/O Modules.

Bulletin 1771 PLC-5 AIFMs and Cables

IFMs for Bulletin 1771 Analog I/O Modules

Type of AIFM	Description of AIFM	AIFM Cat. No.	I/O Module Cat. No. 1771-...						
			IFE (Differential)	IFE (Single-Ended)	IL	IR	OFE1	OFE2	OFE3
Feed-through	4-channel with 3 terminals/channel	1492-AIFM4-3	—	—	—	—	G	G	G
	6-channel isolated with 3…4 terminals/channel	1492-AIFM6S-3	—	—	—	J	—	—	—
	8-channel with 3 terminals/channel	1492-AIFM8-3	E	F	H	—	—	—	—
Thermocouple	6-channel with 3 terminals/channel	1492-AIFM6TC-3	—	—	—	—	—	—	—
Fusible	8-channel with 24V blown fuse indicators, 5 terminals/channel	1492-AIFM8-F-5	E	—	—	—	—	—	—
	16-channel with 24V blown fuse indicators, 3 terminals/channel	1492-AIFM16-F-3	—	F	—	—	—	—	—
	16-channel with 24V blown fuse indicators, 5 terminals/channel	1492-AIFM16-F-5	—	F	—	—	—	—	—

These pre-wired cables have a wiring arm on one end to connect to the front of a Bulletin 1771 analog I/O module and a connector on the other end to plug into a 20- or 40-terminal IFM. You must first select the IFM from the preceding selection table.

Cable Cat. No.	Standard Cable Lengths	Build-to-Order Available	AIFM Connector	Mating 1771 I/O Modules
1492-ACABLE∗E	0.5, 1.0, 2.5, 5.0 m	Yes	25-pin D-shell	1771-IFE Differential
1492-ACABLE∗F	0.5, 1.0, 2.5, 5.0 m	Yes	25-pin D-shell	1771-IFE Single-Ended
1492-ACABLE∗G	0.5, 1.0, 2.5, 5.0 m	Yes	15-pin D-shell	1771-OFE1, -OFE2, -OFE3
1492-ACABLE∗H	0.5, 1.0, 2.5, 5.0 m	Yes	25-pin D-shell	1771-IL
1492-ACABLE∗J	0.5, 1.0, 2.5, 5.0 m	Yes	25-pin D-shell	1771-IR

∗ Cables are available in standard lengths of 0.5 m, 1.0 m, 2.5 m, and 5.0 m. To order, insert the code for the desired cable length into the cat. no. (005 = 0.5 m, 010 = 1.0 m, 025 = 2.5 m, and 050 = 5.0 m). Example: **Cat. No. 1492-ACABLE005E** is for a 0.5 m cable that could be used to connect a Cat. No. 1492-AIFM8-3 IFM to a Cat. No. 1771-IFE I/O module. Build-to-order lengths are also available.

IFM-Ready I/O Cables

IFM-ready cables have a cable connector on one end to attach to the IFM and either 20 or 40 individually colored conductors on the other end (CABLE∗P and CABLE∗Q, respectively). These cables allow the IFM to be used in specialty applications that require a custom connection.

Cable Cat. No.	Standard Cable Lengths	Insulation Rating	No. Conductors	Conductor Size	Nominal Outer Diameter	Current/ Conductor	Compatible IFM Cat. Nos.
1492-CABLE∗P	1.0, 2.5, 5.0 m	300V, 80°C	20	22 AWG	9 mm (0.36 in.)	2 A	1492-IFM20…, 1492-XIM20…
1492-CABLE∗Q	1.0, 2.5, 5.0 m	300V, 80°C	40	22 AWG	11.7 mm (0.46 in.)	2 A	1492-IFM40…, 1492-XIM40…

∗ Cables are available in lengths of 1.0 m, 2.5 m, and 5.0 m. To order, insert the desired cable length into the cat. no. (010 = 1.0 m, 025 = 2.5 m, and 050 = 5.0 m). Example: **Cat. No. 1492-CABLE025P** is for a 2.5 m, 20 conductor IFM-ready cable. Also refer to Build-to-Order Length Cables on this page.

Build-to-Order Length Cables

Cable Lengths	Increment Size	Cable Length Codes	Example Cat. No.
0.1…2.0 m	0.1 m	001…020	1492-CABLE015A (1.5 m cable)
2.0…10.0 m	0.5 m	020…100	1492-CABLE075P (7.5 m cable)
10.0…99.0 m	1.0 m	100…990	1492-CABLE150RTBB (15.0 m cable)

All Bulletin 1492 cables are available in build-to-order lengths. Consult your local Allen-Bradley Sales Office or distributor for availability.

Digital IFM Specifications

Digital IFM Cat. No.	Voltage Range	Dimensions (L x W x H) (in.)	Indicator Circuit Current (Nominal)	No. Terminals per Device Common	Label Card Cat. No.
1492-IFM20F	0…264V AC/DC	4.33 x 3.27 x 2.78	—	—	43006-253-01
1492-IFM20FN	0…132V AC/DC	2.36 x 3.27 x 2.78	—	—	44006-274-02, 45006-236-01
1492-IFM20F-2	0…264V AC/DC	4.33 x 3.27 x 2.78	—	10	43006-253-03, 45006-237-01
1492-IFM20F-3	0…132V AC/DC	4.33 x 3.27 x 2.78	—	17, 18	45006-077-01
1492-IFM20D24	10…30V AC/DC	4.33 x 3.27 x 2.78	2 mA	1	43006-253-01
1492-IFM20D24N	10…30V AC/DC	2.36 x 3.27 x 2.78	2 mA	1	44006-274-02, 45006-236-01
1492-IFM20D24-2	10…30V AC/DC	4.33 x 3.27 x 2.78	2 mA	10	43006-253-03, 45006-237-01
1492-IFM20D24A-2	10…30V AC/DC	4.33 x 3.27 x 2.78	2 mA	20	45006-086-01
1492-IFM20DS24-4	10…60V AC/DC	4.33 x 3.27 x 2.78	4.1 mA	2	45006-056-01
1492-IFM20D24-3	10…30V AC/DC	4.33 x 3.27 x 2.78	2 mA	18	43006-253-04
1492-IFM20D120	85…132V AC/DC	4.33 x 3.27 x 2.78	2.5 mA	2	43006-253-01
1492-IFM20D120N	85…132V AC	2.36 x 3.27 x 2.78	2.5 mA	1	44006-274-02, 45006-236-01
1492-IFM20D120-2	85…132V AC	4.33 x 3.27 x 2.78	2.5 mA	10	43006-253-03, 45006-237-01
1492-IFM20D120A-2	85…132V AC	4.33 x 3.27 x 2.78	2.5 mA	20	45006-086-01
1492-IFM20DS120-4	85…132V AC	4.33 x 3.27 x 2.78	2.6 mA	2	45006-056-01
1492-IFM20D240-2	204…264V AC	4.33 x 3.27 x 2.78	2.5 mA	10	43006-253-03
1492-IFM20D240A-2	204…264V AC	4.33 x 3.27 x 2.78	2.5 mA	20	45006-086-01
1492-IFM20F-F-2	0…132V AC/DC	4.33 x 3.27 x 2.78	—	10	43006-253-03, 45006-237-01
1492-IFM20F-F24-2	10…30V AC/DC	4.33 x 3.27 x 2.78	2 mA	10	43006-253-03, 45006-237-01
1492-IFM20F-F24A-2	10…30V AC/DC	4.33 x 3.27 x 2.78	2 mA	10	45006-100-01
1492-IFM20F-F120-2	85…132V AC	4.33 x 3.27 x 2.78	2.5 mA	10	43006-253-03, 45006-237-01
1492-IFM20F-F120A-2	85…132V AC/DC	4.33 x 3.27 x 2.78	1.2 mA	—	45006-100-01
1492-IFM20F-F240-2	204…264V AC	4.72 x 3.27 x 2.78	1.2 mA	10	45006-110-01
1492-IFM20F-FS-2	0…132V AC/DC	2.36 x 3.27 x 2.78	—	1	45006-022-01
1492-IFM20F-FS24-2	10…30V AC/DC	2.36 x 3.27 x 2.78	2 mA	—	45006-022-01
1492-IFM20F-FS24A-4	10…30V AC/DC	3.15 x 3.27 x 2.78	2 mA	—	45006-120-01
1492-IFM20F-FS120-2	85…132V AC/DC	2.36 x 3.27 x 2.78	2.5 mA	1	45006-022-01
1492-IFM20F-FS120-4	85…132V AC/DC	4.33 x 3.27 x 2.78	2.5 mA	2	45006-110-01
1492-IFM20F-FS120A-4	85…132V AC/DC	3.15 x 3.27 x 2.78	2.2 mA	—	45006-120-01
1492-IFM20F-FS240-4	204…264V AC	4.33 x 3.27 x 2.78	2.5 mA	2	45006-110-01
1492-IFM40F	0…132V AC/DC	4.33 x 3.27 x 2.78	—	—	43006-253-02
1492-IFM40F-2	0…132V AC/DC	8.27 x 3.27 x 2.78	—	10	43006-253-05/06
1492-IFM40F-3	0…60V AC/DC	8.27 x 3.27 x 2.78	—	18	43006-253-04
1492-IFM40D24	10…30V AC/DC	4.33 x 3.27 x 2.78	2 mA	1	43006-253-02
1492-IFM40D24-2	10…30V AC/DC	8.27 x 3.27 x 2.78	2 mA	10	43006-253-05/06
1492-IFM40D24A-2	10…30V AC/DC	8.27 x 3.27 x 2.78	2 mA	10	43006-253-05/06
1492-IFM40DS24-4	10…60V AC/DC	6.69 x 3.27 x 2.78	4.1 mA	2	45006-054-01
1492-IFM40DS24A-4	10…30V AC/DC	6.69 x 3.27 x 2.78	4.1 mA	2	45006-054-01
1492-IFM40D24-3	10…30V AC/DC	8.27 x 3.27 x 2.78	2 mA	18	43006-253-04
1492-IFM40D120-2	85…132V AC	8.27 x 3.27 x 2.78	2.5 mA	10	43006-253-05/06
1492-IFM40D120A-2	85…132V AC	8.27 x 3.27 x 2.78	2.5 mA	10	43006-253-05/06
1492-IFM40DS120-4	85…132V AC	6.69 x 3.27 x 2.78	2.6 mA	2	45006-054-01
1492-IFM40DS120A-4	85…132V AC	6.69 x 3.27 x 2.78	2.6 mA	2	45006-054-01
1492-IFM40DS240A-4	204…264V AC	6.69 x 3.27 x 2.78	2.6 mA	1	45006-054-01
1492-IFM40F-F-2	0…132V AC/DC	8.27 x 3.27 x 2.78	—	10	43006-253-05/06
1492-IFM40F-F24-2	10…30V AC/DC	8.27 x 3.27 x 2.78	2 mA	10	43006-253-05/06
1492-IFM40F-F120-2	85…132V AC	8.27 x 3.27 x 2.78	2.5 mA	10	43006-253-05/06
1492-IFM40F-FS-2	0…132V AC/DC	4.72 x 3.27 x 2.78	—	1	45006-020-01
1492-IFM40F-FS24-2	10…30V AC/DC	4.72 x 3.27 x 2.78	2 mA	1	45006-020-01
1492-IFM40F-FS24-4	10…30V AC/DC	7.09 x 3.27 x 2.78	2 mA	2	45006-047-02
1492-IFM40F-FS120-2	85…132V AC/DC	4.72 x 3.27 x 2.78	2.5 mA	1	45006-020-01
1492-IFM40F-FS120-4	85…132V AC/DC	7.09 x 3.27 x 2.78	1.4 mA	2	45006-047-01
1492-IFM40F-FS240-4	204…264V AC/DC	7.09 x 3.27 x 2.78	1.4 mA	2	45006-047-02
1492-IFM40F-FS24A-4	10…30V AC/DC	7.09 x 3.27 x 2.78	3.1 mA	1	45006-047-01
1492-IFM40F-FS120A-4	85…132V AC/DC	7.09 x 3.27 x 2.78	1.4 mA	1	45006-047-01

General Specifications

	Cat. No. 1492-...
Factory Mutual Approval	J.I. 3000590
Maximum Peak Transient Voltage	600V
Maximum Current (per circuit)	2 A (except relays)
Maximum Current (per module)	12 A (except relays)
Wire Range (Rated Cross Section)	#22...#12 AWG (0.2...4 mm^2)
Wire Strip Length	0.32 in. (8 mm)
Recommended Tightening Torque	3.5...4.5 lb-in. (0.38...0.50 Nm)
Operating Temperature Range	0...+60 °C

Analog IFM Specifications

Analog IFM Cat. No.	Voltage Range	Dimensions (L x W x H) (in.)	Indicator Circuit Current (Nominal)	No. Terminals per Shield Common	Label Card Cat. No.
1492-AIFM4-3	0...132V AC/DC	2.36 x 3.27 x 2.74	—	4	45006-034-01
1492-AIFM4C-F-5	10...30V DC	3.15 x 3.27 x 2.74	2 mA	4	45006-021-02
1492-AIFM4I-F-5	10...30V DC	3.15 x 3.27 x 2.74	2 mA	4	45006-021-02
1492-AIFM6S-3	0...132V AC/DC	3.15 x 3.27 x 2.74	—	6	45006-021-01
1492-AIFM6TC-3	0...132V AC/DC	3.15 x 3.27 x 2.74	—	6	45006-021-01
1492-AIFM8-3	0...132V AC/DC	4.33 x 3.27 x 2.74	—	8	45006-019-01
1492-AIFM8-F-5	10...30V DC	4.72 x 3.27 x 2.74	2 mA	18	44006-274-01
1492-AIFM16-F-3	10...30V DC	4.72 x 3.27 x 2.74	2 mA	18	45006-107-01
1492-AIFM16-F-5	10...30V DC	8.27 x 3.27 x 2.74	2 mA	16	45006-018-01
1492-AIFMQS	10...30V DC	4.72 x 3.27 x 2.74	2 mA	8	45006-018-02
1492-AIFMPI	0...30V DC	4.72 x 3.27 x 2.74	2 mA	8	45006-270-01

Relay Master/Expandable Interface Module Specifications

Relay Master/Expandable XIM Cat. No.	Voltage Range	Dimensions (L x W x H) (in.)	Indicator Circuit Current (Nominal)	No. Terminals per Device Common	Label Card Cat. No.
1492-XIM4024-16RF	20...28V DC	11.5 x 3.27 x 2.78	2 mA	16	45006-360-01
1492-XIM2024-16RF	20...28V DC	10.65 x 3.27 x 2.78	2 mA	16	45006-360-01
1492-XIM2024-16R	20...28V DC	10.65 x 3.27 x 2.78	2 mA	16	45006-360-01
1492-XIM20120-16R	96...132V AC	10.65 x 3.27 x 2.78	2 mA	16	45006-360-01
1492-XIM20120-16RF	96...132V DC	10.65 x 3.27 x 2.78	2 mA	16	45006-360-01
1492-XIM24-16RF	20...28V AC	11.5 x 3.27 x 2.78	2 mA	16	45006-360-01
1492-XIM4024-16R	20...26V AC	9.06 x 3.27 x 2.78	2 mA	16	45006-254-01
1492-XIM4024-8R	20...26V AC	6.30 x 3.27 x 2.78	2 mA	8	45006-142-01
1492-XIM2024-8R	20...26V AC	6.30 x 3.27 x 2.78	2 mA	8	45006-142-01
1492-XIM20120-8R	96...132V AC	6.30 x 3.27 x 2.78	2 mA	8	45006-142-01
1492-XIM24-8R	20...26V AC	6.30 x 3.27 x 2.78	2 mA	8	45006-143-01
1492-XIM120-8R	96...132V AC	6.30 x 3.27 x 2.78	2 mA	8	45006-143-01
1492-XIMF-2	0...132V AC/DC	3.15 x 3.27 x 2.19	2 mA	—	45006-144-01
1492-XIM24F-F24-2	10...30V DC	3.15 x 3.27 x 2.19	2 mA	8	45006-144-01
1492-XIMF-F120-2	85...132V AC	3.15 x 3.27 x 2.19	2 mA	8	45006-144-01

Cable Specifications

Cable	RTB for PLC	Connector for Interface Module	Insulation Rating	Cable Type	Cable O.D.	AWG
Digital I/O Pre-Wired	Yes	Ribbon Connector for IFM (20 or 40-pin)	300V 80° C	—	20 conductors, 9.0 mm (0.36 in.) 40 conductors, 11.7 mm (0.46 in.)	#22
Digital I/O Ready to wire	Yes	No, flying leads	300V 80° C	ITC "Tray Rated Cable"	20 conductors, 9.0 mm (0.36 in.) 40 conductors, 11.7 mm (0.46 in.)	#22
Digital I/O IFM Ready	No, flying leads	Ribbon Connector for IFM (20 or 40-pin)	300V 80° C	—	20 conductors, 9.0 mm (0.36 in.) 40 conductors, 11.7 mm (0.46 in.)	#22 (except 1492-CABLE_ _ _N3, #18)
Analog I/O Pre-Wired	Yes	D-Shell Connector for IFM (15 or 25-pin)	300V 80° C	Shielded Cable ITC "Tray Rated Cable"	Varies depending on number of conductors	#22 or #24

Digital IFM Specifications

Digital IFM Cat. No.	Voltage Range	Dimensions (L x W x H) (in.)	Indicator Circuit Current (Nominal)	No. Terminals per Device Common	Label Card Cat. No.
1492-IFM20F	0…264V AC/DC	4.33 x 3.27 x 2.78	—	—	43006-253-01
1492-IFM20FN	0…132V AC/DC	2.36 x 3.27 x 2.78	—	—	44006-274-02, 45006-236-01
1492-IFM20F-2	0…264V AC/DC	4.33 x 3.27 x 2.78	—	10	43006-253-03, 45006-237-01
1492-IFM20F-3	0…132V AC/DC	4.33 x 3.27 x 2.78	—	17, 18	45006-077-01
1492-IFM20D24	10…30V AC/DC	4.33 x 3.27 x 2.78	2 mA	1	43006-253-01
1492-IFM20D24N	10…30V AC/DC	2.36 x 3.27 x 2.78	2 mA	1	44006-274-02, 45006-236-01
1492-IFM20D24-2	10…30V AC/DC	4.33 x 3.27 x 2.78	2 mA	10	43006-253-03, 45006-237-01
1492-IFM20D24A-2	10…30V AC/DC	4.33 x 3.27 x 2.78	2 mA	20	45006-086-01
1492-IFM20DS24-4	10…60V AC/DC	4.33 x 3.27 x 2.78	4.1 mA	2	45006-056-01
1492-IFM20D24-3	10…30V AC/DC	4.33 x 3.27 x 2.78	2 mA	18	43006-253-04
1492-IFM20D120	85…132V AC/DC	4.33 x 3.27 x 2.78	2.5 mA	2	43006-253-01
1492-IFM20D120N	85…132V AC	2.36 x 3.27 x 2.78	2.5 mA	1	44006-274-02, 45006-236-01
1492-IFM20D120-2	85…132V AC	4.33 x 3.27 x 2.78	2.5 mA	10	43006-253-03, 45006-237-01
1492-IFM20D120A-2	85…132V AC	4.33 x 3.27 x 2.78	2.5 mA	20	45006-086-01
1492-IFM20DS120-4	85…132V AC	4.33 x 3.27 x 2.78	2.6 mA	2	45006-056-01
1492-IFM20D240-2	204…264V AC	4.33 x 3.27 x 2.78	2.5 mA	10	43006-253-03
1492-IFM20D240A-2	204…264V AC	4.33 x 3.27 x 2.78	2.5 mA	20	45006-086-01
1492-IFM20F-F-2	0…132V AC/DC	4.33 x 3.27 x 2.78	—	10	43006-253-03, 45006-237-01
1492-IFM20F-F24-2	10…30V AC/DC	4.33 x 3.27 x 2.78	2 mA	10	43006-253-03, 45006-237-01
1492-IFM20F-F24A-2	10…30V AC/DC	4.33 x 3.27 x 2.78	2 mA	10	45006-100-01
1492-IFM20F-F120-2	85…132V AC	4.33 x 3.27 x 2.78	2.5 mA	10	43006-253-03, 45006-237-01
1492-IFM20F-F120A-2	85…132V AC/DC	4.33 x 3.27 x 2.78	1.2 mA	—	45006-100-01
1492-IFM20F-F240-2	204…264V AC	4.72 x 3.27 x 2.78	1.2 mA	10	45006-110-01
1492-IFM20F-FS-2	0…132V AC/DC	2.36 x 3.27 x 2.78	—	1	45006-022-01
1492-IFM20F-FS24-2	10…30V AC/DC	2.36 x 3.27 x 2.78	2 mA	—	45006-022-01
1492-IFM20F-FS24A-4	10…30V AC/DC	3.15 x 3.27 x 2.78	2 mA	—	45006-120-01
1492-IFM20F-FS120-2	85…132V AC/DC	2.36 x 3.27 x 2.78	2.5 mA	1	45006-022-01
1492-IFM20F-FS120-4	85…132V AC/DC	4.33 x 3.27 x 2.78	2.5 mA	2	45006-110-01
1492-IFM20F-FS120A-4	85…132V AC/DC	3.15 x 3.27 x 2.78	2.2 mA	—	45006-120-01
1492-IFM20F-FS240-4	204…264V AC	4.33 x 3.27 x 2.78	2.5 mA	2	45006-110-01
1492-IFM40F	0…132V AC/DC	4.33 x 3.27 x 2.78	—	—	43006-253-02
1492-IFM40F-2	0…132V AC/DC	8.27 x 3.27 x 2.78	—	10	43006-253-05/06
1492-IFM40F-3	0…60V AC/DC	8.27 x 3.27 x 2.78	—	18	43006-253-04
1492-IFM40D24	10…30V AC/DC	4.33 x 3.27 x 2.78	2 mA	1	43006-253-02
1492-IFM40D24-2	10…30V AC/DC	8.27 x 3.27 x 2.78	2 mA	10	43006-253-05/06
1492-IFM40D24A-2	10…30V AC/DC	8.27 x 3.27 x 2.78	2 mA	10	43006-253-05/06
1492-IFM40DS24-4	10…60V AC/DC	6.69 x 3.27 x 2.78	4.1 mA	2	45006-054-01
1492-IFM40DS24A-4	10…30V AC/DC	6.69 x 3.27 x 2.78	4.1 mA	2	45006-054-01
1492-IFM40D24-3	10…30V AC/DC	8.27 x 3.27 x 2.78	2 mA	18	43006-253-04
1492-IFM40D120-2	85…132V AC	8.27 x 3.27 x 2.78	2.5 mA	10	43006-253-05/06
1492-IFM40D120A-2	85…132V AC	8.27 x 3.27 x 2.78	2.5 mA	10	43006-253-05/06
1492-IFM40DS120-4	85…132V AC	6.69 x 3.27 x 2.78	2.6 mA	2	45006-054-01
1492-IFM40DS120A-4	85…132V AC	6.69 x 3.27 x 2.78	2.6 mA	2	45006-054-01
1492-IFM40DS240A-4	204…264V AC	6.69 x 3.27 x 2.78	2.6 mA	1	45006-054-01
1492-IFM40F-F-2	0…132V AC/DC	8.27 x 3.27 x 2.78	—	10	43006-253-05/06
1492-IFM40F-F24-2	10…30V AC/DC	8.27 x 3.27 x 2.78	2 mA	10	43006-253-05/06
1492-IFM40F-F120-2	85…132V AC	8.27 x 3.27 x 2.78	2.5 mA	10	43006-253-05/06
1492-IFM40F-FS-2	0…132V AC/DC	4.72 x 3.27 x 2.78	—	1	45006-020-01
1492-IFM40F-FS24-2	10…30V AC/DC	4.72 x 3.27 x 2.78	2 mA	1	45006-020-01
1492-IFM40F-FS24-4	10…30V AC/DC	7.09 x 3.27 x 2.78	2 mA	2	45006-047-02
1492-IFM40F-FS120-2	85…132V AC/DC	4.72 x 3.27 x 2.78	2.5 mA	1	45006-020-01
1492-IFM40F-FS120-4	85…132V AC/DC	7.09 x 3.27 x 2.78	1.4 mA	2	45006-047-01
1492-IFM40F-FS240-4	204…264V AC/DC	7.09 x 3.27 x 2.78	1.4 mA	2	45006-047-02
1492-IFM40F-FS24A-4	10…30V AC/DC	7.09 x 3.27 x 2.78	3.1 mA	1	45006-047-01
1492-IFM40F-FS120A-4	85…132V AC/DC	7.09 x 3.27 x 2.78	1.4 mA	1	45006-047-01

General Specifications

	Cat. No. 1492-…
Factory Mutual Approval	J.I. 3000590
Maximum Peak Transient Voltage	600V
Maximum Current (per circuit)	2 A (except relays)
Maximum Current (per module)	12 A (except relays)
Wire Range (Rated Cross Section)	#22…#12 AWG (0.2…4 mm²)
Wire Strip Length	0.32 in. (8 mm)
Recommended Tightening Torque	3.5…4.5 lb-in. (0.38…0.50 Nm)
Operating Temperature Range	0…+60 °C

Analog IFM Specifications

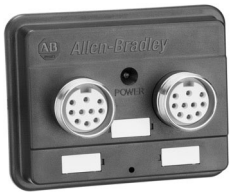
Analog IFM Cat. No.	Voltage Range	Dimensions (L x W x H) (in.)	Indicator Circuit Current (Nominal)	No. Terminals per Shield Common	Label Card Cat. No.
1492-AIFM4-3	0…132V AC/DC	2.36 x 3.27 x 2.74	—	4	45006-034-01
1492-AIFM4C-F-5	10…30V DC	3.15 x 3.27 x 2.74	2 mA	4	45006-021-02
1492-AIFM4I-F-5	10…30V DC	3.15 x 3.27 x 2.74	2 mA	4	45006-021-02
1492-AIFM6S-3	0…132V AC/DC	3.15 x 3.27 x 2.74	—	6	45006-021-01
1492-AIFM6TC-3	0…132V AC/DC	3.15 x 3.27 x 2.74	—	6	45006-021-01
1492-AIFM8-3	0…132V AC/DC	4.33 x 3.27 x 2.74	—	8	45006-019-01
1492-AIFM8-F-5	10…30V DC	4.72 x 3.27 x 2.74	2 mA	18	44006-274-01
1492-AIFM16-F-3	10…30V DC	4.72 x 3.27 x 2.74	2 mA	18	45006-107-01
1492-AIFM16-F-5	10…30V DC	8.27 x 3.27 x 2.74	2 mA	16	45006-018-01
1492-AIFMQS	10…30V DC	4.72 x 3.27 x 2.74	2 mA	8	45006-018-02
1492-AIFMPI	0…30V DC	4.72 x 3.27 x 2.74	2 mA	8	45006-270-01

Relay Master/Expandable Interface Module Specifications

Relay Master/Expandable XIM Cat. No.	Voltage Range	Dimensions (L x W x H) (in.)	Indicator Circuit Current (Nominal)	No. Terminals per Device Common	Label Card Cat. No.
1492-XIM4024-16RF	20…28V DC	11.5 x 3.27 x 2.78	2 mA	16	45006-360-01
1492-XIM2024-16RF	20…28V DC	10.65 x 3.27 x 2.78	2 mA	16	45006-360-01
1492-XIM2024-16R	20…28V DC	10.65 x 3.27 x 2.78	2 mA	16	45006-360-01
1492-XIM20120-16R	96…132V AC	10.65 x 3.27 x 2.78	2 mA	16	45006-360-01
1492-XIM20120-16RF	96…132V DC	10.65 x 3.27 x 2.78	2 mA	16	45006-360-01
1492-XIM24-16RF	20…28V AC	11.5 x 3.27 x 2.78	2 mA	16	45006-360-01
1492-XIM4024-16R	20…26V AC	9.06 x 3.27 x 2.78	2 mA	16	45006-254-01
1492-XIM4024-8R	20…26V AC	6.30 x 3.27 x 2.78	2 mA	8	45006-142-01
1492-XIM2024-8R	20…26V AC	6.30 x 3.27 x 2.78	2 mA	8	45006-142-01
1492-XIM20120-8R	96…132V AC	6.30 x 3.27 x 2.78	2 mA	8	45006-142-01
1492-XIM24-8R	20…26V AC	6.30 x 3.27 x 2.78	2 mA	8	45006-143-01
1492-XIM120-8R	96…132V AC	6.30 x 3.27 x 2.78	2 mA	8	45006-143-01
1492-XIMF-2	0…132V AC/DC	3.15 x 3.27 x 2.19	2 mA	—	45006-144-01
1492-XIM24F-F24-2	10…30V DC	3.15 x 3.27 x 2.19	2 mA	8	45006-144-01
1492-XIMF-F120-2	85…132V AC	3.15 x 3.27 x 2.19	2 mA	8	45006-144-01

PanelConnect™ Modules for Input/Output Connections

PanelConnect System View



Bulletin 1667 PanelConnect™ Modules

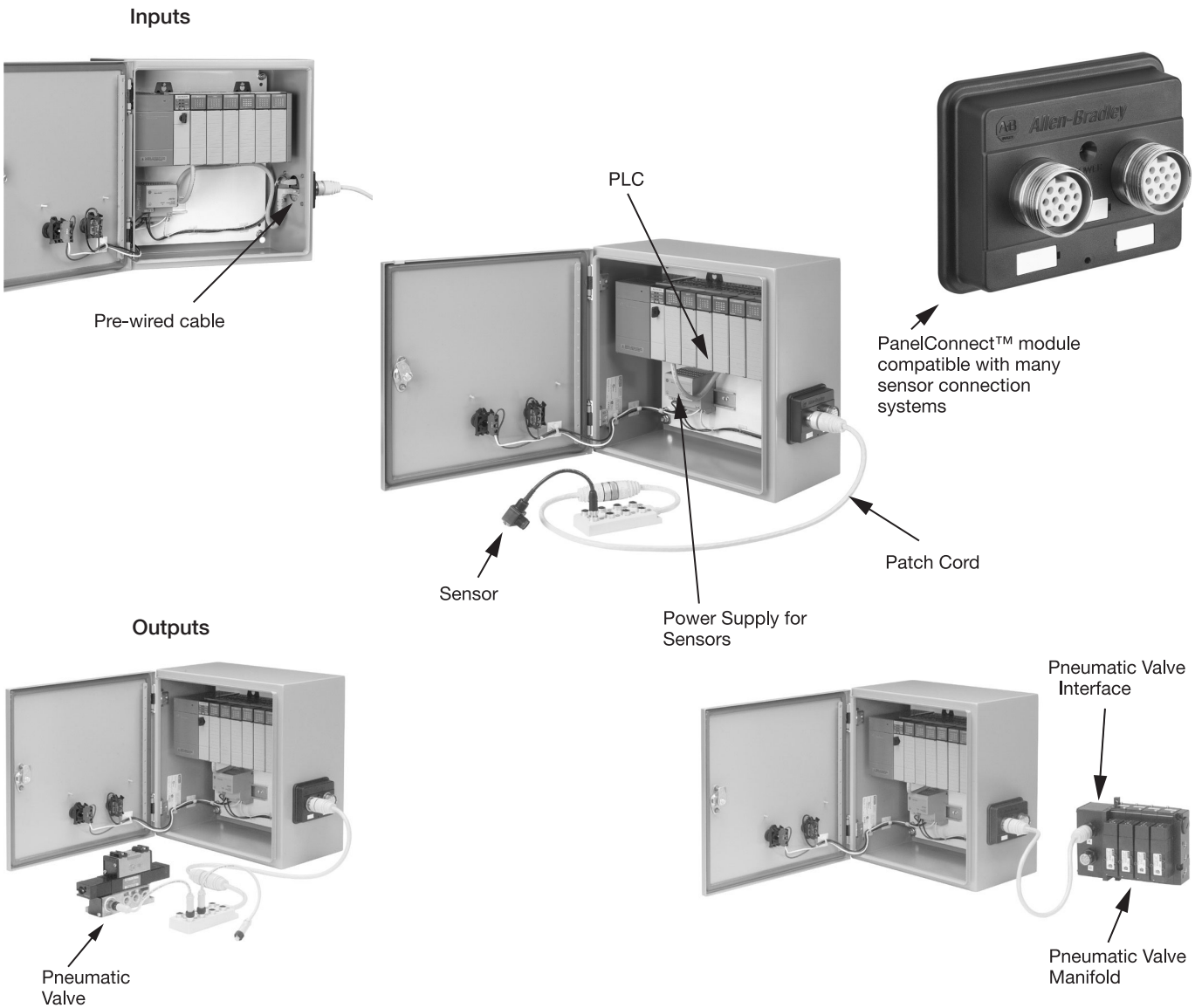
- Simplifies Machine and Systems Commissioning
- Reduced Wiring Errors
- Improves Design Flexibility
- Panel Space Savings
- Time and Cost Savings
- Plug and Play
- Fewer Parts less Inventory
- Minimal Repair and Replacement Time
- 12 pin Mini-Plus or 12 pin M23 connections

Table of Contents

Standards Compliance and Certifications

- cULus Listed, File E113724, Guide No. NRAQ
- IP65
- UL Type 4, 4X, and 12

PanelConnect™ for Sensors (Inputs) and Pneumatic Value (Outputs) - Connections System View



Description

Connecting inputs and ouputs to an Allen-Bradley PLC is very convenient with Allen-Bradley PanelConnect™ Modules and cables. Unlike conventional methods of:

- wiring a number of inputs or outputs to a panel connector to maintain the integrity of the enclosure
- wiring the connector to a terminal block
- wiring to the PLC I/O Module or
- facing the task of providing a seal on a number of cables entering an enclosure

Using a PanelConnect Module with associated Connection systems, allows connection of up to 16 inputs or outputs directly to a 16 point PLC Input or Output module with convenient pre-built cables and connectors.

Benefits

Simplifies Machine and System Commissioning

Often a machine or system is set up at the manufacturer and then disassembled for shipping to the job site. Many of the input and output connections need to be initially connected, then disconnected for shipment, and then reconnected for final assembly. When connecting through the enclosure, the time needed for the reconnection as well as making correct enclosure seals, and making the correct connection for final assembly can be greatly simplified and costs reduced using the PanelConnect module and Connection systems. Commissioning can be done in hours instead of taking weeks and months.

Enclosure Integrity

The PanelConnect module is a simple system that mounts on the enclosure and creates the correct seal for the entry of the input and output connections. There is no longer a need to spend the additional time to seal the opening where the sensor or output cables enter the enclosure or create custom connectors. This reduces the associated time and wiring errors as well.

Environmental Rating

PanelConnect Modules are rated for the harsh environments of IP65/NEMA Type 1, 4, 4X, and 12. These products bridge the IP20, In Panel environment to the IP65, On Machine environment.

Reduced Wiring Time and Cost

Wiring is completed in a fraction of the time when connecting the **“Plug and Play”** easy assembly system of PanelConnect modules, Pre-Wired I/O Cables, Distribution Box and Distribution Box Patch Cords when compared to traditional methods. Both standard and specific build-to-order length cables are available, providing the correct length for any panel in a neat, space-efficient wiring solution. Lower wiring costs are possible for OEMs and users because less skilled labor is needed to connect the **“Plug and Play”** system.

Minimal Repair and Replacement Time

“Plug and Play” PanelConnect and Connection systems are easily field replaceable using threaded secured connectors. These systems support the control system requirement for minimal time between diagnosis, repair, and functionality.

Simplified Design

Design engineers can simplify their panel drawings by calling out a PanelConnect Module and pre-wired cable instead of having to detail every individual wire and terminal block on their drawings. Simplified panel drawings aid not only the installer but also the end customer who receives the panel.

Reduced Wiring Errors

Wiring system cables are pre-tested to ensure 100% accurate connections and eliminate the need for point-to-point checking of wiring. This reduces the possibility of crossed wires and loose connections between the I/O module and the PanelConnect Module. Even one error in wiring 128 I/O points in a point-to-point system may require a complete check of the wiring. Wiring errors can take several minutes to track down and correct before the panel is ready for startup. When PanelConnect Modules and cables are snapped in place, they fit every time — no need to find the wrong or loose connection, resulting in a much higher rate of success at system startup.

Increased Volume and Productivity

PanelConnect systems can help OEMs and panel builders produce a higher volume of machines. Inter-connected wiring for a wiring system is 60 times faster to install than traditional point-to-point wiring, enabling OEMs and panel builders using PanelConnect System components to build panels faster and produce more machines. Machine segments also can be outsourced as machine segments can be connected via the **“Plug and Play”** products. Wiring is completed in a fraction of the time when connecting inputs and outputs with the Connection system and the PanelConnect Module as compared to the time required for traditional methods.

Design Flexibility

To develop a cost-effective system, the hardware components must meet the needs of the design engineer. Allen-Bradley products provide the broadest range of PanelConnect, digital and analog modules and cables, as well as flexibility with modularity and system expansion capabilities. Allen-Bradley Wiring Systems deliver a lower life-cycle cost.

Quality-Looking Panels

The pre-wired cables and PanelConnect modules organize the wiring in your panel providing a consistent look. Markers and pre-printed adhesive labels for the terminal wiring neatly identify field-wiring-side connections, which correspond to the I/O module. A large marking area is also available for identifying I/O information on the PanelConnect modules.

Reduce DIN Rail Space

By mounting the PanelConnect modules on the side wall of the enclosure, DIN Rail space is eliminated in the panel when compared to traditional terminal blocks.

Reduced Wire Preparation and Routing

PanelConnect systems eliminate the time and costs associated with stripping and cutting wires. Pre-wired cables eliminate this step altogether. Routing wires is much easier with wiring systems since engineers only have to worry about routing one pre-wired cable versus 20 wires used in the traditional wiring method.

Easier Marking and Labeling

Three markers on the front of the PanelConnect are provided to mark both I/O module and input/output points and Patch Cord cables. Pre-printed, I/O-specific adhesive label strips for quick marking of power supply terminals save labor compared to point-to-point wiring that requires labor-intensive wire markers. No wire labels are required on a pre-wired cable. Voltage Marking rings are provided to note AC and DC PanelConnect modules.

Fewer Parts, Less Inventory, and Lower Carrying Cost

A wiring system involves the PanelConnect module and the cable, versus a terminal block, barrier, a jumper, markers, wires, and swing arms with traditional hardwired systems. Therefore, it requires fewer components and, in turn, less inventory and lower carrying costs.

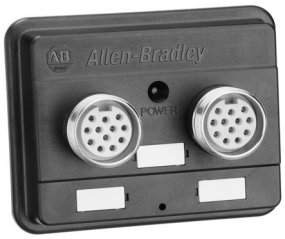
Compatibility

PanelConnect systems works with other digital and analog Allen-Bradley 1492 Programmable Controller Wiring Systems. PanelConnect systems work with the Allen-Bradley Sensor Connection Systems as well as other leading connection systems manufacturers: Brad Harrison™ - Daniel Woodhead, Lumberg and Turck. PanelConnect also supports a direct connection to the pneumatic valve manufacturer Festo, Numatics and Parker Hanifin. PanelConnect supports connector cables for both Mini-Plus and M23 style for Mini and Micro Sensor connectors.

PanelConnect Features

Input PanelConnect Module with two 10-pin Mini-Plus Connectors

These modules are used with sensor (input) distribution boxes without LEDs. Each 10-pin Mini-Plus connector mates with a 10-conductor patch cord that connects to the distribution box. Additionally on the field connection side, various sensors (including photoelectric sensors and proximity sensors) connect with a variety of connector styles. AC and DC versions of the PanelConnect module are available to meet the input (sensor) voltage requirements. Up to 16 inputs (sensors) can be connected to each PanelConnect module. Each PanelConnect Module has an LED to indicate when the module is powered.
On the internal panel side, the PanelConnect mates with a cable to connect to a PLC-input module. Cables are available to connect to the most popular Allen-Bradley PLC input modules.
Modules are available in Type 4, 4X, and 12 versions.

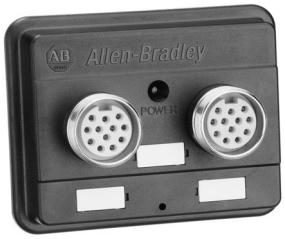


Input PanelConnect Module with two 12-pin Mini-Plus Connectors

These modules are normally used with sensor (input) distribution boxes with LEDs. Each 12-pin Mini-Plus connector mates with a 12-conductor patch cord that connects to the distribution box. Additionally on the field connection side, various sensors (including photoelectric sensors and proximity sensors or other inputs) connect with a variety of connector styles. AC and DC versions of the PanelConnect module are available to meet the input (sensor) voltage requirements. Up to 16 inputs (sensors) can be connected to each PanelConnect module. Each PanelConnect Module has an LED to indicate when the module is powered.
On the internal panel side, the PanelConnect mates with a cable to connect to a PLC-input module. Cables are available to connect to the most popular Allen-Bradley PLC input modules.
Modules are available in Type 4, 4X, and 12 versions.

Input PanelConnect Module with two 12-pin M23 Connectors

These modules are used with sensor (input) distribution boxes with or without LEDs. Each 12-pin M23 connector mates with a ten, eleven, or twelve conductor patch cord that connects to the distribution box. Additionally on the field connection side, various sensors (including photoelectric sensors and proximity sensors or other inputs) connect with a variety of connector styles. AC and DC versions of the PanelConnect module are available to meet the sensor voltage requirements. Up to 16 inputs (sensors) can be connected to each PanelConnect module. Each PanelConnect Module has an LED to indicate when the module is powered.
On the internal panel side, the PanelConnect mates with a cable to connect to a PLC-input module. Cables are available to connect to the most popular Allen-Bradley PLC input modules.
Modules are available in Type 4, 4X, and 12 versions.



Output PanelConnect Module with two 12-pin Mini-Plus Connectors

These modules are normally used with output distribution boxes with LEDs or directly to some pneumatic valve manifolds. Each 12-pin Mini-Plus connector mates with a twelve conductor patch cord that connects to the distribution box or pneumatic valve manifold. Additionally on the field connection side, various outputs (including pneumatic valves) connect with a variety of connector styles. AC and DC versions of the PanelConnect module are available to meet the output voltage requirements. Up to 16 outputs can be connected to each PanelConnect module. Each PanelConnect Module has an LED to indicate when the module is powered.
On the internal panel side, the PanelConnect mates with a cable to connect to a PLC-output module. Cables are available to connect to the most popular Allen-Bradley PLC output modules.
Modules are available in Type 4, 4X, and 12 versions.

Output PanelConnect Module with two 12-pin M23 Connectors

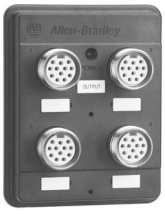
These modules are used with output distribution boxes with or without LEDs or directly to some pneumatic valve manifolds. Each 12-pin M23 connector mates with a ten, eleven, or twelve conductor patch cord that connects to the distribution box. Additionally on the field connection side, various outputs (including pneumatic valves) connect with a variety of connector styles. AC and DC versions of the PanelConnect module are available to meet the output voltage requirements. Up to 16 outputs can be connected to each PanelConnect module. Each PanelConnect Module has an LED to indicate when the module is powered.
On the internal panel side, the PanelConnect mates with a cable to connect to a PLC-output module. Cables are available to connect to the most popular Allen-Bradley PLC output modules.
Modules are available in Type 4, 4X, and 12 versions.

PanelConnect Fuse Module

The PanelConnect fuse module provides a convenient method of adding overcurrent protection to your PanelConnect inputs and outputs. This module has sixteen (16) 5x20 fuse holders to protect each individual input or output. The module has two 20-pin connectors with locking tabs. The right connector is used to connect to the back of the PanelConnect (in-panel connector). The left connector is used to connect to the Input or Output PLC module. The connection between the PanelConnect Module and the Fuse Module is done via the PanelConnect Option Module cable while connection to the PLC is done via PanelConnect pre-wired cables.
This module is optional so OEM's can add fusing based on the needs of their customers.

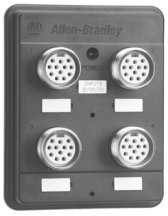
32-point Input PanelConnect Module with four Mini-Plus Connectors

The 10-pin modules are used with connection systems *without* LEDs on the distribution box. The 12-pin modules are used with connection systems *with* LEDs on the distribution box. On the field connection side, various inputs connect to a variety of connector styles. The four connector modules are available with DC power to match the 32 point PLC module's voltage requirements. Up to 32 inputs can be connected to each PanelConnect module. Each PanelConnect module has an LED to indicate when the module is powered. On the panel side, a variety of cables are available to mate the PanelConnect to many PLC input modules. For details, refer to pub. 1667-SG001A-EN-P.



32-point Output PanelConnect Module with four 12-pin Mini-Plus Connectors

The 12-pin modules are normally used with connection systems *with* LEDs on the distribution box or directly to pneumatic valve manifolds. Each 12-pin Mini-Plus connector mates with a 12 conductor patch cord that connects to a distribution box or pneumatic valve manifold. On the field connection side, various outputs (including pneumatic valves) mate to a variety of connector styles. The four connector modules are available with DC power to match the 32 point PLC module's voltage requirements. Up to 32 outputs can be connected to each PanelConnect module. Each PanelConnect module has an LED to indicate when the module is powered. On the panel side, a variety of cables are available to mate the PanelConnect to many PLC output modules. For details, refer to pub. 1667-SG001A-EN-P.



32-point Combination PanelConnect Module with four 12-pin Mini-Plus Connectors

The 12-pin modules are normally used with connection systems *with* LEDs on the distribution box. Each 12-pin Mini-Plus connector mates with a 12 conductor patch cord that connects to an eight point distribution box. On the field connection side, various inputs and outputs (including pneumatic valves) mate to a variety of connector styles. Each eight point distribution box is divided equally allowing 4 inputs and 4 outputs to be attached. The four connector PanelConnect modules are available with 24V DC power to match the PLC input and output module voltage requirements. Up to 16 inputs and 16 outputs can be connected to each combination PanelConnect module. Each PanelConnect module has an LED to indicate when the module is powered. On the panel side, a variety of cables are available to mate the PanelConnect to a 16 point input PLC module and a 16 point output PLC module. For details, refer to pub. 1667-SG001A-EN-P.

Digital Pre-Wired Cables

Bulletin 1492 pre-wired cables are designed to minimize control wiring in a panel. Pre-wired cables, when used with a PanelConnect Module replaces the point-to-point wiring between Allen-Bradley programmable controller I/O modules and individual terminal blocks. The pre-wired cables have a removable terminal block or wiring arm at the I/O end of the cable and a cable connector on the other end to connect to the PanelConnect Module. All of the pre-wired cables use #22 AWG wire and are 100% tested for continuity to make a perfect connection every time. The digital pre-wired cables are offered in four standard lengths of 0.5, 1.0, 2.5, and 5.0 m to fit a variety of applications. Other cable lengths are also available as build-to-order products. Pre-wired cables are available for many of the 1746 SLC I/O, 1756 ControlLogix, 1769 Compact for CompactLogix and MicroLogix 1500, 1794 Flex I/O, and 1771 (PLC-5) I/O Modules.

Digital Option Module Cables

PanelConnect Option Module cable has two over molded cable connectors. The cables use #22 AWG wire and are 100% tested for continuity to make a perfect connection every time. These cables are offered in five standard lengths of .5, 1.0, 1.5, 2.5, and 5.5 meters to fit a variety of applications.

Ready-to-Wire Digital Cables

PanelConnect-ready cables have a cable connector that attaches to the PanelConnect Module, pre-wired to one end, and have free connectors ready to wire to other suppliers' I/O modules or other components on the other end. PanelConnect ready cables use #22 AWG wire and have individual color-coded conductors for quick wire-to-terminal coordination. The digital PanelConnect-ready cables are offered in standard lengths of 1.0, 2.5, and 5.0 m to fit a variety of applications. Other cable lengths are also available as build-to-order products.

PanelConnect™ Modules for Input/Output Connections

Catalog Number Explanation

PanelConnect Modules

This catalog provides reference to catalog number selection and configuration. **For the fastest and most complete 1667 PanelConnect Product Selection go to http://www.ab.com/raise** http://www.ab.com/raise.This tool will provide:

- Catalog Number Configuration of PanelConnect Modules and Appropriate Pre-wired Cables
- Field Side Wiring Diagrams for Each Module
- Prewired Cable Pin-outs
- ABCAD Module Files
- Label Card Information
- User Documentation Specification for Each PanelConnect Module

RAISE™
www.ab.com/raise

Note: For complete information on configurating this product, go to http://http://www.ab.com/raise/. Use on-line configurator tools powered by RAISE.

1667	–	16	I	A	10	07	X
		a	*b*	*c*	*d*	*e*	*f*

a

No. of I/O Points	
Code	Description
16	16 Points
32	32 Points

b

I/O Type	
Code	Description
I	Inputs
O	Outputs
C	Combined

c

Power	
Code	Description
A	AC
D	DC

d

Number of pins per connector	
Code	Description
10	10-pin Mini-plus
12	12-pin Mini-plus
22	12-pin M23

e

Sequence number describing internal connection from Patch cord connector to cable connector	
Code	Description
01	See Selection Table for specific PanelConnect Module
02	
03	
04	
05	
06	
07	
08	
09	

f

Environment	
Code	Description
X	Type 4X
Blank	Type 4

PanelConnect™ Modules for Input/Output Connections

Catalog Number Explanation, Continued

PanelConnect Accessories

Important	The following PanelConnect catalog number breakdown is for explanation purposes only. It is not a product configurator. Not all combinations of fields are valid product catalog numbers. First, select the desired PanelConnect module using the steps in "Using Selection Tables to determine appropriate product" on page 12-122. Then, use the breakdown for verification and explanation only.

1667 –	Z	16	F	24	01	X
	a	*b*	*c*	*d*	*e*	*f*

a

Z = Options

b

Number of Points	
Code	Description
16	16 Points
32	32 Points
B	Bracket
C1	Mini-Plus Cap
C2	M23 Cap

c

Module Type	
Code	Description
F	Fuse
Blank	None

d

Voltage	
Code	Description
24	VDC
120	VAC
Blank	None

e

Sequence No.	
Code	Description
01	
02	
Blank	None

f

Environment	
Code	Description
X	Type 4X
Blank	None

PanelConnect Option Module Cables

1667 –	CAB	010	A
	a	*b*	*c*

a

CAB = Cable

b

Length	
Code	Description
005	0.5 meter
010	1.0 meter
015	1.5 meter
025	2.5 meter
055	5.5 meter

c

Module Type	
Code	Description
A	20 Point
B	40 Point

PanelConnect Cables

Important	Use the following tables as a product configurator for pre-wired, PanelConnect Module-ready, and I/O module-ready cables for Bulletins 1746, 1756, 1769, 1771 and 1794 digital I/O module cables. Other combinations of these fields make valid product cat. nos for other wiring systems use.

1492 – CABLE 010 A
a b c

a

Digital Interface Cable	
Code	**Description**
CAB	1769 modules
CABLE	All other modules

b

Standard or Build-to-Order Length Cable		
Code	**Description**	
005	0.5 m (1.64 ft)	Standard
010	1.0 m (3.28 ft)	
025	2.5 m (8.20 ft)	
050	5.0 m (16.40 ft)	
001…020	0.1…2.0 m (0.328…6.56 ft) 0.1 m (0.328 ft) increments	Build-to-Order
020…100	2.0…10.0 m (6.56…32.8 ft) 0.5 m (1.64 ft) increments	
100…990	10.0…99.0 m (32.8…374.72 ft) 1.0 m (3.28 ft) increments	

c

Cable Type		
Code	**Description**	
A	Inputs	1746-IA16
B	Inputs	1746-IB16 1746-IC16 1746-IH16 1746-IN16 1746-ITB16 1746-ITV16 1746-IV16
C	Outputs	1746-OA16
D	Outputs	1746-OW16
E	Ouputs	1746-OB16 1746-OB16E 1746-OBP16P 1746-OV16P 1746-OVP16P
F	Inputs	1771-IAD 1771-IBD 1771-ICD 1771-IND
	Outputs	1771-OAD 1771-OBD 1771-OND
J	Inputs	1771-IBN
L	Outputs	1771-OBN 1771-OVN
H	Inputs	1746-IB32 1746-OB32
	Outputs	1746-OB32E 1746-OV32
X	Inputs	1756-IA16 1756-IB16 1756-IC16 1756-IN16
	Outputs	1756-OA16 1756-OB16E
Z	Inputs	1756-IB32
	Outputs	1756-OB32
A69	Inputs	1769-IA16
B69	Inputs	1769-IA16
E69	Outputs	1769-OB16 1769-OV16
H69	Outputs	1769-OA16 1769-OW16
P	Inputs & Outputs	1794 Flex I/O 16 Pt. Modules
Q	Inputs & Outputs	1794 Flex I/O 32 Pt. Modules
P	—	PanelConnect Ready 20 Pt.
Q	—	PanelConnect ready 40 Pt.

PanelConnect™ Modules for Input/Output Connections

Ordering PanelConnect Module and Sensor Connetion

Using Selection Tables to determine appropriate product

Follow these steps when starting selection from the I/O Module and PanelConnect or use RAISE at www.ab.com/raise.

1. Determine if applying Inputs or Outputs.
2. Determine the Input or Output voltage type, AC or DC (Use Table A for AC Inputs systems. Use Table B for DC Inputs systems. Use Table C for AC Outputs systems with Distribution Box connection. Use Table D for DC Outputs systems with Distribution Box connection. Use Table E for AC Outputs systems with direct connect to Pneumatic Valve. Use Table F for DC Outputs with direct connect to Pneumatic Valve.)
3. Determine the PLC I/O system that you are using, 1746, 1756, 1769, 1771, 1794.
4. Determine the main connector style (Mini-Plus - 1 1/8 in. or Metric - M23) for either a direct connection to a Pneumatic Valve or connection through a Distribution Box.
5. Determine if Distribution Box uses LED indicators.
6. Select the appropriate PanelConnect module and a cable.
7. If NEMA 4X system is required, select from Table G
   Note: Appropriate Connection Systems suppliers are noted in Tables “A”, “B“, “C”, and “D”. Appropriate Pneumatic Valve suppliers are noted in Tables “E” and “F”.

Follow these steps when starting selection from Distribution Box and connect type:

From Table H (Determine Distribution Box details, first)

1. Determine if applying Inputs or Outputs.
2. Determine manufacture of Distribution Box.
3. Determine voltage type AC or DC, and nominal voltage.
4. Determine LED or not LED on Distribution Box.
5. Determine connection type
   6. Select PanelConnect Module and a cable.

Refer to Tables A through D to determine appropriate I/O system and PanelConnect Cable.

Follow these steps when starting selection from direct connect Pneumatic Valves Manifold:

From Table I (Determine Pneumatic Valve Manifold details, first)

1. Determine manufacture of pneumatic valve.
2. Determine voltage type AC or DC.
3. Determine Pneumatic Valve series.
4. Select Valve Interface (Table E or F).
5. Select PanelConnect Module and a cable.

Refer to Table C or D to determine appropriate I/O system and PanelConnect cable.

Determine Patch Cord details for Allen-Bradley Distribution Boxes and PanelConnect Modules from pub. C114-CA001A-EN-P.

For greater details refer to A-B Pub. No. 1667-SG002C-EN-P

Using Selection Tables to Make Valid Catalog Numbers

Configure the cable catalog number using 1492-CABLE⁎ (for digital cables). See footnote⁎ on this page.

Table 1 — AC Input Systems NEMA 4

					AC Input		
			Main Connector Style		Mini-plus (1 1/8 in.)		Metric M23
			Connectors		10-pin	12-pin	12-pin
			Distribution Box LED's		without LED	with LED	Either with or without LED
			Input Points		16	16	16
					Cat. No.	**Cat. No.**	**Cat. No.**
			Allen-Bradley		1667-16IA1008	1667-16ID1207	—
			Brad Harrison™		1667-16IA1008	1667-16ID1207	—
			Crouse-Hinds		1667-16IA1008	1667-16ID1207	—
			Lumberg		1667-16IA1008	1667-16ID1207	—
			Turck		—	—	1667-16ID2209
					Cat. No.	**Cat. No.**	**Cat. No.**
I/O System	**Nominal System**	**I/O Range**	**Frequency @ Module**	**I/O Module**	1667-16IA1008	1667-16IA1207	1667-16IA2209
1746	100/120V AC	85…132V AC	47…63 Hz	1746-IA16	1492-CABLE⁎A	1492-CABLE⁎A	1492-CABLE⁎A
	24V AC	10…30V AC	47…63 Hz	1746-IN16	1492-CABLE⁎B	1492-CABLE⁎B‡	1492-CABLE⁎B
1756	120V AC	74…132V AC	47…63 Hz	1756-IA16	1492-CABLE⁎X	1492-CABLE⁎X	1492-CABLE⁎X
	24V AC	10…30V AC	47…63 Hz	1756-IN16	1492-CABLE⁎X	—	—
1769	100/120V AC	79…132V AC	47…63 Hz	1769-IA16	1492-CAB⁎A69	1492-CAB⁎A69	1492-CAB⁎A69
1771	120V AC	70…138V AC	50/60 Hz	1771-IAD	1492-CABLE⁎F	1492-CABLE⁎F	1492-CABLE⁎F
	24V AC	16…30V AC	50/60 Hz	1771-IND	1492-CABLE⁎F	1492-CABLE⁎F	—
1794	100/120V AC	85…132V AC	47…63 Hz	1794-IA16	1492-CABLE⁎P‡	1492-CABLE⁎P‡	—
Other AC PLC Input Modules					1492-CABLE⁎P	1492-CABLE⁎P	1492-CABLE⁎P

⁎ Cables are available in standard lengths of 0.5 m, 1.0 m, and 5.0 m. To order, insert the desired length code in the catalog number ("005" = 0.5 m, "010" = 1.0 m, "0.25" = 2.5 m, and "050" = 5 m). Example: 1492-CABLE005B is for a 0.5 m cable for the 1746-IB16 I/O module. 1492-CABLE⁎P has minimum Length of 1.0 m.

‡ Refer to Wiring to 1794 Flex I/O Module in Publication 1667-AT002A-EN-P.

Using Selection Tables to Make Valid Catalog Numbers

Configure the cable catalog number using 1492-CABLE⁎ (for digital cables). See footnote⁎ on this page.

Table 2 — DC Input Systems NEMA 4

					DC Input								
			Main Connector Style		Mini-plus (1 1/8 in.)								
			Connectors		10-pin	12-pin	12-pin	12-pin	10-pin	12-pin	12-pin	12-pin	12-pin
			Distribution Box LED's		Without LEDs	With LEDs			Without LEDs	With LEDs	Either with or without LEDs	With LEDs	Either with or without LEDs
			Input Points		16	16	16	16	16	16	16	32	32
					Cat. No.	**Cat. No.**	**Cat. No.**	**Cat. No.**	**Cat. No.**	**Cat. No.**	**Cat. No.**	**Cat. No.**	**Cat. No.**
			Allen-Bradley		1667-16ID1004	1667-16ID1201	—	—	1667-16ID1001	—	1667-16ID1212	1667-32ID1201	1667-32ID1001
			Brad Harrison™ (Daniel Woodhead)		1667-16ID1004	—	1667-16ID1202	—	1667-16ID1001	1667-16ID1210	—	—	1667-32ID1001
			Crouse-Hinds		1667-16ID1004	—	—	—	1667-16ID1001	—	—	—	1667-32ID1001
			Lumberg		—	—	—	1667-16ID1203	—	—	—	—	—
			Turck		—	—	—	—	—	—	—	—	—
	System												
I/O System	**Nominal**	**I/O Range**	**Type Module**	**I/O Module**	1667-16ID1004	1667-16ID1201	1667-16ID1202	1667-16ID1203	1667-16ID1001	1667-16ID1210	1667-16ID1212	1667-16ID1210	1667-16ID1212
1746	24V DC	10…30V DC	Sink	1746-IB16	1492-CABLE⁎B	1492-CABLE⁎B	1492-CABLE⁎B	1492-CABLE⁎B	—	—	—	—	—
	48V DC	30…60V DC	Sink	1746-IC16	1492-CABLE⁎B	—	—	—	—	—	—	—	—
	120V DC	90…146V DC	Sink	1746-IH16	1492-CABLE⁎B	—	—	—	—	—	—	—	—
	24V DC	10…30V DC	Sink	1746-IN16	1492-CABLE⁎B	1492-CABLE⁎B	1492-CABLE⁎B	1492-CABLE⁎B	—	—	—	—	—
	24V DC	10…30V DC	Sink	1746-ITB16	1492-CABLE⁎B	1492-CABLE⁎B	1492-CABLE⁎B	1492-CABLE⁎B	—	—	—	—	—
	24V DC	10…30V DC	Source	1746-ITV16	—	—	—	—	1492-CABLE⁎B	1492-CABLE⁎B	1492-CABLE⁎B†	—	—
	24V DC	10…30V DC	Source	1746-IV16	—	—	—	—	1492-CABLE⁎B	1492-CABLE⁎B	1492-CABLE⁎B†	—	—
	24V DC	30…60V DC	Sink	1746-IB32	—	—	—	—	—	—	—	1492-CABLE⁎H	1492-CABLE⁎H
1756	12/24V DC	10…30V DC	Sink	1756-IB16	1492-CABLE⁎X	1492-CABLE⁎X	1492-CABLE⁎X	1492-CABLE⁎X	—	—	—	—	—
	48V DC	30…60V DC	Sink	1756-IC16	1492-CABLE⁎X	—	—	—	—	—	—	—	—
	24V DC	10…30V DC	Sink	1756-IB32	—	—	—	—	—	—	—	1492-CABLE⁎Z	1492-CABLE⁎Z
1769	24V DC	10…30V DC	Sink	1769-IQ16	1492-CAB⁎B69	1492-CAB⁎B69	1492-CAB⁎B69	1492-CAB⁎B69	—	—	—	—	—
	24V DC	10…30V DC	Source	1769-IQ16	—	—	—	—	1492-CAB⁎B69	1492-CAB⁎B69	1492-CAB⁎B69	—	—
1771	125V DC	70…138V DC	Sink	1771-IAD	1492-CABLE⁎F	—	—	—	—	—	—	—	—
	24V DC	10…30V DC	Sink	1771-IBD	1492-CABLE⁎F	1492-CABLE⁎F	1492-CABLE⁎F	1492-CABLE⁎F	—	—	—	—	—
	48V DC	20…60V DC	Sink	1771-ICD	1492-CABLE⁎F	1492-CABLE⁎F	—	—	—	—	—	—	—
	24V DC	9…30V DC	Sink	1771-IND	1492-CABLE⁎F	1492-CABLE⁎F	1492-CABLE⁎F	1492-CABLE⁎F	—	—	—	—	—
	24V DC	10…30V DC	Sink	1771-IBN	—	—	—	—	—	—	—	1492-CABLE⁎J	1492-CABLE⁎J
1794	24V DC	10…30V DC	Sink	1794-IB16	—	1492-CABLE⁎P‡	—	—	—	—	—	—	—
	48V DC	20…60V DC	Sink	1794-IC16	—	1492-CABLE⁎P‡	—	—	—	—	—	—	—
	24V DC	10…30V AC	Sink	1794-IB32	—	—	—	—	—	—	—	1492-CABLE⁎P†	1492-CABLE⁎P‡
	24V DC	10…30V AC	Source	1794-IV32	—	—	—	—	—	—	—	1492-CABLE⁎P†	1492-CABLE⁎P‡
Other DC PLC Input Modules					1492-CABLE⁎P	1492-CABLE⁎P	1492-CABLE⁎P	1492-CABLE⁎P	1492-CABLE⁎P	1492-CABLE⁎P	1492-CABLE⁎P	1492-CABLE⁎P	1492-CABLE⁎P

⁎ Cables are available in standard lengths of 0.5 m, 1.0 m, and 5.0 m. To order, insert the desired length code in the catalog number ("005" = 0.5 m, "010" = 1.0 m, "0.25" = 2.5 m, and "050" = 5 m). Example: 1492-CABLE005B is for a 0.5 m cable for the 1746-IB16 I/O module. 1492-CABLE⁎P has minimum length of 1.0 m.
† NOT compatible with Allen-Bradley Distribution Boxes 898D-P58PT-N12.
‡ Reference wiring to 1794 Flex I/O module in publication 1667-AT002A-EN-P

Table 2 - DC Input Systems NEMA 4, Continued

					DC Input			
				Main Connector Style	Metric M23			
				Connectors	12-pin			
				Distribution Box LEDs	Either with or without LEDs		With LEDs	Either with or without LEDs
				Input Points	16	16	16	16
					Cat. No.	Cat. No.	Cat. No.	Cat. No.
				Allen-Bradley	—	—	—	—
				Brad Harrison™ (Daniel Woodhead)	—	1667-16ID2206	1667-16ID2211	—
				Crouse-Hinds	—	—	—	—
				Lumberg	—	1667-16ID2206	1667-16ID2211	—
				Turck	1667-16ID2205	—	—	1667-16ID2213
System								
I/O System	Nominal	I/O Range	Type Module	I/O Module				
1746	24V DC	10…30V DC	Sink	1746-IB16	1492-CABLE∗B	1492-CABLE∗B	—	—
	48V DC	30…60V DC	Sink	1746-IC16	1492-CABLE∗B	1492-CABLE∗B	—	—
	120V DC	90…146V DC	Sink	1746-IH16	—	—	—	—
	24V DC	10…30V DC	Sink	1746-IN16	1492-CABLE∗B	1492-CABLE∗B	—	—
	24V DC	10…30V DC	Sink	1746-ITB16	1492-CABLE∗B	1492-CABLE∗B	—	—
	24V DC	10…30V DC	Source	1746-ITV16	—	—	1492-CABLE∗B	1492-CABLE∗B†
	24V DC	10…30V DC	Source	1746-IV16	—	—	1492-CABLE∗B	1492-CABLE∗B†
	24V DC	10…30V DC	Source	1746-IB32	—	—	—	—
1756	12/24V DC	10…30V DC	Sink	1756-IB16	1492-CABLE∗X	1492-CABLE∗X	—	—
	48V DC	30…60V DC	Sink	1756-IC16	1492-CABLE∗X	1492-CABLE∗X	—	—
	24V DC	10…30V DC	Source	1756-IB32	—	—	—	—
1769	24V DC	10…30V DC	Sink	1769-IQ16	1492-CAB∗B69	1492-CAB∗B69	—	—
	24V DC	10…30V DC	Source	1769-IQ16	—	—	1492-CAB∗B69	1492-CAB∗B69
1771	125V DC	70…138V DC	Sink	1771-IAD	—	—	—	—
	24V DC	10…30V DC	Sink	1771-IBD	1492-CABLE∗F	1492-CABLE∗F	—	—
	24V DC	10…30V DC	Source	1771-IBN	—	—	—	—
	48V DC	20…60V DC	Sink	1771-ICD	—	1492-CABLE∗F	—	—
	24V DC	9…30V DC	Sink	1771-IND	1492-CABLE∗F	1492-CABLE∗F	—	—
Other DC PLC Intput Modules					1492-CABLE∗P	1492-CABLE∗P	1492-CABLE∗P	1492-CABLE∗P

∗ Cables are available in standard lengths of 0.5 m, 1.0 m, and 5.0 m. To order, insert the code for the desired cable length into the cat. no. (005 = 0.5 m, 010 =1.0 m, 025 = 2.5 m, and 050 = 5 m). Example: **Cat. No. 1492-CABLE005B** is for a 0.5 m cable for the 1746-IB16 I/O module. 1492-CABLE∗P has minimum length of 1.0 m.

† NOT compatible with Allen-Bradley Distribution Boxes 898D-P58PT-N12.

PanelConnect™ Modules for Input/Output Connections

Selection Tables, Continued

Using Selection Tables to Make Valid Catalog Numbers

Configure the cable catalog number using 1492-CABLE∗ (for digital cables). See footnote∗ on the bottom of this page.

Table 3 — AC Output Systems NEMA 4

					AC Output		
			Main Connector Style		Mini-plus (1 1/8 in)		
			Connectors (2)		12-pin	12-pin	12-pin
			Connector Box LED's		Either with or without LEDs	With LEDs	With LEDs
			Output Points		16	16	16
					Cat. No.	**Cat. No.**	**Cat. No.**
			Allen-Bradley		1667-16OA1201	1667-16OA1202	1667-16OA1203
			Brad Harrison		1667-16OA1201	1667-16OA1202	1667-16OA1203
			Crouse-Hinds		1667-16OA1201	1667-16OA1202	1667-16OA1203
			Lumberg		1667-16OA1201	1667-16OA1202	1667-16OA1203
			Turck				
	System						
I/O System	**Nominal**	**I/O Range**	**Type Module**	**I/O Module**	—	—	—
1746	120/240V AV	85…265V AC	Source	1746-OA16	1492-CABLE∗C	—	—
	120/240V AC	85…265V AC	Source	1746-OW16	1492-CABLE∗D	—	—
1769	120/240V AC	85…265V AC	Source	1769-OW16	1492-CAB∗H69	—	—
	120/240V AC	85…265V AC	Source	1769-OA16	1492-CAB∗H69	—	—
1756	120/240V AC	74…265 V AC	Source	1756-OA16	—	1492-CABLE∗X	—
1771	120V AC	12…138 V AC	Source	1771-OAD	—	—	1492-CABLE∗F
	48V AC	10…60 V AC	Source	1771-OND	—	—	1492-CABLE∗F
1794	100/120V AC	85…132V AC	Sink	1794-OA16	1492-CABLE∗P†	1492-CABLE∗P†	—
Other AC PLC Output Modules					1492-CABLE∗P	1492-CABLE∗P	1492-CABLE∗P

∗ Cables are available in standard lengths of 0.5 m, 1.0 m, 2.5m, and 5 m. To order, insert the code for the desired cable length into the cat. no. (005 = 0.5 m, 010 =1.0 m, 025 = 2.5 m, and 050 = 5.0 m). Example: **Cat. No. 1492-CABLE005A** is for a 0.5 m cable for the 1746-IA16 I/O module. Also refer to Build-to-Order Length Cables, on page 12-129.

† For 1794 Flex I/O data refer to publication 1667-AT002A-EN-P.

Using Selection Tables to Make Valid Catalog Numbers

Configure the cable catalog number using 1492-CABLE∗ (for digital cables). See footnote∗ on this page.

Table 4 — DC Output Systems NEMA 4

					DC Output			
				Main Connector Style	Mini-plus (1 1/8 in.)			
				Connectors (2)	12-pin			
				Connector Box	Either with or without LEDs	With LEDs	With LEDs	Either with or without LEDs
				Output Points	16	16	16	16
					Cat. No.	**Cat. No.**	**Cat. No.**	**Cat. No.**
				Allen-Bradley	1667-16OD1201	—	—	1667-16OD1202
				Brad Harrison	—	—	1667-16OD1206	—
				Crouse-Hinds	—	—	—	—
				Lumberg	—	1667-16OD1204	—	—
				Turck	—	—	—	—
System								
I/O System	**Nominal**	**Range**	**Type Module**	**I/O Module**				
1746	24V DC	10…50V DC	Source	1746-OB16	1492-CABLE∗E	1492-CABLE∗E	1492-CABLE∗E	—
	24V DC	10…30V DC	Source	1746-OB16E	1492-CABLE∗E	1492-CABLE∗E	1492-CABLE∗E	—
	24V DC	20.4…26.4V DC	Source	1746-OB16P	1492-CABLE∗E	1492-CABLE∗E	1492-CABLE∗E	—
	24V DC	10…50V DC	Sink	1746-OV16	1492-CABLE∗E	—	1492-CABLE∗E	—
	24V DC	20.4…26.4V DC	Sink	1746-OV16P	1492-CABLE∗E	—	1492-CABLE∗E	—
	24V DC	5…125V DC	Source	1746-OW16	—	—	—	—
	24V DC	10…50V DC	Source	1746-OB32	—	—	—	—
	24V DC	10…30V DC	Source	1746-OB32E	—	—	—	—
	24V DC	10…50V DC	Sink	1746-OV32	—	—	—	—
1756	24V DC	10…31.2V DC	Source	1756-OB16E	—	—	—	1492-CABLE∗X
	24V DC	10…31.2V DC	Source	1756-OB32	—	—	—	—
1769	24V DC	20.4…26.4V DC	Source	1769-OB16	1492-CAB∗E69	1492-CAB∗E69	1492-CAB∗E69	—
	24V DC	20.4…26.4V DC	Sink	1769-OV16	1492-CAB∗E69	—	1492-CAB∗E69	—
	24V DC	5…125V DC	Source	1769-OW16	1492-CAB∗H69	—	—	—
1771	24V DC	10…50V DC	Source	1771-OBD	—	—	—	—
	24V DC	10…50V DC	Source	1771-OND	—	—	—	—
	24V DC	10…50V DC	Source	1771-OBN	—	—	—	—
	24V DC	10…50V DC	Sink	1771-OVN	—	—	—	—
1794	24V DC	10…50V DC	Source	1794-OB16	1492-CABLE∗P†	—	—	—
	24 V DC	10…50V DC	Source	1794-OB32	—	—	—	—
Other 16 Point DC PLC Output Modules					1492-CABLE∗P	1492-CABLE∗P	1492-CABLE∗P	1492-CABLE∗P
Other 32 Point DC PLC Output Modules					—	—	—	—

∗ Cables are available in standard lengths of 0.5 m, 1.0 m, 2.5m, and 5.0 m. To order, insert the code for the desired cable length into the cat. no. (005 = 0.5 m, 010 =1.0 m, 025 = 2.5 m, and 050 = 5.0 m). Example: **Cat. No. 1492-CABLE005A** is for a 0.5 m cable for the 1746-IA16 I/O module. Also refer to Build-to-Order Length Cables, on page 12-129.

† For 1794 Flex I/O data refer to publication 1667-AT002A-EN-P.

Table 4 — DC Output Systems NEMA 4, Continued

					DC Output			
			Main Connector Style		Mini-plus (1 1/8 in.)			
			Connectors (2)		12-pin			
			Connector Box		With LEDs	With LEDs	Either with or without LEDs	Either with or without LEDs
			Output Points		16	16	16	32
					Cat. No.	Cat. No.	Cat. No.	Cat. No.
			Allen-Bradley		—	—	1667-16OD1203	1667-16OD1201
			Brad Harrison		1667-16OD1207	—	—	—
			Crouse-Hinds		—	—	—	—
			Lumberg		—	1667-16OD1205	—	—
			Turck		—	—	—	—
System								
I/O System	Nominal	Range	Type Module	I/O Module				
1746	24V DC	10…50V DC	Source	1746-OB16	—	—	—	—
	24V DC	10…30V DC	Source	1746-OB16E	—	—	—	—
	24V DC	20.4…26.4V DC	Source	1746-OB16P	—	—	—	—
	24V DC	10…50V DC	Sink	1746-OV16	—	—	—	—
	24V DC	20.4…26.4V DC	Sink	1746-OV16P	—	—	—	—
	24V DC	5…125V DC	Source	1746-OW16	—	—	—	—
	24V DC	10…50V DC	Source	1746-OB32	—	—	—	1492-CABLE∗H
	24V DC	10…30V DC	Source	1746-OB32E	—	—	—	1492-CABLE∗H
	24V DC	10…50V DC	Sink	1746-OV32	—	—	—	1492-CABLE∗H
1756	24V DC	10…31.2V DC	Source	1756-OB16E	1492-CABLE∗X	1492-CABLE∗X	—	—
	24V DC	10…31.2V DC	Source	1756-OB32	—	—	—	1492-CABLE∗Z
1769	24V DC	20.4…26.4V DC	Source	1769-OB16	—	—	—	—
	24V DC	20.4…26.4V DC	Sink	1769-OV16	—	—	—	—
	24V DC	5…125V DC	Source	1769-OW16	—	—	—	—
1771	24V DC	10…50V DC	Source	1771-OBD	—	—	1492-CABLE∗F	—
	24V DC	10…50V DC	Source	1771-OND	—	—	—	—
	24V DC	10…50V DC	Source	1771-OBN	—	—	—	1492-CABLE∗L
	24V DC	10…50V DC	Sink	1771-OVN	—	—	—	1492-CABLE∗L
1794	24V DC	10…50V DC	Source	1794-OB16	—	—	—	—
	24 V DC	10…50V DC	Source	1794-OB32	—	—	—	1492-CABLE∗Q_
Other 16 Point DC PLC Output Modules					1492-CABLE∗P	1492-CABLE∗P	—	—
Other 32 Point DC PLC Output Modules					—	—	—	1492-CABLE∗Q

∗ Cables are available in standard lengths of 0.5 m, 1.0 m, 2.5m, and 5.0 m. To order, insert the code for the desired cable length into the cat. no. (005 = 0.5 m, 010 =1.0 m, 025 = 2.5 m, and 050 = 5.0 m). Example: **Cat. No. 1492-CABLE005A** is for a 0.5 m cable for the 1746-IA16 I/O module. Also refer to Build-to-Order Length Cables, on page 12-129.

Table 4 — DC Output Systems NEMA 4, Continued

					DC Output			
				Main Connector Style	Metric 23			
				Connectors (2)	12-pin			
				Connector Box	Either with or without LEDs	Either with or without LEDs	Either with or without LEDs	Either with or without LEDs
				Output Points	16	16	16	16
					Cat. No.	**Cat. No.**	**Cat. No.**	**Cat. No.**
				Allen-Bradley	—	—	—	—
				Brad Harrison	1667-16OD2201	—	—	1667-16OD2202
				Crouse-Hinds	—	—	—	—
				Lumberg	—	1667-16OD2201	—	1667-16OD2202
				Turck	—	—	1667-16OD2204	—
System								
I/O System	**Nominal**	**Range**	**Type Module**	**I/O Module**				
1746	24V DC	10…50V DC	Source	1746-OB16	1492-CABLE∗E	1492-CABLE∗E	1492-CABLE∗E	—
	24V DC	10…30V DC	Source	1746-OB16E	1492-CABLE∗E	1492-CABLE∗E	1492-CABLE∗E	—
	24V DC	20.4…26.4V DC	Source	1746-OB16P	1492-CABLE∗E	1492-CABLE∗E	1492-CABLE∗E	—
	24V DC	10…50V DC	Sink	1746-OV16	1492-CABLE∗E	—	1492-CABLE∗E	—
	24V DC	20.4…26.4V DC	Sink	1746-OV16P	1492-CABLE∗E	—	1492-CABLE∗E	—
	24V DC	5…125V DC	Source	1746-OW16	1492-CABLE∗D	—	1492-CABLE∗D	—
	24V DC	10…50V DC	Source	1746-OB32	—	—	—	—
	24V DC	10…30V DC	Source	1746-OB32E	—	—	—	—
	24V DC	10…50V DC	Sink	1746-OV32	—	—	—	—
1756	24V DC	10…31.2V DC	Source	1756-OB16E	—	—	—	1492-CABLE∗X
	24V DC	10…31.2V DC	Source	1756-OB32	—	—	—	—
1769	24V DC	20.4…26.4V DC	Source	1769-OB16	1492-CAB∗E69	1492-CAB∗E69	1492-CAB∗E69	—
	24V DC	20.4…26.4V DC	Sink	1769-OV16	1492-CAB∗E69	—	1492-CAB∗E69	—
	24V DC	5…125V DC	Source	1769-OW16	1492-CAB∗H69	—	1492-CAB∗H69	—
1771	24V DC	10…50V DC	Source	1771-OBD	—	—	—	—
	24V DC	10…50V DC	Source	1771-OND	—	—	—	—
	24V DC	10…50V DC	Source	1771-OBN	—	—	—	—
	24V DC	10…50V DC	Sink	1771-OVN	—	—	—	—
1794	24V DC	10…50V DC	Source	1794-OB16	—	—	—	—
	24 V DC	10…50V DC	Source	1794-OB32	—	—	—	—
Other 16 Point DC PLC Output Modules					1492-CABLE∗P	1492-CABLE∗P	1492-CABLE∗P	1492-CABLE∗P
Other 32 Point DC PLC Output Modules					—	—	—	—

∗ Cables are available in standard lengths of 0.5 m, 1.0 m, 2.5m, and 5.0 m. To order, insert the code for the desired cable length into the cat. no. (005 = 0.5 m, 010 =1.0 m, 025 = 2.5 m, and 050 = 5.0 m). Example: **Cat. No. 1492-CABLE005A** is for a 0.5 m cable for the 1746-IA16 I/O module. Also refer to Build-to-Order Length Cables, on page 12-129.

Table 4 — DC Output Systems NEMA 4, Continued

					DC Output		
				Main Connector Style	Metric 23		
				Connectors (2)	12-pin		
				Connector Box	Either with or without LEDs	With LEDs	Either with or without LEDs
				Output Points	16	16	16
					Cat. No.	**Cat. No.**	**Cat. No.**
				Allen-Bradley	—	—	—
				Brad Harrison	—	1667-16OD2203	—
				Crouse-Hinds	—	—	—
				Lumberg	—	—	1667-16OD2203
				Turck	1667-16OD2205	—	—
System							
I/O System	**Nominal**	**Range**	**Type Module**	**I/O Module**			
1746	24V DC	10…50V DC	Source	1746-OB16	—	—	—
	24V DC	10…30V DC	Source	1746-OB16E	—	—	—
	24V DC	20.4…26.4V DC	Source	1746-OB16P	—	—	—
	24V DC	10…50V DC	Sink	1746-OV16	—	—	—
	24V DC	20.4…26.4V DC	Sink	1746-OV16P	—	—	—
	24V DC	5…125V DC	Source	1746-OW16	—	—	—
	24V DC	10…50V DC	Source	1746-OB32	—	—	—
	24V DC	10…30V DC	Source	1746-OB32E	—	—	—
	24V DC	10…50V DC	Sink	1746-OV32	—	—	—
1756	24V DC	10…31.2V DC	Source	1756-OB16E	1492-CABLE∗X	—	—
	24V DC	10…31.2V DC	Source	1756-OB32	—	—	—
1769	24V DC	20.4…26.4V DC	Source	1769-OB16	—	—	—
	24V DC	20.4…26.4V DC	Sink	1769-OV16	—	—	—
	24V DC	5…125V DC	Source	1769-OW16	—	—	—
1771	24V DC	10…50V DC	Source	1771-OBD	—	1492-CABLE∗F	1492-CABLE∗F
	24V DC	10…50V DC	Source	1771-OND	—	—	1492-CABLE∗F
	24V DC	10…50V DC	Source	1771-OBN	—	—	—
	24V DC	10…50V DC	Sink	1771-OVN	—	—	—
1794	24V DC	10…50V DC	Source	1794-OB16	—	—	—
	24 V DC	10…50V DC	Source	1794-OB32	—	—	—
Other 16 Point DC PLC Output Modules					1492-CABLE∗P	1492-CABLE∗P	1492-CABLE∗P
Other 32 Point DC PLC Output Modules					—	—	—

∗ Cables are available in standard lengths of 0.5 m, 1.0 m, 2.5m, and 5.0 m. To order, insert the code for the desired cable length into the cat. no. (005 = 0.5 m, 010 =1.0 m, 025 = 2.5 m, and 050 = 5.0 m). Example: **Cat. No. 1492-CABLE005A** is for a 0.5 m cable for the 1746-IA16 I/O module. Also refer to Build-to-Order Length Cables, on page 12-129.

Using Selection Tables to Make Valid Catalog Numbers

Configure the cable catalog number using 1492-CABLE∗ (for digital cables). See footnote∗ on this page.

Table 5 — AC Output with Direct Connect to Pneumatic Valves

Main Connector Style	AC Output											
Connectors	Mini-plus (1 1/8 in)											
Valve Interface	12-pin											
Output Points	Valve Series		Valve Interface		Valve Interface Cable							
					16		16		16			
	Cat. No.		Cat. No.		Cat. No.		Cat. No.		Cat. No.			
Parker Hanifin	"F" Series Air Control Valve†		SCC122NB		▲		1667-16OA1201		1667-16OA1202		1667-16OA1203	
Festo	Midi/Maxi Pneumatic Valve		IMP2-03-1§		Build to order from Mfg.		1667-16OA1201		1667-16OA1202		1667-16OA1203	
Festo	Midi/Maxi Pneumatic Valve Manifold‡		IMP2-03-4§		Build to order from Mfg.		1667-16OA1201		1667-16OA1202		1667-16OA1203	
I/O System	System Nominal	I/O Range	Type Module	I/O Module								
1746	120V AC	120…240V AC	Source	1746-OA16	—	—	—	1492-CABLE∗C	—	—	—	—
1756	120V AC	85…265V AC	Source	1756-OA16	—	—	—	—	1492-CABLE∗X	—	—	—
1769	120V AC	74…265V AC	Source	1769-OA16	—	—	—	1492-CAB∗G69	—	—	—	—
1771	120V AC	10…138V AC	Source	1771-OAD	—	—	—	—	—	—	1492-CABLE∗F	—
1794	100/120V AC	85…132V AC	Source	1794-OA16	—	—	—	1492-CABLE∗P♣	—	—	—	—

∗ Cables are available in standard lengths of 0.5 m, 1.0 m, 2.5m, and 5.0 m. To order, insert the code for the desired cable length into the cat. no. (005 = 0.5 m, 010 =1.0 m, 025 = 2.5 m, and 050 = 5.0 m). Example: **Cat. No. 1492-CABLE005A** is for a 0.5 m cable for the 1746-IA16 I/O module. Also refer to Build-to-Order Length Cables, on page 12-129.
† Voltage Code 23 and 83 valve (120V AC).
‡ 120V AC Solenoid Valves only.
§ Maximum 8 outputs.
♣ For 1794 Flex I/O data refer to publication 1667-AT002A-EN-P.
▲ See Table 11 in Publication 1667-SG002C-EN-P

Table 6 — DC Output with Direct Connect to Pneumatic Valves

					DC Output						
Connectors					12-pin						
Main Connector Style					Mini-plus (1 1/8 in)				Metric 23		
Output Points					16	16	16	32	16	16	16
Valve Interface		Valve Series	Valve Interface Cat. No.	Valve Interface Cable Cat. No.	PanelConnect Catalog Number				PanelConnect Catalog Number		
Parker Hanifin		"F" Series Air Control Valve†	SCC122MB	➤See Table 11 in Publication 1667-SG002C-EN-P	1667-16OD1201	1667-16OD1202	1667-16OD1203	1667-32OD1201	—	—	—
Festo		Midi/Maxi Pneumatic Valve Manifold‡	IMP2-03-1§	Build to order from manufacturer	1667-16OD1201	1667-16OD1202	1667-16OD1203	1667-32OD1201	—	—	—
Festo		Midi/Maxi Pneumatic Valve Manifold‡	IMP2-03-4§	Build to order from manufacturer	1667-16OD1201	1667-16OD1202	1667-16OD1203	1667-32OD1201	—	—	—
Festo		"Compact Performance" Valve Manifold	CPV-...VI-MP§	Build to order from manufacturer	1667-16OD1201	1667-16OD1202	1667-16OD1203	1667-32OD1201	—	—	—
Festo		"Compact Performance" Valve Manifold	CPA-...-MP§	Build to order from manufacturer	1667-16OD1201	1667-16OD1202	1667-16OD1203	1667-32OD1201	—	—	—
Numatics		2005 Valve	AKP…§	Dist.	—	—	—	—	1667-16OD2204	1667-16OD2206	—
Numatics		2012 Valve	AKP…§	Dist.	—	—	—	—	1667-16OD2204	1667-16OD2206	—
Numatics		ISO5599/2 Valve	AKP…§	Dist.	—	—	—	—	1667-16OD2204	1667-16OD2206	—
System					PanelConnect Cable Catalog Number						
I/O System	Nominal	I/O Range	Type Module	I/O Module							
1746	24V DC	10…50V DC	Source	1746-OB16	1492-CABLE∗E	—	—	—	1492-CABLE∗E	—	—
	24V DC	10…30V DC	Source	1746-OB16E	1492-CABLE∗E	—	—	—	1492-CABLE∗E	—	—
	24V DC	20.4…26.4V DC	Source	1746-OBP16	1492-CABLE∗E	—	—	—	1492-CABLE∗E	—	—
	24V DC	10…50V DC	Source	1746-OB32	—	—	—	1492-CABLE∗H	—	—	—
	24V DC	10…30V DC	Source	1746-OB32E	—	—	—	1492-CABLE∗H	—	—	—
1756	24V DC	10…31.2V DC	Source	1756-OB16E	—	1492-CABLE∗X	—	—	—	1492-CABLE∗X	—
	24V DC	10…31.2V DC	Source	1756-OB32	—	—	—	1492-CABLE∗Z	—	—	—
1769	24V DC	20.4…26.4V DC	Source	1769-OB16	1492-CAB∗E69	—	—	—	1492-CAB∗E69	—	—
1771	24V DC	10…50V DC	Source	1771-OBD	—	—	1492-CABLE∗F	—	—	—	1492-CABLE∗F
	24V DC	10…50V DC	Source	1771-OBN	—	—	—	1492-CABLE∗L	—	—	—
1794	24V DC	10…50V DC	Source	1794-OB16	1492-CABLE∗P♣	—	—	—	1492-CABLE∗P♣	—	—

∗ Cables are available in standard lengths of 0.5 m, 1.0 m, 2.5m, and 5.0 m. To order, insert the code for the desired cable length into the cat. no. (005 = 0.5 m, 010 =1.0 m, 025 = 2.5 m, and 050 = 5.0 m). Example: **Cat. No. 1492-CABLE005A** is for a 0.5 m cable for the 1746-IA16 I/O module. Also refer to Build-to-Order Length Cables, on page 12-129.
† Voltage Code 19 Valve.
‡ 24V DC Solenoid Valves Only.
§ Maximum of 8 Outputs.
♣ For 1794 Flex I/O data refer to publication 1667-AT002A-EN-P.

The same information for Type 4 applies to Type 4X products as shown in Tables A, B, C, D, F, H, I, and J for Cables and Distribution Boxes.

Table 7 — Type 4X Input and Output Systems

Type 4X Module	Type 4 Module
1667-16IA1008X	1667-16IA1008
1667-16IA1207X	1667-16IA1207
*	1667-16IA2209
1667-16ID1004X	1667-16ID1004
1667-16ID1201X	1667-16ID1201
1667-16ID2205X	1667-16ID2205
*	1667-16ID2206
*	1667-16ID1001
*	1667-16ID2211
*	1667-16ID1212
*	1667-16ID2213
1667-16OA1201X	1667-16OA1201
1667-16OA1202X	1667-16OA1202
*	1667-16OA1203
*	1667-16OD1201
*	1667-16OD1202
*	1667-16OD1203
1667-16OD2201X	1667-16OD2201
1667-16OD2202X	1667-16OD2202
*	1667-16OD2203
*	1667-16OD2204
*	1667-16OD2205

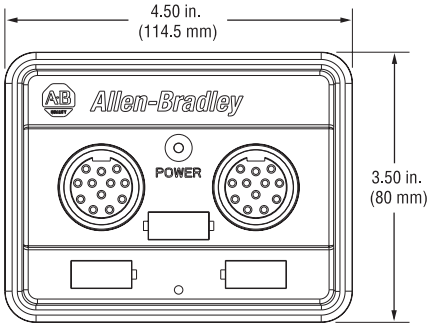
* Contact factory for availability.

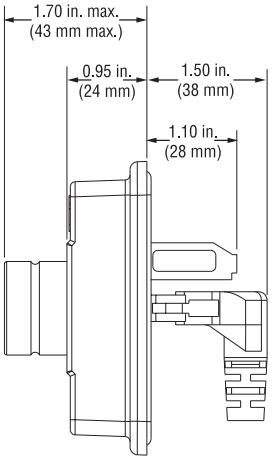
Approximate Dimensions

Dimensions are shown in inches (mm). Dimensions are not to be used for manufacturing purposes.

Input		
1667-16IA1008	1667-16ID1001	1667-16ID1212
1667-16IA1207	1667-16ID1004	1667-16ID2205
1667-16IA2209	1667-16ID1201	1667-16ID2206
		1667-16ID2211
		1667-16ID2213

Output		
1667-16OA1201	1667-16OD1201	1667-16OD2201
1667-16OA1202	1667-16OD1202	1667-16OD2202
1667-16OA1203	1667-16OD1203	1667-16OD2203
		1667-16OD2204
		1667-16OD2205





IEC Terminal Block Accessories

Mounting Rails
Mounting rails allow many blocks to be fastened in a panel with only a few screws to anchor the rail to the panel. Mounting rails allow easy installation and removal of a block in a row.

End Anchor/End Retainers
End anchors and end retainers mount at both ends of a group of terminal blocks to add rigidity to the terminal assembly and prevent sliding along the rails.

End Barriers
End barriers are required to provide the necessary insulation for the last terminal block in a group.

Side Jumpers
Side jumpers use the terminal block wire openings. Multi-pole jumpers can be cut into a smaller number of poles. Many jumpers carry 100% of rated terminal block current. The back of IEC style jumpers are insulated with plastic. An adjacent partition plate provides the necessary electrical spacings between adjacent jumpers or between exposed ends of cut jumpers.

Marking Systems
Various marking systems are available to simplify circuit identification. IEC blocks use snap-in markers. Markers are available in blank form for printing with the 1492 FastTrack™ printing system, hand writing, or custom printed for unique requirements. A group marking carrier for easy group terminal block identification is also available. Pre-printed, single-digit, alphanumeric marker tabs are also available for 1492-W products.

Printer System
Printing tool that is used to mark IEC terminal blocks and other Allen-Bradley products.

Partition Plates
Partition plates allow visual and electrical separation of terminal groups and provide the necessary electrical spacing between adjacent insulated jumpers or between exposed ends of cut jumpers.

Separation Plates
Separation plates consist of flexible thermoplastic material and are used between terminal blocks to isolate adjacent center jumpers both visually and electrically. Separation plates must be used between adjacent center jumpers to obtain full rated isolation voltage.

Center Jumpers — Screw Type
These center jumpers are insulated and are available in 2-…50-pole configurations. They mount without screws into the both Spring-Clamp terminal blocks and some screw terminal blocks.

Note: The following rules apply when going across different potentials with jumpers cut out.
1. Always de-rate to 400V
2. Always use a partition plate where a cut jumper strip may leave a live end exposed

Center Jumpers — Screwless Type
These center jumpers are insulated and are available in 2-…50-pole configurations. They mount without screws into the both Spring-Clamp terminal blocks and some screw terminal blocks.

Note: When using multiple screwless jumpers in 1492-J3, 1492-J2Q, or 1492-J4 terminal blocks, the following rules apply when going across different potentials with jumpers cut out.
1. When using all 3 channels, or 2 side-by-side channels, de-rate to 125V
2. When using 2 outside channels (leaving the center channel open), de-rate to 400V
3. Always use a partition plate where a cut jumper strip may leave a live end exposed

Center Jumper Covers
Center jumper covers can be used as an extruded marking surface for circuit identification.

Test Plug Sockets — Screw Terminal Blocks
The sockets fit into the center bridge screw hole and allow easy connection of test plugs for circuit testing and troubleshooting.

Test Plugs — Spring-Clamp Terminal Blocks
2-…12-pole Quick Connection Euro style plugs.

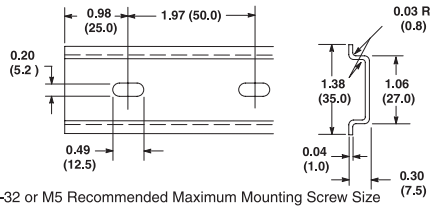
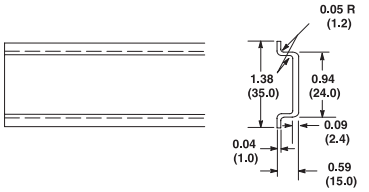
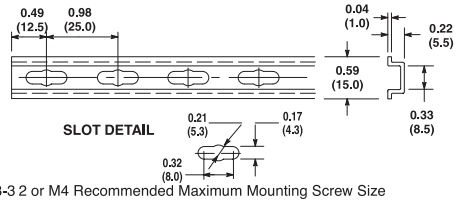
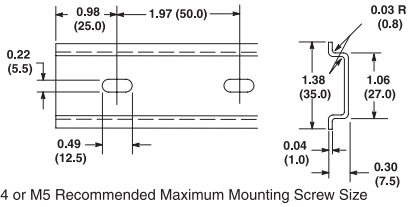
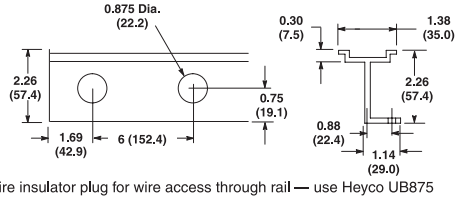
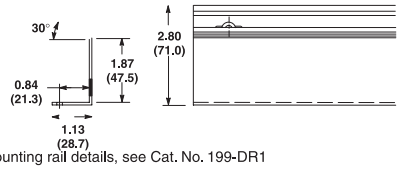
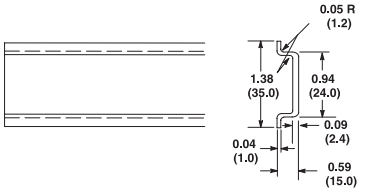
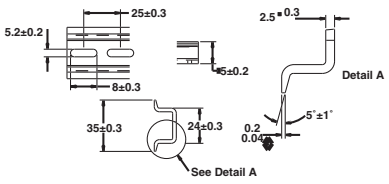
Operating Instructions — Spring-Clamp Terminal Blocks
Cat. No. 1492-QCLABEL is an adhesive set of visual operating instructions that is intended for installation on the inside of a panel. It illustrates to maintenance personnel the correct operation of Spring-Clamp terminal blocks.

Insulation Stops — Spring-Clamp Terminal Blocks
Protective insulation stops prevent the insulation on conductors from being introduced into clamp and current bar area.

Warning Plates
Warning plates provide visual identification for high voltage applications.

Agency Approvals
In general, accessories for terminal blocks are not eligible for recognition by UL, CSA, or other third party approval aggencies. The suitability of the installation must be judged in the end use application due to the wide variety of possible uses. However, accessories are designed to meet, and are tested to, the terminal block assembly requirements such as electrical spacings, etc.

DIN Mounting Rails

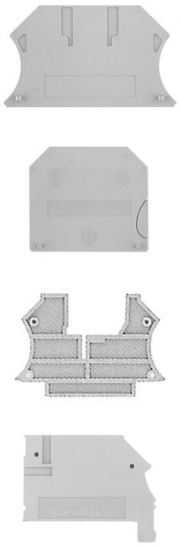
Item	Description	Pcs./Pkg.	Dimensions*
199-DR1 	Symmetrical Rail 35 mm x 15 mm 3.28' (1 m) long Zinc-Plated, Yellow Chromated Steel EN50022 **DIN #3**	10	 #10–32 or M5 Recommended Maximum Mounting Screw Size
199-DR2	Same as 199-DR1, but length = 2 m	100	
199-DR4 	Heavy Duty Symmetrical Rail 35 mm x 15 mm 3.28' (1 m) long Zinc-Plated, Yellow Chromated Steel EN50022 **DIN #3**	5	
199-DR3 	Mini 15 mm x 5.5 mm Rail 3.28' (1 m) long Zinc-Plated, Yellow Chromated Steel EN50045 **DIN #2**	5	 #8-3 2 or M4 Recommended Maximum Mounting Screw Size
1492-DR5 	Symmetrical Rail 35 mm x 7.5 mm 3.28' (1 m) long Copper-Free Aluminum EN50022 For 1492 Terminal Blocks Only **DIN #2**	10	 #12–24 or M5 Recommended Maximum Mounting Screw Size
1492-DR6† 	Symmetrical Rail 35 mm x 7.5 mm 2.26" (57.4 mm) high 3.28' (1 m) long Copper-Free Aluminum For 1492 Terminal Blocks Only **DIN #3**	2	 Wire insulator plug for wire access through rail — use Heyco UB875
1492-DR7† 	Symmetrical Rail 35 mm x 7.5 mm 2.80" (71.0 mm) high 3.28' (1 m) long Angled 30° Zinc-Plated, Chromated Steel **DIN #3**	2	 For mounting rail details, see Cat. No. 199-DR1
1492-DR8 	Symmetrical Rail 35 mm x 7.5 mm 2.80" (71.0 mm) high 3.28' (1 m) long Copper **DIN #3**	2	
1492-DR9 	Symmetrical Rail 35 mm x 15 mm 3.28' (1 m) long Zinc-Plated, Yellow Chromated Steel EN50022 **DIN #3**	2	

* Dimensions shown in inches (millimeters). Dimensions are not intended to be used for manufacturing purposes.
† 0.218 in (5.5 mm) x 0.50 in (12.7 mm) slotted mounting holes every 3 in (76.2 mm) starting 1.69 in (42.9 mm) from end.

IEC Terminal Block Accessories

End Barriers

For Screw Type Products



Dimensions Width x Length x Height	Used With	Color	Cat. No.	Pcs/Pkg
0.06 x 1.31 x 2.36 in (1.5 x 33.35 x 60 mm)	1492-J3, J4, J6, J10, J2Q, J3TW, J4M, J3F, JG2Q, JG3, JG3TW, JKD3, JKD3TP, J3P, J3PTP, JTC3…	Gray	1492-EBJ3	50
		Blue	1492-EBJ3-B	50
		Yellow	1492-EBJ3-Y	50
0.06 x 1.93 x 2.36 in (1.5 x 49 x 60 mm)	1492-J16, J35	Gray	1492-EBJ16	20
		Blue	1492-EBJ16-B	20
		Yellow	1492-EBJ16-Y	20
0.06 x 2.15 x 2.72 in (1.5 x 54.5 x 69 mm)	1492-JD3, JD3C, JD3F, JD3DF, JD3DR, JD3RB…, JD3RC001, JD3SS	Gray	1492-EBJD3	20
		Blue	1492-EBJD3-B	20
		Yellow	1492-EBJD3-Y	20
0.06 x 1.31 x 2.36 in (1.5 x 33.35 x 60 mm)	1492-JPO	Gray	1492-EBJO	20
0.10 x 1.45 x 1.77 in (2.5 x 36.7 x 45 mm)	1492-JC3	Gray	1492-BKJC3	10 Start Barriers / 10 End Barriers
0.10 x 1.78 x 2.28 in (2.5 x 45.2 x 58 mm)	1492-JDC3	Gray	1492-BKJDC3	10 Start Barriers / 10 End Barriers
0.06 x 3.15 x 2.31 in (1.5 x 80.2 x 58.8 mm)	1492-JD3P, JD3PTP, JD3PSS, JD3PSSTP, JDG3P, JDG3PTP, JDG3PSS, JDG3PSSTP	Gray	1492-EBJD3P	20
0.06 x 1.10 x 0.97 in (1.5 x 28 x 24.6 mm)	1492-WM3	Gray	1492-EBM3	50
0.06 x 1.22 x 1.09 in (1.5 x 31 x 27.7 mm)	1492-WM4	Gray	1492-EBM4	50
0.06 x 1.65 x 1.32 in (1.5 x 42 x 33.5 mm)	1492-WMD1	Gray	1492-EBMD1	50
0.06 x 1.46 x 1.38 in (1.5 x 37 x 35 mm)	1492-W3, W4, WG4	Gray	1492-EB3	50
		Yellow	1492-EB3-Y	50
0.06 x 1.77 x 1.61 in (1.5 x 45 x 41 mm)	1492-W6, W10, W16S, WG6, WG10S, WG16S	Gray	1492-EB10	50
		Yellow	1492-EB10-Y	50
0.06 x 1.65 x 2.19 in (1.5 x 42 x 55.5 mm)	1492-WR3	Gray	1492-EBR3	50
0.06 x 1.79 x 1.64 in (1.5 x 45.4 x 41.6 mm)	1492-W4TW	Gray	1492-EB3TW	50
0.06 x 3.51 x 1.74 in (1.5 x 89.1 x 44.1 mm)	1492-WTF3…	Gray	1492-EBTF3	50
0.06 x 2.61 x 1.74 in (1.5 x 66.2 x 44.1 mm)	1492-WTS3…	Gray	1492-EBTS3	50
0.11 x 2.81 x 1.96 in (2.8 x 71.4 x 49.8 mm)	1492-H4, H5, H6, H7	Black	1492-N37	50

For Spring-Clamp Products

Dimensions Width x Length x Height	Used With	Color	Cat. No.	Pcs/ Pkg
0.08 x 1.14 x 2.03 in (2 x 28.9 x 51.5 mm)	1492-L2, LG2	Gray	1492-EBL2	50
		Blue	1492-EBL2-B	50
		Yellow	1492-EBL2-Y	50
0.08 x 1.14 x 2.48 in (2 x 28.9 x 63 mm)	1492-L2T, LG2T	Gray	1492-EBL2T	50
		Blue	1492-EBL2T-B	50
		Yellow	1492-EBL2T-Y	50
0.08 x 1.14 x 2.95 in (2 x 28.9 x 75 mm)	1492-L2Q, LG2Q	Gray	1492-EBL2Q	50
		Blue	1492-EBL2Q-B	50
		Yellow	1492-EBL2Q-Y	50
0.08 x 1.15 x 2.34 in (2 x 29.1 x 59.5 mm)	1492-L3, LG3, LKD3, L3P	Gray	1492-EBL3	50
		Blue	1492-EBL3-B	50
		Yellow	1492-EBL3-Y	50
0.08 x 1.20 x 2.54 in (2 x 30.6 x 64.5 mm)	1492-L3T, LG3T	Gray	1492-EBL3T	50
		Blue	1492-EBL3T-B	50
		Yellow	1492-EBL3T-Y	50
0.08 x 1.20 x 3.11 in (2 x 30.6 x 79 mm)	1492-L3Q, L3QS, LG3Q	Gray	1492-EBL3Q	50
		Blue	1492-EBL3Q-B	50
		Yellow	1492-EBL3Q-Y	50
0.08 x 1.37 x 2.44 in (2 x 34.85 x 62 mm)	1492-L4, LG4	Gray	1492-EBL4	50
		Blue	1492-EBL4-B	50
		Yellow	1492-EBL4-Y	50
0.08 x 1.37 x 3.31 in (2 x 34.85 x 84 mm)	1492-L4T, LG4T	Gray	1492-EBL4T	50
		Blue	1492-EBL4T-B	50
		Yellow	1492-EBL4T-Y	50
0.08 x 1.37 x 4.13 in (2 x 34.85 x 105 mm)	1492-L4Q, LG4Q	Gray	1492-EBL4Q	50
		Blue	1492-EBL4Q-B	50
		Yellow	1492-EBL4Q-Y	50
0.08 x 1.45 x 2.56 in (2 x 36.95 x 65 mm)	1492-L6, LG6	Gray	1492-EBL6	50
		Blue	1492-EBL6-B	50
		Yellow	1492-EBL6-Y	50
0.08 x 1.45 x 3.54 in (2 x 36.95 x 90 mm)	1492-L6T, LG6T	Gray	1492-EBL6T	50
		Blue	1492-EBL6T-B	50
		Yellow	1492-EBL6T-Y	50
0.12 x 1.67 x 2.89 in (3 x 42.5 x 73.5 mm)	1492-L10, LG10	Gray	1492-EBL10	20
		Blue	1492-EBL10-B	20
		Yellow	1492-EBL10-Y	20
0.12 x 1.71 x 3.25 in. (3 x 43.5 x 82.5 mm)	1492-L16, LG16	Gray	1492-EBL16	20
		Blue	1492-EBL16-B	20
		Yellow	1492-EBL16-Y	20
0.08 x 1.65 x 2.95 in. (2 x 41.9 x 75 mm)	1492-LD2, LDG2, LD2C, LDG2C	Gray	1492-EBLD2	50
		Blue	1492-EBLD2-B	20
		Yellow	1492-EBLD2-Y	20
0.08 x 1.87 x 2.85 in (2 x 47.5 x 72.5 mm)	1492-LD3, LD3C, LDG3, LDG3C	Gray	1492-EBLD3	20
		Blue	1492-EBLD3-B	20
		Yellow	1492-EBLD3-Y	20
0.08 x 2.05 x 2.99 in (2 x 52 x 76 mm)	1492-LD4, LD4C, LDG4, LDG4C, LD4DF, LD4DR, LD4RB..., LD4SS	Gray	1492-EBLD4	20
		Blue	1492-EBLD4-B	20
		Yellow	1492-EBLD4-Y	20

For Spring-Clamp Products, Continued

Dimensions Width x Length x Height	Used With	Color	Cat. No.	Pcs/ Pkg
0.20 x 0.94 x 1.31 in (5.1 x 23.8 x 33.3 mm)	1492-LMP3, LMP3Q	Gray	1492-EBLMP3	50
		Blue	1492-EBLMP3-B	50
0.20 x 0.94 x 1.31 in (5.1 x 23.8 x 33.3 mm)	1492-LM3, LM3Q, LMG3, LMP3E, LMP3QE	Gray	1492-EBLM3	50
		Blue	1492-EBLM3-B	50
		Yellow	1492-EBLM3-Y	50
0.06 x 0.97 x 1.38 in (1.5 x 24.65 x 35 mm)	1492-LMJ3, LMJG3	Gray	1492-EBLMJ3	50
		Blue	1492-EBLMJ3-B	50
		Yellow	1492-EBLMJ3-Y	50
0.06 x 2.32 x 4.35 in (1.5 x 59 x 110.5 mm)	1492-LTF3	Gray	1492-EBLTF3	20
0.06 x 2.69 x 1.77 in (5 x 68.5 x 45 mm)	1492-LS2-3, LS2-3L, LSG2-3	Gray	1492-EBLS2-3	50
0.20 x 3.2 x 1.77 in (5 x 81.5 x 45 mm)	1492-LS2-4, LS2-4L, LSG2-4	Gray	1492-EBLS2-4	50
0.06 x 1.81 x 3.74 in (1.5 x 46 x 95 mm)	1492-LDAG3, LDG3P	Gray	1492-EBLDAG3	20
0.10 x 1.04 x 1.81 in (2.5 x 26.4 x 46 mm)	1492-LC3	Gray	1492-EBLC3	20
0.10 x 1.65 x 2.72 in (2.5 x 41.85 x 69 mm)	1492-LDC3	Gray	1492-EBLDC3	20

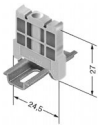
For Insulation Displacement Products

Dimensions Width x Length x Height	Used With	Color	Cat. No.	Pcs/ Pkg
0.08 x 2.34 x 1.28 in (2 x 59.5 x 32.5 mm)	1492-K2, KG2, KW2, KWG2	Gray	1492-EBK2	50
		Blue	1492-EBK2-B	
		Yellow	1492-EBK2-Y	
0.08 x 3.09 x 1.28 in (2 x 78 x 32.5 mm)	1492-K2T, KG2T, K2KD, K2P	Gray	1492-EBK2T	50
		Blue	1492-EBK2T-B	
		Yellow	1492-EBK2T-Y	
0.08 x 3.68 x 1.28 in (2 x 93.5 x 32.5 mm)	1492-K2Q, KG2Q	Gray	1492-EBK2Q	50
		Blue	1492-EBK2Q-B	
		Yellow	1492-EBK2Q-Y	
0.08 x 3.94 x 1.79 in (2 x 100 x 45.5 mm)	1492-KD2, KD2DR, KD2DF, KD2SS, KD2C	Gray	1492-EBK2D	50
		Blue	1492-EBK2D-B	
0.08 x 2.61 x 1.50 in (2 x 66.4 x 38.1 mm)	1492-K3, KG3, KW3, KWG3	Gray	1492-EBK3	50
		Blue	1492-EBK3-B	
		Yellow	1492-EBK3-Y	
0.08 x 3.46 x 1.50 in (2 x 66.4 x 38.1 mm)	1492-K3T, KG3T, K3KD, K3P	Gray	1492-EBK3T	50
		Blue	1492-EBK3T-B	
		Yellow	1492-EBK3T-Y	
0.08 x 4.17 x 1.50 in (2 x 66.4 x 38.1 mm)	1492-K3Q, KG3Q	Gray	1492-EBK3Q	50
		Blue	1492-EBK3Q-B	
		Yellow	1492-EBK3Q-Y	

IEC Terminal Block Accessories

End Anchors and End Retainers/Partition Plates/Separation Plates

End Anchors and End Retainers

Photo	Dimensions Width x Length x Height	Tightening Torque	Markers	Used With	Color	Cat. No.	Pcs/ Pkg
	0.31 x 2.20 x 1.85 in (8 x 56 x 47 mm)	4.4 lb•in (0.5 Nm)	1492-M7X12 1492-M8X5	199-DR1, 199-DR2, 1492-DR4, 1492-DR5, 1492-DR6, 1492-DR7, 1492-DR8, 1492-DR9	Gray	1492-EAJ35	100
	0.48 x 2.20 x 2.48 in (12.2 x 56 x 63 mm)	4.4 lb•in (0.5 Nm)	1492-M7X12 1492-M5X5	199-DR1, 199-DR2, 1492-DR4, 1492-DR5, 1492-DR6, 1492-DR7, 1492-DR8, 1492-DR9	Gray	1492-EAHJ35	50
	0.31 x 1.06 x 1.06 in (8 x 27 x 27 mm)	3.5 lb•in (0.9 Nm)	1492-M5X5	1492-DR3	Gray	1492-EAJ15	50
	0.24 x 2.19 x 1.63 in (6 x 55.6 x 41.5 mm)	—	1492-M5X10 1492-M5X5	199-DR1, 199-DR2, 1492-DR4, 1492-DR5, 1492-DR6, 1492-DR7, 1492-DR8, 1492-DR9	Gray	1492-ERL35	20
	0.20 x 0.96 x 0.75 in (5 x 24.5 x 19 mm)	—	1492-M5X10 1492-M5X5	1492-DR3	Gray	1492-ERL15	20

Partition Plates

Dimensions Width x Length x Height	Used With	Color	Cat. No.	Pcs/ Pkg
0.005 x 3.15 x 2.48 in (0.13 x 80 x 63 mm)	1492-JD3, JD3C, JD3F, JD3DF, JD3DR, JD3RB…, JD3RC…, JD3SS	Gray	1492-PPJD3	20
0.005 x 3.54 x 2.51 in (0.13 x 90.1 x 63.8 mm)	1492-JD3P…, JDG3P…	Natural	1492-PPJD3P	20
0.08 x 1.57 x 1.20 in (2 x 40 x 30.5 mm)	1492-WM3, WM4, WMG3, WMG4	Gray	1492-PPM3	50
0.014 x 2.28 x 1.51 in (0.35 x 58 x 38.3 mm)	1492-WMD1	Gray	1492-PPMD1	50
0.06 x 1.85 x 1.57 in (1.5 x 47 x 40 mm)	1492-W3, W4, WG4	Gray	1492-PP3	50
0.06 x 2.17 x 1.81 in (1.5 x 55 x 46 mm)	1492-W6, W10, W16S, W4TW, WG6, WG10S, WG16S	Gray	1492-PP10	50
0.014 x 2.88 x 1.85 in (0.35 x 73.2 x 47.1 mm)	1492-WTF3…, WTS3…	Natural	1492-PPTS3	50
0.06 x 1.93 x 2.36 in (1.5 x 49 x 60 mm)	1492-J3, J4, J6, J10, J2Q, J3TW, J3F, JG2Q, JG3, JG3TW, JKD3, JKD3TP, J3P, J3PTP, JTC3	Gray	1492-EBJ16	20
		Blue	1492-EBJ16-B	20
		Yellow	1492-EBJ16-Y	20

Separation Plates

Dimensions Width x Length x Height	Used With	Color	Cat. No.	Pcs/ Pkg
0.014 x 1.76 x 1.57 in (0.35 x 44.8 x 40.0 mm)	1492-W3, W4	Natural	1492-SP3	50

Used On	Cat. No.	Pcs/Pkg
1492-J3, JD3..., JDG3..., J2Q, J3TW, J3F, JD3F	1492-CJJ5-2	50
	1492-CJJ5-3	50
	1492-CJJ5-4	50
	1492-CJJ5-10	20
1492-J4, J4M	1492-CJJ6-2	50
	1492-CJJ6-3	50
	1492-CJJ6-4	50
	1492-CJJ6-10	20
1492-J6	1492-CJJ8-2	50
	1492-CJJ8-3	50
	1492-CJJ8-4	50
	1492-CJJ8-10	20
1492-J10	1492-CJJ10-2	50
	1492-CJJ10-3	50
	1492-CJJ10-4	50
	1492-CJJ10-10	20
1492-J16	1492-CJJ12-2	20
	1492-CJJ12-3	20
	1492-CJJ12-4	20
	1492-CJJ12-10	10
1492-J35	1492-CJJ16-2	20
	1492-CJJ16-3	20
	1492-CJJ16-4	20
	1492-CJJ16-10	10
1492-J50	1492-CJJ18-2	10
	1492-CJJ18-3	10
	1492-CJJ18-4	10
1492-J70	1492-CJJ20-2	5
	1492-CJJ20-3	5
	1492-CJJ20-4	5
1492-WM3	1492-CJM5-2	10
	1492-CJM5-3	10
	1492-CJM5-4	10
	1492-CJM5-5	10
	1492-CJM5-10	10
1492-W3, WM3, WR3, WTF3..., WTS3...	1492-CJL5 (Link)	10
1492-WR3	1492-CJD5-50	5
	1492-CJD5-2	10
	1492-CJD5-3	10
	1492-CJD5-4	10
	1492-CJD5-5	10
	1492-CJD5-10	10

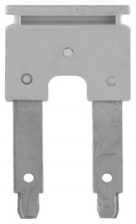
Note: Notching out one or more jumper poles, with the notched jumpers going across different potentials, will require de-rating to 400V.

Used On	Cat. No.	Pcs/Pkg
1492-WM4	1492-CJD6-50	5
	1492-CJD6-2	10
	1492-CJD6-3	10
	1492-CJD6-4	10
	1492-CJD6-5	10
	1492-CJD6-10	10
1492-WM4, W4TW	1492-CJLD6 (Link)	10
1492-W3	1492-CJ5-2	10
	1492-CJ5-3	10
	1492-CJ5-10	10
	1492-CJCW5 (CJ Cover)*	20
1492-WTF3..., WTS3...	1492-CJT5-50	5
	1492-CJT5-2	10
	1492-CJT5-3	10
	1492-CJT5-4	10
	1492-CJT5-5	10
	1492-CJT5-10	10
1492-W4, W4TW	1492-CJ6-50	5
	1492-CJ6-2	10
	1492-CJ6-3	10
	1492-CJ6-4	10
	1492-CJ6-5	10
	1492-CJ6-10	10
1492-W4	1492-CJL6 (Link)	10
1492-W4, W6, W10	1492-CJCW6 (CJ Cover)*	20
1492-W6	1492-CJ7-40	5
	1492-CJ7-2	10
	1492-CJ7-3	10
	1492-CJ7-4	10
	1492-CJ7-5	10
	1492-CJ7-10	10
1492-W6	1492-CJL7 (Link)	10
1492-W10	1492-CJ8-40	5
	1492-CJ8-2	10
	1492-CJ8-3	10
	1492-CJ8-4	10
	1492-CJ8-5	10
	1492-CJ8-10	10
1492-W10	1492-CJL8 (Link)	10
1492-W16S	1492-CJS11-2	10
	1492-CJS11-3	10
	1492-CJS11-4	10
	1492-CJS11-5	10
	1492-CJS11-10	10

* May only be used as a marking surface. May not be installed over center jumper.

IEC Terminal Block Accessories

Screwless Center Jumpers/Side Jumpers/Two-Level Jumper



Screwless Center Jumpers

Used On	Cat. No.	Pcs/Pkg
1492-L2..., L2T, L2Q, LD2, LD2C	1492-CJL4-2	60
	1492-CJL4-3	60
	1492-CJL4-4	60
	1492-CJL4-5	60
	1492-CJL4-10	20
1492-LMJ3, LC3, LDC3, LDAG3, LDG3P, JKD3..., J3P..., J3 (see Note)	1492-CJLJ5-2	60
	1492-CJLJ5-3	60
	1492-CJLJ5-4	60
	1492-CJLJ5-5	20
	1492-CJLJ5-6	20
	1492-CJLJ5-7	20
	1492-CJLJ5-8	20
	1492-CJLJ5-9	20
	1492-CJLJ5-10	20
	1492-CJLJ5-50	10
1492-J4, J4M (see Note)	1492-CJLJ6-2	60
	1492-CJLJ6-3	60
	1492-CJLJ6-4	60
	1492-CJLJ6-10	20
	1492-CJLJ6-41	10
1492-L6, L6T, L16D	1492-CJL8-2	60
	1492-CJL8-3	60
	1492-CJL8-4	60
	1492-CJL8-32	10
1492-L10	1492-CJL10-2	25
1492-L16	1492-CJL12-2	25
1492-L35	1492-CJL16-2	10
1492-L3, L3T, L3Q, L3P, LD3, LD3C, LKD3, LTF3, LS2..., L16D, K2, K2T, K2Q, K2KD, K2P, KD2, KD2D, KD2C, KD3DR, KD2SS, KW2	1492-CJK5-2	60
	1492-CJK5-3	60
	1492-CJK5-4	60
	1492-CJK5-5	20
	1492-CJK5-6	20
	1492-CJK5-7	20
	1492-CJK5-8	20
	1492-CJK5-9	20
	1492-CJK5-10	20
	1492-CJK5-50	10
1492-L4, L4T, L4Q, LD4DF, LD4DR, LD4SS, LD4RB, LD4, LD4C, L16D, K3, K3T, K3Q, K3KD, K3P, KW3	1492-CJK6-2	60
	1492-CJK6-3	60
	1492-CJK6-4	60
	1492-CJK6-5	20
	1492-CJK6-6	20
	1492-CJK6-7	20
	1492-CJK6-8	20
	1492-CJK6-9	20
	1492-CJK6-10	20

Screwless Center Jumpers, Continued

Used On	Cat. No.	Pcs/Pkg
1492-RFB4	1492-CJR8-2	10
	1492-CJR8-3	10
	1492-CJR8-4	10
	1492-CJR8-5	10
	1492-CJR8-6	10
	1492-CJR8-7	10
	1492-CJR8-8	10
	1492-CJR8-9	10
	1492-CJR8-10	10
1492-RAFB4	1492-CJRA10-2	10
	1492-CJRA10-3	10
	1492-CJRA10-4	10
	1492-CJRA10-5	10

Side Jumpers

Cat. No.	Pcs/Pkg
1492-SJ5A-10	50
1492-SJ5A-24	50
1492-SJ5B-10	50
1492-SJ5B-24	50
1492-SJLM5-2	50
1492-SJM5-10	10
1492-SJ5-10	10
1492-N42 (2-Pole)	50
1492-SJ6-10	10
1492-SJ8-10	10
1492-SJMD5-12	10
1492-N49 (10-Pole Uninsulated)	10
1492-SJFB8-10	10
1492-SJS (Side Jumper Insulating Sleeve)	10

Two-Level Jumper (Connects Two Levels within a 1492-LTF3 Terminal Block)

Cat. No.	Pcs/Pkg
1492-CJL5D	20

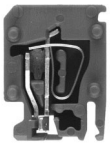
Note: When using multiple screwless jumpers in 1492-J3, -J2Q, or -J4 terminal blocks, the following rules apply when going across different potentials with jumpers cut out.
1. When using all 3 channels, or 2 side-by-side channels, de-rate to 125V
2. When using 2 outside channels (leaving the center channel open), de-rate to 400V

Plug-In and Sensor Connection Blocks

Plug-In Connection Blocks

Photo	Wire Range	Tightening Torque	Used On	Cat. No.	Pcs/ Pkg
	#22… #12 AWG (2.5 mm²)	3.5… 4.4 lb.-in (0.4… 0.5 Nm)	1492-JC3, JDC3, LC3, LDC3	1492-QP5-2	100
				1492-QP5-3	100
				1492-QP5-4	100
				1492-QP5-5	50
				1492-QP5-6	50
				1492-QP5-7	50
				1492-QP5-8	50
				1492-QP5-9	50
				1492-QP5-10	50
				1492-QP5-11	50
				1492-QP5-12	50

Sensor Connection Blocks

Photo	Color	Wire Range	Used On	Cat. No.	Pcs/ Pkg
	Brown	#26… #14 AWG (1.5 mm²)	1492-LS2-3, LS2-3L, LSG2-3, LS2-4, LS2-4L, LSG2-4	1492-LS2-BR	100
	Blue			1492-LS2-B	100
	Green			1492-LSG2	100

Test Plug Sockets, Test Plugs, Test Plug Adapters, and Test Adapters

Sockets*

Photo	Cat. No.	Pcs/ Pkg
	1492-TPS23	20
	1492-TPS23L	50
	1492-TPS4L	50

* Required for testing Cat. No. 1492-J products with Cat. 1492-TP23 or 1492-TP40 test plugs.

Test Plugs

Photo	Cat. No.	Pcs/ Pkg
 PS 2.3 018040	1492-TP23†	20
 PS4 029960	1492-TP40‡	20
	1492-TP28	10

† Used in conjunction with Cat. No. 1492-TPS23 or 1492-TPS23L test sockets.
‡ Used in conjunction with Cat. No. 1492-TPS4L socket.

Test Plug Adapters

Photo	Cat. No.	Pcs/ Pkg
	1492-TA285	10
	1492-TA40	10
	1492-TA40L	10

Test Plugs (Stackable)

Photo	Markers§	Cat. No.	Pcs/ Pkg
	1492-M5X10, M5X5	1492-TPJ5	25
	1492-M5X10, M5X5	1492-TPJ6	25
	1492-M3X12, M3X5	1492-TPL4	25
	1492-M5X10, M5X5	1492-TPL5	25
	1492-M5X10, M5X5	1492-TPL6	25
	1492-M5X10, M5X5	1492-TPL8	25
	1492-SM5X10	1492-TPK2	25
		1492-TPK2E (End Piece, without Nibs)	25
	1492-SM6X10	1492-TPK3	25
		1492-TPK3E (End Piece, without Nibs)	25

§ Marker cover screws.

IEC Terminal Block Accessories

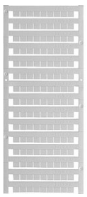
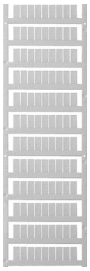
General Accessories

Photo	Description	Used On	Snap-In-Markers	Cat. No.	Pcs/Pkg
	Jumper Notching Tool†	1492-CJ…	—	1492-T1	1
	Unused Pin Cover on Connection Blocks	1492-JC3, JDC3	—	1492-PCJC3	20
	Busbar For External Connection Blocks	1492-JPO	—	1492-BBPO-1M	1∗
	Disconnect Plug	1492-L3P, J3P…, JD3P…, JDG3P…, LD3R…, K2P, K3P	—	1492-DPL	50
	Plug-In Component Plug	1492-L3P, J3P…, JD3P…, JDG3P…, LD3R…, K2P, K3P	1492-SM5X10, 1492-M5X5	1492-CPL	50
	Fuse Plug — without Blown Fuse Indication	1492-L3P, J3P…, JD3P…, JDG3P…, LD3R…, K2P, K3P	1492-M5X5	1492-FPK2	20
	Fuse Plug — 10…36V Blown Fuse Indication		1492-M5X5	1492-FPK224	20
	Fuse Plug — 35…70V Blown Fuse Indication		1492-M5X5	1492-FPK248	20
	Fuse Plug — 60…150V Blown Fuse Indication		1492-M5X5	1492-FPK2120	20
	Fuse Plug — 140…250V Blown Fuse Indication		1492-M5X5	1492-FPK2250	20
	Mini-Block Jumper Insertion Tool‡	1492-LM	—	1492-TAL5-2	1
	Din Rail Adapter Plate for LMP3 Mini-Blocks§	1492-LMP3	—	1492-MFLM	50
	Auxiliary Circuit Tap for J70 Terminal Blocks	1492-J70	—	1492-J70A	10
	Terminal Block screwdriver with hardened 3mm diameter blade (Handle made from recycled material)	All 5…6 mm wide terminal blocks	—	1492-N90	5
	Wire cutting tool designed to attach directly to the shaft of the Cat. No. 1492-N90 screwdriver	1492-N90	—	1492-KWC	1
	Tilting marker adapter for Two-Level IDC blocks	1492-KD2…	1492-SM5X10	1492-MAK2	50

Photo	Description	Color	Used On	Cat. No.	Pcs/Pkg
	Protective Stops #28…#24 AWG (0.13…0.2 mm²)	White	1492-L Products	1492-PSL2-2	100
	Protective Stops #22…#20 AWG (0.25…0.5 mm²)	Gray		1492-PSL2-5	100
	Protective Stops #28…#24 AWG (0.13…0.2 mm²)	White		1492-PSLTF3-2	100
	Protective Stops #22…#20 AWG (0.25…0.5 mm²)	Gray		1492-PSLTF3-5	100
	Protective Stops #30…#24 AWG (0.13…0.2 mm²)	White		1492-PSL3-2	100
	Protective Stops #22…#20 AWG (0.25…0.5 mm²)	Gray		1492-PSL3-5	100
	Protective Stops #18 AWG (0.75…1.0 mm²)	Dark Gray		1492-PSL3-10	100
	Protective Stops #26…#24 AWG (0.13…0.2 mm²)	White		1492-PSL4-2	100
	Protective Stops #22…#30 AWG (0.25…0.5 mm²)	Gray		1492-PSL4-5	100
	Protective Stops #18 AWG (0.75…1.0 mm²)	Dark Gray		1492-PSL4-10	100
	Protective Stops #28…#24 AWG (0.13…0.2 mm²)	White		1492-PSLS2-2	100
	Protective Stops #22…#20 AWG (0.25…0.5 mm²)	Gray		1492-PSLS2-5	100
	Protective Stops #24…#22 AWG (0.25…0.34 mm²)	Gray	1492-K…	1492-PSK2	100

∗ 1 m length
† Used to trim poles from center jumpers and side jumpers.
‡ Used to install Cat. No. 1492-SJLM5-2 in mini blocks.
§ Allows surface mount blocks to be mounted to 15 mm or 35 mm DIN Rail.

Terminal Block Snap-In Markers

Photo	Used With	Markers per Card	Color	Cat. No.	Pcs/ Pkg
	1492-L	100	White	1492-M3X5	5
	1492-L	120	White	1492-M3X12	5
	1492-J, L	200	White	1492-M5X5	5
	1492-J, L	144	White	1492-M5X8	5
	1492-J, L	144	White	1492-M5X10	5
	1492-J, L	144	White	1492-M5X12	5
	1492-J, L	96	White	1492-M5X15	5
	1492-J, L	200	White	1492-M6X5	5
	1492-J, L	120	White	1492-M6X10	5
	1492-J, L	120	White	1492-M6X12	5
	1492-J, L	108	White	1492-M7X12	5
	1492-J, L	160	White	1492-M8X5	5
	1492-K	144	White	1492-SM5X10	5
	1492-K	120	White	1492-SM6X10	5
	1492-L	96	White	1492-MH5X10	5
	1492-L	96	White	1492-MH5X15	5
	1492-L	80	White	1492-MH6X12	5
	NEMA Terminal Blocks, Circuit Breakers	120	White	1492-MN81	5
	NEMA Terminal Blocks, Circuit Breakers	60	White	1492-MN83	5
	1492-WM3, WMD1	80	White	1492-MS5X5	5
	1492-W, 700-HA Relays	80	White	1492-MS5X9	5
	1492-W, 700-HA Relays	80	White	1492-MS5X12	5
	1492-W,R, 700-HA Relays	80	White	1492-MS6X9	5
	1492-W, 700-HA Relays	80	White	1492-MS6X12	5
	1492-W,R, 700-HA Relays	56	White	1492-MS8X9	5
		56	White	1492-MS8X12	5
	1492-W, Bulletin 1667 PanelConnect™	40	White	1492-MS9X20	5
	1492-W, Bulletins 100 and 140 Products	40	White	1492-MS10X17	5

Competitive Terminal Block Markers

Photo	Used With	Markers per Card	Color	Cat. No.	Pcs/ Pkg
	Phoenix, Entrelec, Telemecanique, Legrand Products*	120	White	1492-MC5X8	5
	Phoenix, Wago, Wieland, Entrelec, Telemecanique, and Legrand Products†	120	White	1492-MC5X10	5
	Wago, Wieland, and Telemecanique Products‡	120	White	1492-MC5X12	5
	700-HL Relays, Phoenix, Wago, Wieland, Entrelec, Telemecanique, and Legrand Products§	120	White	1492-MC6X10	5

* May have some mounting limitations with Telemecanique Earthing Terminals.
† May have some mounting limitations with Telemecanique Initiator/Actuator Terminals.
‡ May have some mounting limitations with Legrand Standard Terminals.
§ May have some mounting limitations with Telemecanique Initiator/Actuator Terminals, and Legrand Standard Terminals.

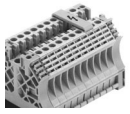
Wire Markers

Wire Size	Insulation Dia.	Markers per Card	Color	Cat. No.	Pcs/ Pkg
#20… #18 AWG (0.5… 1.0 mm²)	0.059… 0.098 in (1.5… 2.5 mm²)	40	White	1492-MWC1-12	5
#18… #14 AWG (0.75… 2.5 mm²)	0.078… 0.138 in (2.0… 3.5 mm²)	40	White	1492-MWC3-12	5
#12 AWG (2.5… 4.0 mm²)	0.098… 0.197" in (2.5… 5.0 mm²)	24	White	1492-MWC4-12	5

IEC Terminal Block Accessories

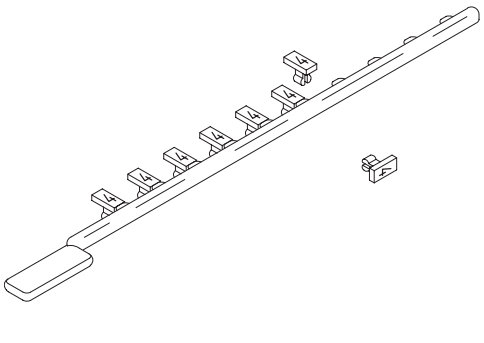
Marking Systems and Electrical Warning Plate Marks, Continued

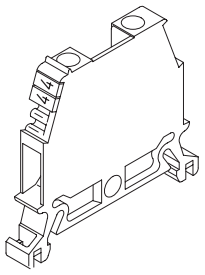
Electrical Warning Plate Markers

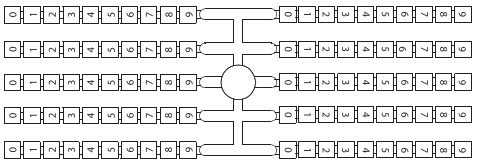
Photo	Used With	Color	Cat. No.	Pcs/ Pkg
  ZAD 1/4 160911 	1492-J, L	Yellow	1492-EWPJ5	25
	1492-J, L	Yellow	1492-EWPJ8	50
	1492-J, L	Yellow	1492-EWPJ12	50
	1492-J, L	Yellow	1492-EWPJ18	50
	1492-J, L	Yellow	1492-EWPJ20	50
	1492-J, L	Yellow	1492-EWPL5	20
	1492-J, L	Yellow	1492-EWPL6	20
	1492-J, L	Yellow	1492-EWPL8	20
	1492-J, L	Yellow	1492-EWPL10	20
	1492-J, L	Yellow	1492-EWPL12	20
	1492-J, L	Yellow	1492-EWPL16	20
	1492-J, L	Yellow	1492-EWPL4	20
	1492-W	Yellow	1492-EWP5	10
	1492-W	Yellow	1492-EWP5-4	10
	1492-W	Yellow	1492-EWP6	10
	1492-W	Yellow	1492-EWP6-4	10
	1492-W	Yellow	1492-EWP7	10
	1492-W	Yellow	1492-EWP7-4	10
	1492-W	Yellow	1492-EWP8	10
	1492-W	Yellow	1492-EWP8-4	10
	1492-W	Yellow	1492-EWP11	10
	1492-W	Yellow	1492-EWP11-4	10

6 mm Single Digit Pre-Printed Marker Tabs

Note: 10 labels per stick. For use with any 1492-W product that is compatible with 1492-MS5X9 and 1492-MS5X12 Marker Cards. Also for use with 1492-W10 terminal blocks.







Numbers		
Printing	Cat. No.	Pcs/Pkg
0	1492-MP-0	10
1	1492-MP-1	10
2	1492-MP-2	10
3	1492-MP-3	10
4	1492-MP-4	10
5	1492-MP-5	10
6	1492-MP-6	10
7	1492-MP-7	10
8	1492-MP-8	10
9	1492-MP-9	10

Number Series		
Printing	Cat. No.	Pcs/Pkg
0…9	1492-MP	10

Blank		
Printing	Cat. No.	Pcs/Pkg
Blank	1492-MP-BLANK	10

Letters		
Printing	Cat. No.	Pcs/Pkg
A	1492-MP-A	10
B	1492-MP-B	10
C	1492-MP-C	10
D	1492-MP-D	10
E	1492-MP-E	10
F	1492-MP-F	10
G	1492-MP-G	10
H	1492-MP-H	10
I	1492-MP-I	10
J	1492-MP-J	10
K	1492-MP-K	10
L	1492-MP-L	10
M	1492-MP-M	10
N	1492-MP-N	10
P	1492-MP-P	10
Q	1492-MP-Q	10
R	1492-MP-R	10
S	1492-MP-S	10

Letters (continued)		
Printing	Cat. No.	Pcs/Pkg
T	1492-MP-T	10
U	1492-MP-U	10
V	1492-MP-V	10
W	1492-MP-W	10
X	1492-MP-X	10
Y	1492-MP-Y	10
Z	1492-MP-Z	10

Special Symbols		
Printing	Cat. No.	Pcs/Pkg
+	1492-MP-POS	10
⏚	1492-MP-GND	10
–	1492-MP-NEG	10
~	1492-MP-AC	10
=	1492-MP-DC	10

5 mm Single Digit Pre-Printed Marker Tabs

Note: 100 labels per card. For use with any 1492-W product that is compatible with 1492-MS5X9 and 1492-MS5X12 Marker Cards.

Numbers		
Printing	Cat. No.	Pcs/Pkg
0	1492-MP5-0	5
1	1492-MP5-1	5
2	1492-MP5-2	5
3	1492-MP5-3	5
4	1492-MP5-4	5
5	1492-MP5-5	5
6	1492-MP5-6	5
7	1492-MP5-7	5
8	1492-MP5-8	5
9	1492-MP5-9	5

Number Series		
Printing	Cat. No.	Pcs/Pkg
0…9	1492-MP5-10	5
A…Z	1492-MP5-AZ	5

Blank		
Printing	Cat. No.	Pcs/Pkg
Blank	1492-MP5-BLANK	5

Letters		
Printing	Cat. No.	Pcs/Pkg
A	1492-MP5-A	5
B	1492-MP5-B	5
C	1492-MP5-C	5
D	1492-MP5-D	5
E	1492-MP5-E	5
F	1492-MP5-F	5
G	1492-MP5-G	5
H	1492-MP5-H	5
I	1492-MP5-I	5
J	1492-MP5-J	5
K	1492-MP5-K	5
L	1492-MP5-L	5
M	1492-MP5-M	5
N	1492-MP5-N	5
P	1492-MP5-P	5
Q	1492-MP5-Q	5
R	1492-MP5-R	5
S	1492-MP5-S	5

Letters (continued)		
Printing	Cat. No.	Pcs/Pkg
T	1492-MP5-T	5
U	1492-MP5-U	5
V	1492-MP5-V	5
W	1492-MP5-W	5
X	1492-MP5-X	5
Y	1492-MP5-Y	5
Z	1492-MP5-Z	5

Special Symbols		
Printing	Cat. No.	Pcs/Pkg
+	1492-MP5-POS	5
⏚	1492-MP5-GND	5
–	1492-MP5-NEG	5
~	1492-MP5-AC	5
=	1492-MP5-DC	5

IEC Marking System

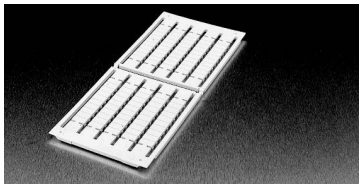
Computer System Requirements

- Personal computer with at least an 80486 processor
- Microsoft® Windows® 98 or later
- CD driver
- Hard drive with at least 18 MB space available
- Windows®-compatible mouse
- Screen resolution of 640 x 480, 800 x 600 or 1024 x 768
- One open parallel communication port

	Description	Cat. No.	Pkg. Quantity
	**Printer Kit** Includes printer, communication cable, power cable, ink cartridge, cleaning cartridge, and AB Print software	1492-PRTKIT110V	1
	**CD** used to install AB Print software	1492-PRTSOFT	1
	**Ink Cartridge** used with the printer to hold the permanent ink	1492-PRTINKCART	1
	**Cleaning Cartridge** used with the printer to clean the printer head	1492-PRTCLEAN	1
	**Marker Carrier** feeds multiple marker cards into the printer	1492-PRTMARKCAR	1

Custom Printed Marker Cards

1. Download the printer software from the Allen-Bradley terminal block home page **(http://www.ab.com/industrialcontrols/products/)** or order the printer software Cat. No. 1492-PRTSOFT.



2. Create your custom marker card using the printer software and save this file to your computer.
3. Place an order for the custom order on PASSPORT by adding the letter **"C"** to the end of the marker cat. no. (Example: If the custom marker that was created in Step 2 is Cat. No. 1492-M6X12, an order will be placed in PASSPORT with the new Cat. No. 1492-M6X12**C**.) Then, document the order number for Step 4.
4. E-mail the custom marker file to **RAMilwCustomMarkers@ra.rockwell.com.** Include the following items:
   - Allen Bradley order number (in the subject of the e-mail)
   - Created file (attached to the e-mail)
   - Quantity (the number of needed copies of the file)
   - Company information (with a contact name and number in the e-mail)

IEC Terminal Block Specifications

Maximum number of multiple wire connections for copper conductors of the same cross-section and type for Allen-Bradley IEC Terminal Blocks.
Cat. Nos. 1492-L, R, and K products are all recommended for one conductor per terminal. Wire range is defined in the cat. page for each of the products.

	Wire Size AWG (mm²)																		
	#30	#28	#26	#24	#22	#20	#18	#16	#14	#12	#10	#8	#6	#4	#2	#1	1/0	2/0	3/0
Cat. No.	Number of the Same Size Wires Per Terminal																		
1492-H4	—	—	—	—	4	4	3	2	2	1	—	—	—	—	—	—	—	—	—
1492-H5	—	—	—	—	4	4	3	2	2	1	—	—	—	—	—	—	—	—	—
1492-H6	—	—	—	—	4	4	3	2	2	1	—	—	—	—	—	—	—	—	—
1492-H7	—	—	—	—	4	4	3	2	2	1	—	—	—	—	—	—	—	—	—
1492-J2Q	—	—	4	4	4	3	1	1	1	—	—	—	—	—	—	—	—	—	—
1492-J3	4	4	4	4	3	3	3	3	2	1	—	—	—	—	—	—	—	—	—
1492-J3F	4	4	4	4	3	3	3	3	2	1	—	—	—	—	—	—	—	—	—
1492-J3TW (Single Side)	4	4	4	4	3	3	3	3	2	1	—	—	—	—	—	—	—	—	—
1492-J3TW (Twin Side)	—	—	4	4	4	3	1	1	1	—	—	—	—	—	—	—	—	—	—
1492-J4	—	—	—	—	4	3	3	3	2	1	1	—	—	—	—	—	—	—	—
1492-J4M	—	—	—	—	4	3	3	3	2	1	1	—	—	—	—	—	—	—	—
1492-J6	—	—	—	—	4	4	3	3	3	2	1	1	—	—	—	—	—	—	—
1492-J10	—	—	—	—	4	4	4	4	3	2	1	1	1	—	—	—	—	—	—
1492-J16	—	—	—	—	—	—	—	2	4	3	2	1	1	1	—	—	—	—	—
1492-J35	—	—	—	—	—	—	—	—	3	3	3	2	2	1	1	—	—	—	—
1492-J50	—	—	—	—	—	—	—	—	—	—	—	2	2	1	1	1	1	—	—
1492-J70*	—	—	—	—	—	—	—	—	5	5	5	2	2	2	1	1	1	1	—
1492-JC3	—	—	4	4	4	3	1	1	1	—	—	—	—	—	—	—	—	—	—
1492-JD3...	4	4	4	4	4	4	3	2	1	1	—	—	—	—	—	—	—	—	—
1492-JD3F	4	4	4	4	4	4	3	2	1	1	—	—	—	—	—	—	—	—	—
1492-JD3P	—	—	—	—	4	4	3	2	1	1	—	—	—	—	—	—	—	—	—
1492-JDC3	—	—	4	4	4	3	1	1	1	—	—	—	—	—	—	—	—	—	—
1492-JDG3	4	4	4	4	4	4	3	2	1	1	—	—	—	—	—	—	—	—	—
1492-JDG3P	—	—	—	—	4	4	3	2	1	1	—	—	—	—	—	—	—	—	—
1492-JG2Q	—	—	4	4	4	3	1	1	1	—	—	—	—	—	—	—	—	—	—
1492-JG3	4	4	4	4	3	3	3	3	2	1	—	—	—	—	—	—	—	—	—
1492-JG3TW (Single Side)	4	4	4	4	3	3	3	3	2	1	—	—	—	—	—	—	—	—	—
1492-JG3TW (Twin Side)	—	—	4	4	4	3	1	1	1	—	—	—	—	—	—	—	—	—	—
1492-JG4	—	—	—	—	4	3	3	3	2	1	1	—	—	—	—	—	—	—	—
1492-JG6	—	—	—	—	4	4	3	3	3	2	1	1	—	—	—	—	—	—	—
1492-JG10	—	—	—	—	4	4	4	4	3	2	1	1	1	—	—	—	—	—	—
1492-JG16	—	—	—	—	—	—	—	2	4	3	2	1	1	1	—	—	—	—	—
1492-JG35	—	—	—	—	—	—	—	—	3	3	3	2	2	1	1	—	—	—	—
1492-JG50	—	—	—	—	—	—	—	—	—	—	—	2	2	1	1	1	1	—	—
1492-JG70*	—	—	—	—	—	—	—	—	5	5	5	2	2	2	1	1	1	1	—
1492-JKD3	4	4	4	4	3	3	3	3	2	1	—	—	—	—	—	—	—	—	—
1492-JPO	—	—	1	1	2	2	2	1	1	1	—	—	—	—	—	—	—	—	—
1492-W3	4	4	4	4	4	4	3	2	1	—	—	—	—	—	—	—	—	—	—
1492-W4	—	—	—	—	4	4	3	2	2	1	1	—	—	—	—	—	—	—	—
1492-W4TW	—	—	—	—	4	4	3	2	2	1	—	—	—	—	—	—	—	—	—
1492-W6	—	—	—	—	4	4	3	2	2	2	1	—	—	—	—	—	—	—	—
1492-W10	—	—	—	—	4	4	4	4	3	2	1	1	—	—	—	—	—	—	—
1492-W16S	—	—	—	—	—	—	—	—	4	3	2	2	1	1	—	—	—	—	—
1492-WFB4...	—	—	—	—	4	4	3	2	2	1	—	—	—	—	—	—	—	—	—
1492-WG4	—	—	—	—	4	4	3	2	1	1	—	—	—	—	—	—	—	—	—
1492-WG6	—	—	—	—	4	4	3	2	2	1	1	—	—	—	—	—	—	—	—
1492-WG10S*	—	—	—	—	4	4	4	4	3	2	1	1	—	—	—	—	—	—	—
1492-WG16S*	—	—	—	—	—	—	—	—	4	3	2	2	1	1	—	—	—	—	—
1492-WM3	4	4	4	4	4	3	2	1	1	—	—	—	—	—	—	—	—	—	—
1492-WM4	—	—	—	—	4	4	3	2	2	1	—	—	—	—	—	—	—	—	—
1492-WMD1	—	—	—	—	2	1	1	1	—	—	—	—	—	—	—	—	—	—	—
1492-WMG3	—	—	—	—	—	—	—	—	1	—	—	—	—	—	—	—	—	—	—
1492-WMG4*	—	—	—	—	4	4	3	2	2	1	—	—	—	—	—	—	—	—	—
1492-WR3	—	—	—	—	4	4	3	2	1	—	—	—	—	—	—	—	—	—	—
1492-WTF3...	—	—	4	4	4	4	3	2	1	—	—	—	—	—	—	—	—	—	—
1492-WTS3...	—	—	4	4	4	4	3	2	1	—	—	—	—	—	—	—	—	—	—

* UL multiple wire testing not complete at time of printing. Consult your local Allen-Bradley sales office for specification updates.

IEC Terminal Block Specifications *

Tie Point Terminal Blocks — Type JD3C, LD2C, LD3C, LD4C, and KD2C

The total current flow through these terminal blocks (the sum of all inputs or the sum of all outputs) must not exceed the rated current for the device.

Description		Type	Rating
Maximum total current flow through the terminal block		LD2C, KD2C	10 A
		JD3C, LD3C	20 A
		LD4C	25 A
Maximum working voltage		LD2C, KD2C	300V
		JD3C, LD3C, LD4C	600V
Ambient temperature range	Operating	All	-4…+104°F (-20…+40°C)
	Storage	All	-40…+167°F (-40…+75°C)

Diode Terminal Blocks — Type JD3DR, JD3DF, LD4DF, LD4DR, KD2DF, and KD2DR

Description		Symbol	Type	Rating
Peak Repetitive Reverse Voltage Working Peak Reverse Voltage DC Blocking Voltage		V (RRM) V (RWM) V (R)	KD2DF, KD2DR	300V
			JD3DF, JD3DR, LD4DF, LD4DR	600V
Non-Repetitive Peak Reverse Voltage (Halfwave, single phase, 60 Hz)		V (RSM)	KD2DF, KD2DR	300V
			JD3DF, JD3DR, LD4DF, LD4DR	600V
RMS Reverse Voltage †		V (Rrms)	KD2DF, KD2DR	300V
			JD3DF, JD3DR, LD4DF, LD4DR	600V
Average Rectified Forward Current Single Phase, Resistive Load, 60 Hz		I (O)	All	1.0 A
Non-Repetitive Peak Surge Current (Surge applied at rated load)		I (FSM)	All	30 A (1 cycle)
Maximum Forward Voltage Drop [I (F) = 1.0 A]		V (F)	All	1.1V
Maximum Reverse Current		I (R)	All	10 µA
Ambient temperature range	Operating	T (A)	All	-4…+104°F (-20…+40°C)
	Storage	T (S)	All	-40…+167°F (-40…+75°C)

All parameters measured at 77 °F (25 °C).

Resistor Terminal Blocks — Types HM2RC, JD3RB, JD3RC, and LD4RB

Description		Model Code Identifier	Rating
Resistor Type		B	Metal Film Resistor §
		C	Wire Wound Precision Resistor
Standard Resistance Range		B	10Ω…4.75 MΩ
		C	249 Ω
Resistance Tolerance		B	± 1%
		C	± 1%
Power Rating (Resistor)		B	0.25 W
Maximum Continuous Watts at 86°F (30°C) Ambient		C	0.5 W
Rated Continuous Working Voltage (Resistor)		B	√(0.25 x R) or 250V Max.
		C	√(0.5 x R) or 250V Max.
Ambient temperature range	Operating	All	-4…+104°F (-20…+40°C)
	Storage	All	-40…+167°F (-40…+75°C)
Dielectric Withstanding Voltage (Resistor)		B & C	500V

* Performance Data — Performance data given in this catalog is provided as a guide for the user in determining suitability and does not constitute a warranty. It may represent the result of accelerated testing at elevated stress levels and the user should correlate it to actual application requirements. Actual performance is subject to Allen-Bradley WARRANTY and LIMIT OF LIABILITY.

† The maximum voltage rating of the diode terminal blocks listed in the above table should not be exceeded even though the maximum reverse voltage rating of the diode alone is 1000V.

§ For further information on resistor performance, consult your local Allen-Bradley distributor.

IEC Terminal Block Specifications

Surge Suppressor Performance Characteristics and Electrical Component Data*

Surge Suppressor Terminal Blocks	
Performance Characteristic	Cat. No. JD3SS, JD3PSS, JD3SSTP, JDG3PSS, JDG3PSSTP, LD4SS
Nominal Working Voltage (Volts AC or DC)	120
Maximum AC Working Voltage RMS Continuous (60 Hz)	140
Maximum DC Working Voltage Continuous	180
Maximum Clamping Voltage at Current Ip (8/20 µs Pulse)	360V *Ip* = 10 A
Maximum Voltage Rate of Rise Bulletin 100 Contactors Types A38…B180 Bulletin 500 Contactors & Starters, Size 0…5 Bulletin 700 Relays	—
Peak Current (8/20 µs Pulse)	1200 A
Typical Leakage Current at Nominal AC Working Voltage	< 0.1 mA
Metal Oxide Varistor (MOV) Maximum Clamping Voltage at Current Ip (8/20 µs Pulse) Maximum Transient Energy Maximum Power Dissipation	 12 J 0.25 W

Technical Specifications for Fuse Plugs†

Characteristic	1492-FPK2	1492-FPK224	1492-FPK248	1492-FPK2120	1492-FPK2250
Indicator Type	Non-Indicating	LED	LED	LED	LED
Leakage Current	—	1.6 mA @ 24V	1.6 mA @ 24V	1.6 mA @ 24V	1.6 mA @ 264V
Working Voltage	Per Fuse Rating	10…36V AC/DC	35…70V AC/DC	60…150V AC/DC	140…250V AC
Fuse Size	5 x 20 mm				
Marker	1492-M5X5				

* Performance Data — See Publication A115, page Important-2.
Performance data given in this catalog is provided as a guide for the user in determining suitability and does not constitute a warranty. It may represent the result of accelerated testing at elevated stress levels and the user should correlate it to actual application requirements. Actual performance is subject to Allen-Bradley WARRANTY and LIMIT OF LIABILITY.

† IEC standards for 5 x 20 mm fuses do not include ratings above 6.3 A.

UL/CSA File and Guide Numbers Arranged by Base Cat. Nos.

Base Cat. No.	UL Number		CSA Number	
	File	Guide	File	Class
1492-H4, -H5, -H6, -H7	E40735	XCFR2	LR67896	622801
1492-R	E40735 E187022	XCFR2 XCIB2 XCFR8*	—	—
1492-RG	E160646 E187022	KDER8 XCFR2 XCIB2	—	—
1492-UF3	E40735	XCFR2	LR67896	622801
1492-W	E40735 E187022	XCFR2 XCIB2	LR67896 LR14074	622801 622801
1492-WG	E160646 E187022	XCFR2 XCIB2	LR67896 LR14074	622801 622801
1492-J	E187022	XCFR2 XCIB2	220124	622801 622801
1492-JG	E40735 E187022	XCFR2 XCIB2	220124	622801 622801
1492-L	E40735 E187022	XCFR2 XCIB2	220124	622801 622801
1492-LG	E40735 E187022	XCFR2 XCIB2	220124	622801 622801
1492-K	E40735 E187022	XCFR2 XCIB2	220124	622801 622801
1492-KG	E40735 E187022	XCFR2 XCIB2	220124	622801 622801

* These numbers are actually UL file and guide numbers, as these products are UL recognized components per Canadian Safety Standards (cUR).

Resistor Codes for 1492-JD3RB… and -LD4RB…Terminal Blocks

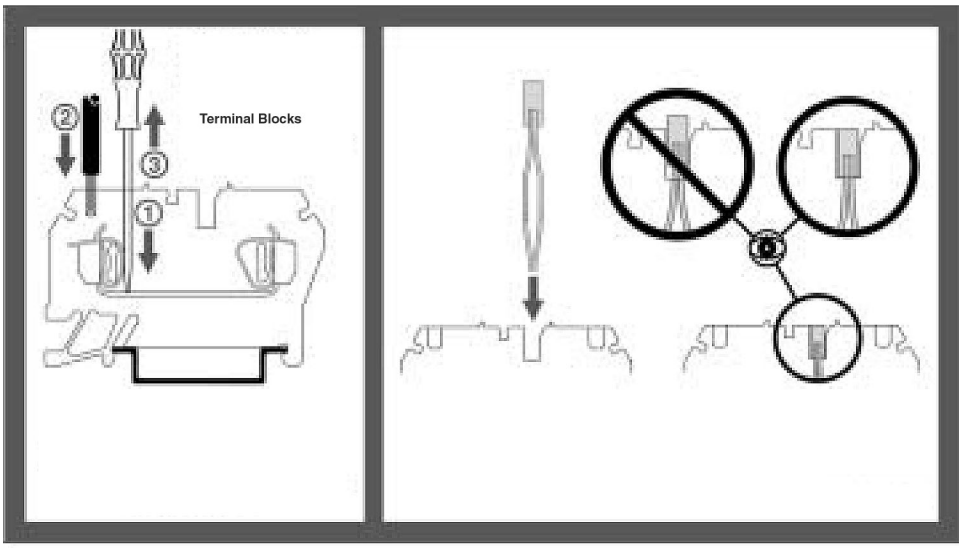
Ordering Information

In order to complete the cat. no. for **1492-JD3RB…** or **1492-LD4RB…**, add the desired resistor code from the table below.

Example: Cat. No. **1492-JD3RB101** is a resistor terminal block with a 100 Ω -1/4 W resistor.

Resistor Value Ω	Resistor Code	Resistor Value Ω	Resistor Code	Resistor Value Ω	Resistor Code	Resistor Value Ω	Resistor Code
10	100	267	271	8250	822	0.221M	224
11	110	301	301	9090	912	0.243M	244
12.1	120	332	331	10000	103	0.267M	274
13	130	357	361	11000	113	0.301M	304
15	150	392	391	12100	123	0.332M	334
16	160	432	431	13000	133	0.357M	364
18.2	180	475	471	15000	153	0.392M	394
20	200	511	511	16200	163	0.432M	434
22.1	220	562	561	18200	183	0.475M	474
24.3	240	619	621	20000	203	0.511M	514
26.7	270	681	681	22100	223	0.562M	564
30.1	300	750	751	24300	243	0.619M	624
33.2	330	825	821	26700	273	0.681M	684
35.7	360	909	910	30100	303	0.75M	754
39.2	390	1000	102	33200	333	0.825M	824
43.2	430	1100	112	35700	363	0.909M	914
47.5	470	1210	122	39200	393	1.0M	105
51.1	510	1300	132	43200	433	1.1M	115
56.2	560	1500	152	47500	473	1.24M	125
61.9	620	1620	162	51100	513	1.3M	135
68.1	680	1820	182	56200	563	1.5M	155
75	750	2000	202	61900	623	1.62M	165
82.5	820	2210	222	68100	683	1.82M	185
90.9	910	2430	242	75000	753	2.0M	205
100	101	2670	272	82500	823	2.21M	225
110	111	2940	302	90900	913	2.43M	245
121	121	3320	332	0.10M	104	2.67M	275
130	131	3570	362	0.11M	114	3.01M	305
150	151	3920	392	0.121M	124	3.32M	335
162	161	4750	472	0.13M	134	3.57M	365
182	181	5110	512	0.15M	154	3.92M	395
200	201	5620	562	0.162M	164	4.32M	435
221	221	6810	682	0.182M	184	4.75M	475
243	241	7500	752	0.20M	204	249	001

Spring-Clamp Operating Instructions



Cat. No. 1492-QCLABEL
(Adhesive Label — Actual Size)

Mounting Rails
Mounting rails allow many blocks to be fastened in a panel with only a few screws to anchor the rail to the panel. Mounting rails allow easy installation and removal of a block in a row.

End Anchor/End Retainers
End anchors and end retainers mount at both ends of a group of terminal blocks to add rigidity to the terminal assembly and prevent sliding along the rails.

End Barriers
End barriers are required to provide the necessary insulation for the last terminal block in a group.

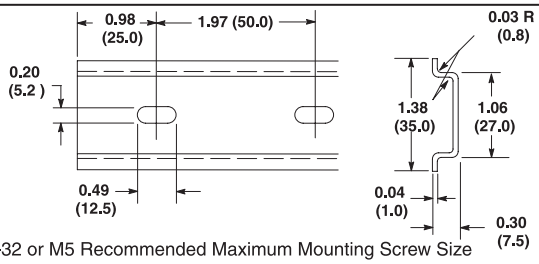
Fanning Strips
Fanning strips, used with the Cat. No. 1492-CA1, -CA2, -CAM2 terminal blocks, keep wires in an orderly row and allow easy disconnect and reconnect of multiple adjacent wires.

Side Jumpers
Side jumpers use the terminal block wire openings. Muli-pole jumpers can be cut into a smaller number of poles. 2-pole jumpers are also available for some blocks. All jumpers except the 1492-N21 carry 100% of rated terminal block current. The 1492-N21 carries 100 A. The back of IEC style jumpers are insulated with plastic. An adjacent partition plate provides the necessary electrical spacings between adjacent jumpers or between exposed ends of cut jumpers.

Marking Systems
Various marking systems are available to simplify circuit identification. NEMA blocks come with a painted surface; IEC blocks use snap-in markers. Markers are available in blank form for hand writing, pre-printed in ascending number format, or custom printed for unique requirements. Extended marking strips and adhesive labels are available for long circuit identifications. A group marking carrier for easy group terminal block identification is also available. Marking rods can be used with QuickClamp style terminal blocks to simplify mass solutions. Pre-printed, single-digit, alphanumeric marker tabs are also available.

Specifications/Agency Approvals
In general, accessories for terminal blocks are not eligible for recognition by UL, CSA, or other third party approval agencies. The suitability of the installation must be judged in the end use application due to the wide variety of possible uses. However, accessories are designed to meet, and are tested to, the terminal block assembly requirements such as electrical spacings, etc.

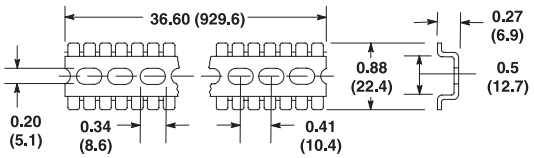
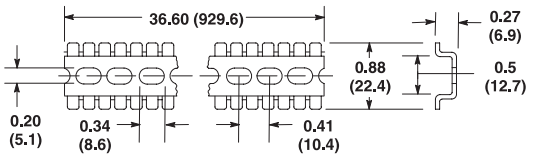
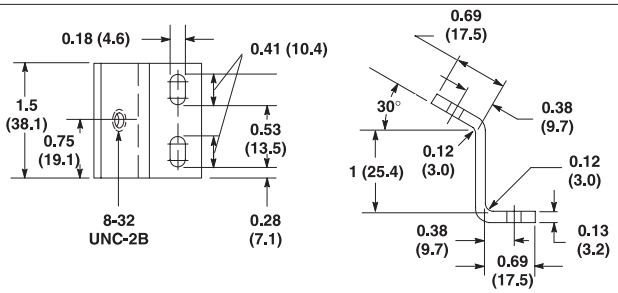
DIN Mounting Rails

Item	Description	Pcs./Pkg.	Dimensions*
199-DR1 	**DIN (#3) Symmetrical Rail** 35 mm x 7.5 mm x 1 m long Zinc-plated, yellow chromated EN50022 **DIN #3**	10	
199-DR2	Same as 199-DR1, but length = 2 m	100	#10–32 or M5 Recommended Maximum Mounting Screw Size

* Dimensions shown in inches (millimeters). Dimensions are not intended to be used for manufacturing purposes.

Allen-Bradley Mounting Rails

NEMA/EEMAC Mounting Rails

Item	Description	Pcs./Pkg.	Dimensions*
1492-N1 	Breakaway Mounting Rail 3' (0.91 m) long Scored every 0.203 (5.2 mm) so it will break off to the desired length	20	 #8-32 or M4 Recommended Mounting Screw Size
1492-N22 	Rigid Mounting Rail 3' (0.91 m) long	20	 #8-32 or M4 Recommended Mounting Screw Size
1492-N25 	Mounting Rail Standoff Brackets Used with 1492-N22 Rigid Mounting Rail	20	

* Dimensions shown in inches (millimeters). Dimensions are not intended to be used for manufacturing purposes.

Stacking Bridge Kits

1492-N26		1492-N32		1492-N27		1492-N28		1492-N29	
									
Description		Description		Description		Description		Description	
External Mounting Feet		Internal Mounting Feet		Side Plate Extensions		18 in Bridge		12 in Bridge	
Cat. No.	Pkg. Quantity	Cat. No.	Pkg. Quantity	Cat. No.	Pkg. Quantity	Cat. No.	Pkg. Quantity	Cat. No.	Pkg. Quantity
1492-N26	1 Kit	1492-N32	1 Kit	1492-N27	1 Kit	1492-N28	1	1492-N29	1

Description — Stacking bridges are used with Style C, F, and H rail-mounted terminal blocks. They are designed to save panel space and increase terminal accessibility. Stacking bridge kits allow stacking of up to four terminal block strips. A stacking bridge consists of mounting feet, side plate extensions, and 12 in or 18 in bridges.

Note: **Rigid mounting rail is attached to the bridge.** Five kits are available to custom build stacking bridges as listed in the above table. **Fuse blocks, disconnect blocks, large Style C terminal blocks (Cat. No. 1492-CE2) and circuit breakers should only be mounted on the upper-most bridge of any assembly.**

Ordering Example — A typical ordering example for a **Two Level 18 in Stacking Bridge** is as follows:

- One **Cat. No. 1492-N26** or **1492-N32** mounting foot kit.
- One **Cat. No. 1492-N27** side plate extension kit, and two **Cat. No. 1492-N28** 18 in bridges.

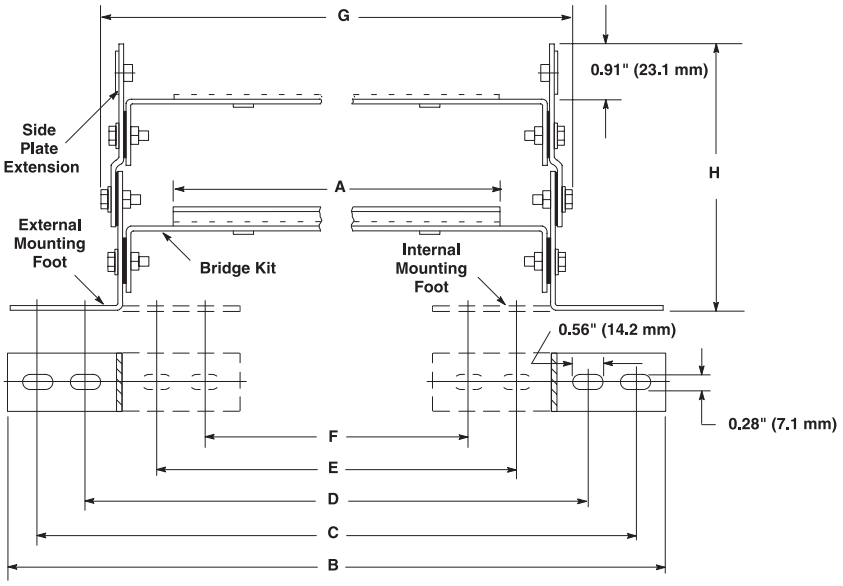
Both 12 in and 18 in stacking bridges are built in this manner with up to four levels maximum.

NEMA Accessories

Accessories, Continued

Stacking Bridge

Stacking Bridge

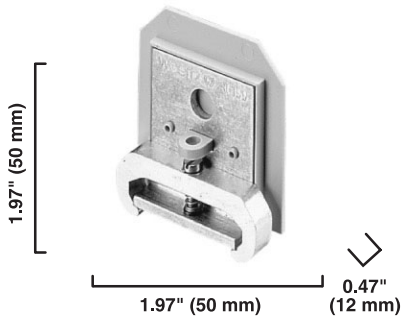


Dimensions In Inches (Millimeters)

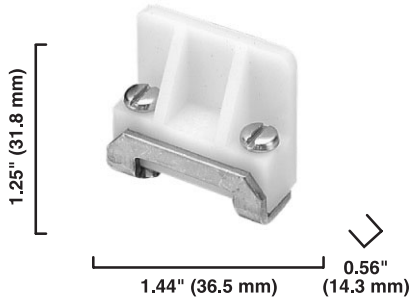
Stacking Bridge Size	A	B	C	D	E	F	G	H No. of Levels 1	2	3	4
12 in	12.06 (306.3)	18.06 (458.7)	17 (431.8)	15.19 (385.8)	12.69 (322.3)	10.97 (278.6)	14.53 (369.1)	2.34 (59.5)	4.50 (114.3)	6.63 (168.4)	8.78 (223.0)
18 in	18.63 (473.2)	24.06 (611.1)	23 (584.2)	21.19 (538.2)	18.69 (474.7)	16.97 (431.0)	20.53 (521.5)	2.34 (59.5)	4.50 (114.3)	6.63 (168.4)	8.78 (223.0)

End Anchors

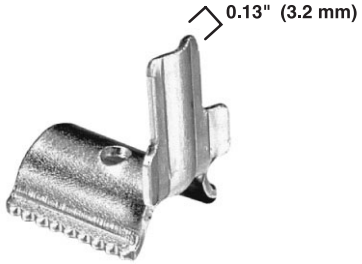
1492-EAH35



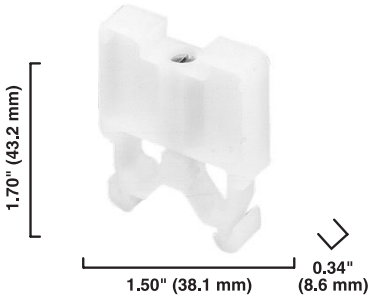
1492-N23



1492-N2

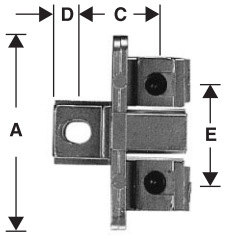


1492-N47



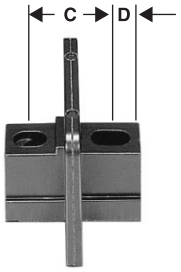
End Anchors

1492-15A, 1492-25A



Width = A
Height = B

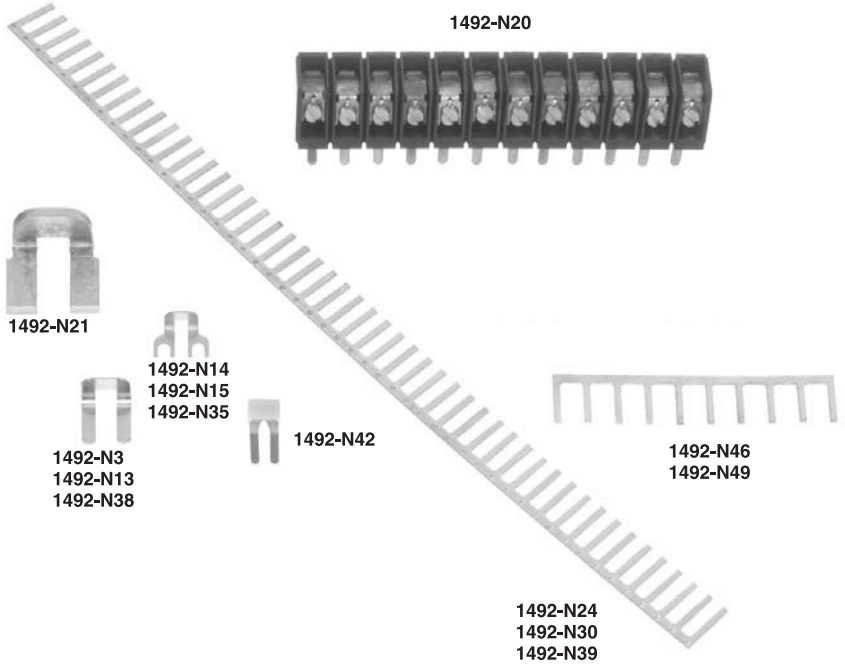
1492-15E, 1492-25E



Width = A
Height = B

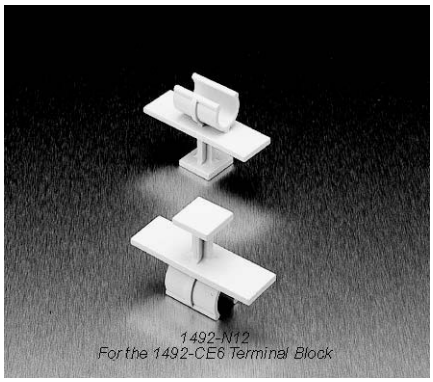
Cat. No.	A	B	C	D	E
1492-15A	1.5 in (38.1 mm)	1.03 in (26.2 mm)	0.594 in (15.1 mm)	0.234 in (5.9 mm)	0.75 in (19.1 mm)
1492-15E	1.5 in (38.1 mm)	1.03 in (26.2 mm)	0.594 in (15.1 mm)	0.234 in (5.9 mm)	—
1492-25A	1.88 in (47.8 mm)	1.19 in (30.2 mm)	0.688 in (17.5 mm)	0.203 in (5.2 mm)	0.97 in (24.6 mm)
1492-25E	1.88 in (47.8 mm)	1.19 in (30.2 mm)	0.688 in (17.5 mm)	0.234 in (5.9 mm)	—

Side Jumpers/Fanning Strip/General Accessories*

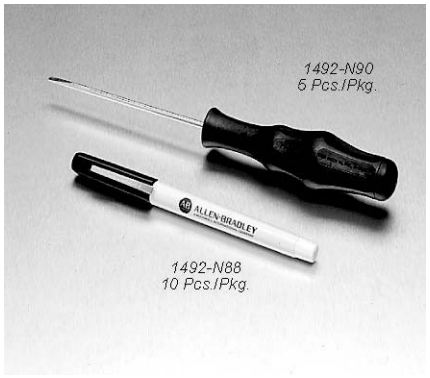


* The 1492-SJS Insulating Sleeve reduces exposure to live parts on the 1492-N39 and 1492-N49. The 1492-SJS used with the 1492-N39 and 1492-H1 or 1492-HM1 provides IEC 947 IP2X finger protection.

Fuse Puller

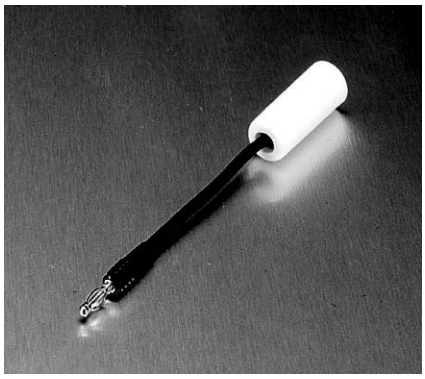


Screwdriver and Marking Pen

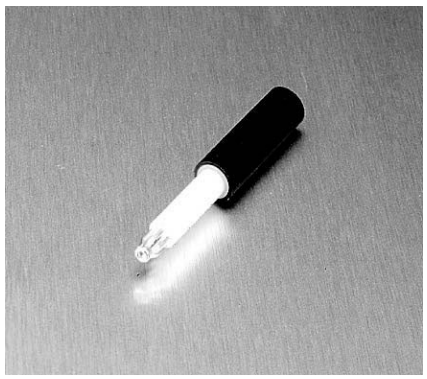


Test Plug/Test Sockets

1492-TA285



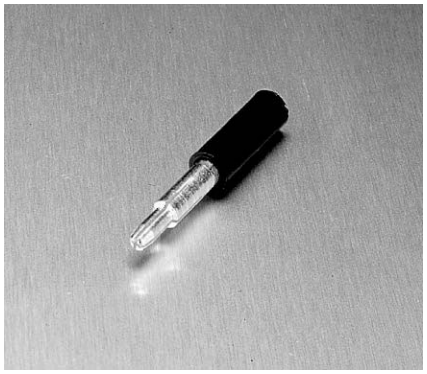
1492-TA40, 1492-TA40L



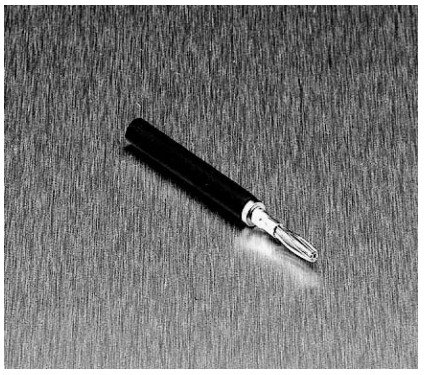
Isolation Switch Plugs 1492-ISOSW-1

Test Plug/Test Sockets

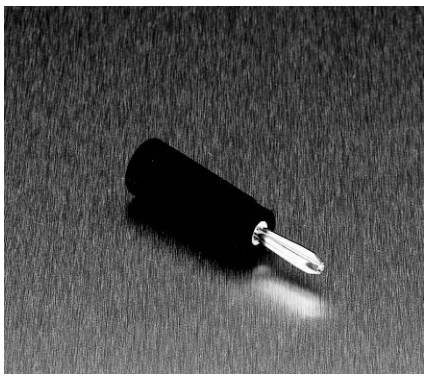
1492-TP28



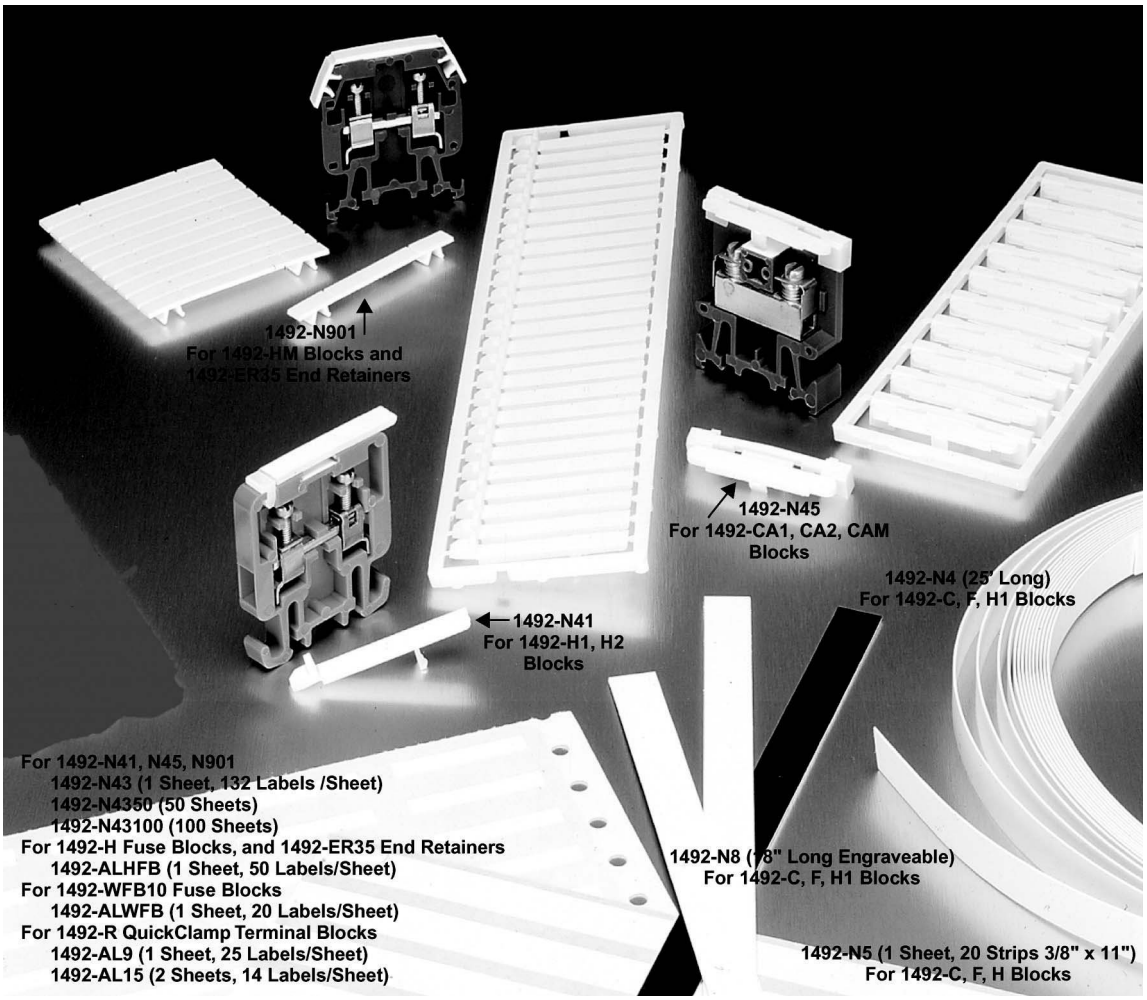
1492-TP15



1492-TP23



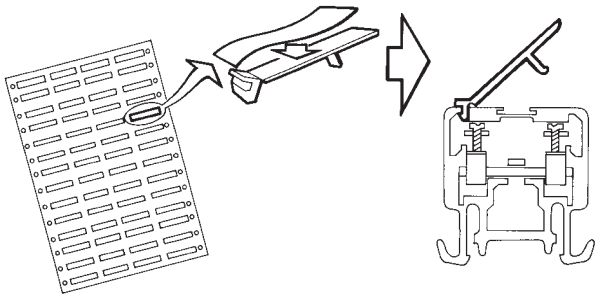
Marking Systems



1492-N901 For 1492-HM Blocks and 1492-ER35 End Retainers
1492-N45 For 1492-CA1, CA2, CAM Blocks
1492-N41 For 1492-H1, H2 Blocks
1492-N8 (18 in Long Engraveable) For 1492-C, F, H1 Blocks
For 1492-N41, N45, N901
1492-N43 (1 Sheet, 132 Labels /Sheet)
1492-N4350 (50 Sheets)
1492-N43100 (100 Sheets)
For 1492-H Fuse Blocks, and 1492-ER35 End Retainers
1492-ALHFB (1 Sheet, 50 Labels/Sheet)
For 1492-WFB10 Fuse Blocks
1492-ALWFB (1 Sheet, 20 Labels/Sheet)
For 1492-R QuickClamp Terminal Blocks
1492-AL9 (1 Sheet, 25 Labels/Sheet)
1492-AL15 (2 Sheets, 14 Labels/Sheet)
1492-N5 (1 Sheet, 20 Strips 3/8 in x 11 in) For 1492-C, F, H Blocks

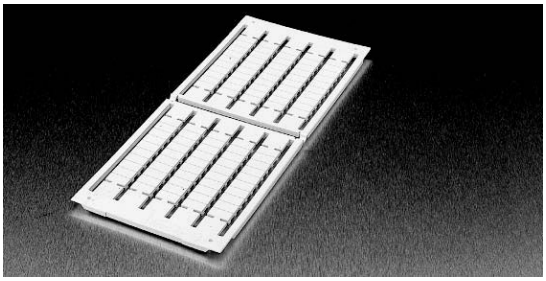
Note: The center and the corners of the 1492-R terminal blocks may be labelled using a 1492-MR9 marking rod, or 1492-AL9 label, or both. For maximum marking space, the 1492-MR15 can be used with or without the 1492-AL15 in the center of the block (this will cover the center jumper area).

Placement of Label on Holder



Cat. No.	Pcs./Pkg.
1492-AL9	1
1492-AL15	1
1492-ALHFB	1
1492-ALWFB	1
1492-N4	1
1492-N5	1
1492-N8	25
1492-N41	50
1492-N43	1
1492-N45	20
1492-N901	50
1492-N4350	1
1492-N43100	1
1492-MR9 (Not Shown)	25
1492-MR15 (Not Shown)	25

Marker Cards



Cat. No.	No. of Labels/Card
1492-SM8X12	70
1492-SMN81	120
1492-SMN83	60

Specifications/Agency Approvals

Multiple Wire Connection Combination for Stranded Copper Conductors of the Same Gross Section for Allen-Bradley Terminal Blocks

Terminal Blocks

Cat. No.	Wire Size AWG (mm²)					
	#22	#20 (0.5)	#18 (0.75)	#16 (1.5)	#14 (2.5)	#12 (4)
	Number of the Same Size Wires Per Terminal					
1492-H4, -H5, -H6, -H7	4	4	3	2	2	1

Fingersafe Terminal Blocks

Cat. No.	Fingersafe Terminal Blocks							
	#22	#20 (0.5)	#18 (0.75)	#16 (1.5)	#14 (2.5)	#12 (4)	#10 (6)	#8 (10)
	Number of the Same Size Wires Per Terminal							
1492-HM1∗	4	4	3	2	2	1	—	—
1492-HM2∗	4	4	3	2	2	1	—	—
1492-HC6	4	4	3	2	2	1	—	—
1492-HM3∗	4	4	4	3	2	2	1	1

∗ Also Colors.

NEMA and IEC Terminal Block Component Specifications*

Tie Point Terminal Blocks — Type HM2C and WD4C

ATTENTION

The total current flow through these terminal blocks (the sum of all inputs or the sum of all outputs) must not exceed the rated current for the device.

Description	Type	Rating
Maximum total current flow through the terminal block	H2C, HM2C	10 A
Maximum working voltage	H2C, HM2C	600V
Operating Ambient temperature range	All	-4…+104 °F (-20…+40 °C)
Storage Temperature Range	All	-40…+167 °F (-40…+75 °C)

Diode Terminal Blocks — Types H2D, HHM2D, WD2D, WD2DR, RD3DF and RD3DR

Description	Symbol	Type	Rating
Peak Repetitive Reverse Voltage Working Peak Reverse Voltage	V (RRM)	H2D, HM2D	600V
	V (RWM) V (R)	RD3DF, RD3DR WD4DF, WD4DR	300V
Non-Repetitive Peak Reverse Voltage (Halfwave, single phase, 60 Hz)	V (RSM)	H2D, HM2D	600V
RMS Reverse Voltage†	V (Rms)	H2D, HM2D	600V
Average Rectified Forward Current Single Phase, Resistive Load, 60 Hz	I (O)	All	1.0 A
Non-Repetitive Peak Surge Current (Surge applied at rated load)	I (FSM)	All	30 A (1 cycle)
Maximum Forward Voltage Drop [I (f) = 1.0 A]	V (F)	All	1.1V
Maximum Reverse Current	I (R)	All	10 µA
Operating Ambient Temperature Range	T (A)	All	–4…+104 °F (–20…+40 °C)
Storage Temperature Range	T (S)	All	–40…+167 °F (–40…+75 °C)

† The maximum voltage rating of the diode terminal blocks listed in the above table should not be exceeded even through the maximum reverse voltage rating of the diode alone is 1000V.

All parameters measured at 77 °F (25 °C).

Resistor Terminal Blocks — Types H2RA, H2RB, H2RC, HM2RA, HM2RB, HM3RB*

Description	Model Code Identifier	Rating
Resistor Type	A	Carbon Fixed Resistor‡
	B	Metal Film Resistor§
	C	Wire Wound Precision Resistor
Standard Resistance Range	A	1.0 (Ω)…100 M (Ω)
	B	1.0 (Ω)…4.75 M (Ω)
	C	249 (Ω)
Resistance Tolerance	A	± 5%
	B	± 1%
	C	± 1%
Power Rating (Resistor) Maximum Continuous Watts at 86 °F (30 °C) Ambient	A	0.5 W
	B	0.25 W
	C	0.5 W
Rated Continuous Working Voltage (Resistor)	A	0.5 x R or 300V Max.
	B	0.25 x R or 250V Max.
	C	0.5 x R or 250V Max.
Operating Ambient Temperature Range	All	–4…+104 °F (–20…+40 °C)
Storage Temperature Range	All	–40…+167 °F (–40…+75 °C)
Dielectric Withstanding Voltage (Resistor)	A	700V
	B & C	500V

* Performance Data — See Publication A115, page Important-2.
‡ The power rating of the resistor block operating in ambient temperatures of 86…104 °F (30…40 °C) should be derated for maximum resistor life. The derating curve is linear between 86 °F (30 °C) and 104 °F (40 °C) where the power rating is 100% of specified power at 86 °F (30 °C) and 85% at 104 °F (40 °C).
§ For further information on resistor performance, consult your local Allen-Bradley Distributor.

Resistor Codes for 1492-RD3RB..., -H2RB... and -HM2RB Terminal Blocks

Ordering Information

In order to complete the cat. no. for **1492-RD3RB..., 1492-H2RB, 1492-HM2RB** add the desired resistor code from the table below.
Example: Cat. No. **1492-RD3RB101** is a resistor terminal block with a 100 (Ω) — 1/4 W resistor.

Resistor Value Ω	Resistor Code	Resistor Value Ω	Resistor Code	Resistor Value Ω	Resistor Code	Resistor Value Ω	Resistor Code
10	100	267	271	8250	822	0.221M	224
11	110	301	301	9090	912	0.243M	244
12.1	120	332	331	10000	103	0.267M	274
13	130	357	361	11000	113	0.301M	304
15	150	392	391	12100	123	0.332M	334
16	160	432	431	13000	133	0.357M	364
18.2	180	475	471	15000	153	0.392M	394
20	200	511	511	16200	163	0.432M	434
22.1	220	562	561	18200	183	0.475M	474
24.3	240	619	621	20000	203	0.511M	514
26.7	270	681	681	22100	223	0.562M	564
30.1	300	750	751	24300	243	0.619M	624
33.2	330	825	821	26700	273	0.681M	684
35.7	360	909	910	30100	303	0.75M	754
39.2	390	1000	102	33200	333	0.825M	824
43.2	430	1100	112	35700	363	0.909M	914
47.5	470	1210	122	39200	393	1.0M	105
51.1	510	1300	132	43200	433	1.1M	115
56.2	560	1500	152	47500	473	1.24M	125
61.9	620	1620	162	51100	513	1.3M	135
68.1	680	1820	182	56200	563	1.5M	155
75	750	2000	202	61900	623	1.62M	165
82.5	820	2210	222	68100	683	1.82M	185
90.9	910	2430	242	75000	753	2.0M	205
100	101	2670	272	82500	823	2.21M	225
110	111	2940	302	90900	913	2.43M	245
121	121	3320	332	0.10M	104	2.67M	275
130	131	3570	362	0.11M	114	3.01M	305
150	151	3920	392	0.121M	124	3.32M	335
162	161	4750	472	0.13M	134	3.57M	365
182	181	5110	512	0.15M	154	3.92M	395
200	201	5620	562	0.162M	164	4.32M	435
221	221	6810	682	0.182M	184	4.75M	475
243	241	7500	752	0.20M	204	249	001

Resistor Codes for 1492-H2RA... and -HM2RA Terminal Blocks

Ordering Information

In order to complete the cat. no. for **1492-H2RA...** and **1492-HM2RA** add the desired resistor code from the table below. Example: Cat. No. **1492-H2RA101** is a resistor terminal block with a 100 (Ω) — 1/2 W resistor.

Resistor Value Ω	Resistor Code	Resistor Value Ω	Resistor Code	Resistor Value Ω	Resistor Code	Resistor Value Ω	Resistor Code	Resistor Value Ω	Resistor Code
1.0	10G	43	430	1800	182	75000	753	3.3M	335
1.1	11G	47	470	2000	202	82000	823	3.6M	365
1.2	12G	51	510	2200	222	91000	913	3.9M	395
1.3	13G	56	560	2400	242	0.10M	104	4.3M	435
1.5	15G	62	620	2700	272	0.11M	114	4.7M	475
1.6	16G	68	680	3000	302	0.12M	124	5.1M	515
1.8	18G	75	750	3300	332	0.13M	134	5.6M	565
2.0	20G	82	820	3600	362	0.15M	154	6.2M	625
2.2	22G	91	910	3900	392	0.16M	164	6.8M	685
2.4	24G	100	101	4300	432	0.18M	184	7.5M	755
2.7	27G	110	111	4700	472	0.20M	204	8.2M	825
3.0	30G	120	121	5100	512	0.22M	224	9.1M	915
3.3	33G	130	131	5600	562	0.24M	244	10M	106
3.6	36G	150	151	6200	622	0.27M	274	11M	116
3.9	39G	160	161	6800	682	0.30M	304	12M	126
4.3	43G	180	181	7500	752	0.33M	334	13M	136
4.7	47G	200	201	8200	822	0.36M	364	15M	156
5.1	51G	220	221	9100	912	0.39M	394	16M	166
5.6	56G	240	241	10000	103	0.43M	434	18M	186
6.2	62G	270	271	11000	113	0.47M	474	20M	206
6.8	68G	300	301	56200	123	0.51M	514	22M	226
7.5	75G	330	331	12000	133	0.56M	564	24M	246
8.2	82G	360	361	13000	153	0.62M	624	27M	276
9.1	91G	390	391	15000	163	0.68M	684	30M	306
10	100	430	431	18000	183	0.75M	754	33M	336
11	110	470	471	20000	203	0.82M	824	36M	366
12	120	510	511	22000	223	0.91M	914	39M	396
13	130	560	561	24000	243	1.0M	105	43M	436
15	150	620	621	27000	273	1.1M	115	47M	476
16	160	680	681	30000	303	1.2M	125	51M	516
18	180	750	751	33000	333	1.3M	135	56M	566
20	200	820	821	36000	363	1.5M	155	62M	626
22	220	910	911	39000	393	1.6M	165	68M	686
24	240	1000	102	43000	433	1.8M	185	75M	756
27	270	1100	112	47000	473	2.0M	205	82M	826
30	300	1200	122	51000	513	2.2M	225	91M	916
33	330	1300	132	56000	563	2.4M	245	100M	107
36	360	1500	152	62000	623	2.7M	275		
39	390	1600	162	68000	683		305		

Surge Suppressor Performance Characteristics and Electrical Component Data*

Surge Suppressor Terminal Blocks			
Performance Characteristic	Cat. No. 1492-H2K024 1492-HM2K024	Cat. No. 1492-H2K120 1492-HM2K120	Cat. No. 1492-H2K240 1492-HM2K240
Nominal Working Voltage (Volts AC or DC)	24	120	240
Maximum AC Working Voltage RMS Continuous (60 Hz)	30	140	275
Maximum DC Working Voltage Continuous	38	160	369
Maximum Clamping Voltage at Current Ip (8/20 µs Pulse)	92V *I*p = 6 A	360V *I*p = 14 A	710V *I*p = 17 A
Maximum Voltage Rate of Rise Bulletin 100 Contactors Types A38…B180 Bulletin 500 Contactors & Starters, Size 0…5 Bulletin 700 Relays	—	<10 V/µs	<10 V/µs
Peak Current (8/20 µs Pulse)	250 A	150 A	150 A
Typical Leakage Current at Nominal AC Working Voltage	1.0 mA	4.5 mA	10.0 mA
Metal Oxide Varistor (MOV) Maximum Clamping Voltage at Current Ip (8/20 µs Pulse) Maximum Transient Energy Maximum Power Dissipation	—	—	—

* Performance Data — See Publication A115, page Important-2.
Performance data given in this catalog is provided as a guide for the user in determining suitability and does not constitute a warranty. It may represent the result of accelerated testing at elevated stress levels and the user should correlate it to actual application requirements. Actual performance is subject to Allen-Bradley WARRANTY and LIMIT OF LIABILITY.

Component Specifications

Characteristic	Suppressor Cat. No. 1492-H2K024 1492-HM2K024	Suppressor Cat. No. 1492-H2K120 1492-HM2K120	Suppressor Cat. No. 1492-H2K240 1492-HM2K240
Capacitor Nominal Value Tolerance Maximum DC Working Voltage	 0.10 µF ±20% 500V DC	 0.10 µF ±20% 500V DC	 0.10 µF ±20% 500V DC
Metal Oxide Varistor (MOV) Maximum Clamping Voltage at Current *I*p (8/20 µs Pulse) Maximum Transient Energy Maximum Power Dissipation	92V *I*p = 5 A 1.8 J 0.25 W	360V *I*p = 10 A 12 J 0.25 W	710V *I*p = 10 A 23 J 0.25 W
Resistor Nominal Value Tolerance Power Rating	 100 Ω ±20% 2 W at 104 °F (40 °C)	 100 Ω ±20% 2 W at 104 °F (40 °C)	 100 Ω ±20% 2 W at 104 °F (40 °C)

Technical Specifications for Fuse Plugs†

Characteristic	1492-FP4	1492-FP424	1492-FP4250
Indicator Type	Non-Indicating	LED	Neon
Leakage Current	—	2 mA @ 24V	1 mA @ 264V
Working Voltage	Per Fuse Rating	10…57V AC/DC	85…264V AC
Fuse Size (Not Supplied)	5 x 20 mm		

† Maximum current rating for the fuse plug is 10 A at 250V. IEC standards for 5 x 20 mm fuses do not include ratings above 6.3A.

UL/CSA File and Guide Numbers Arranged by Base Cat. Nos.

Base Cat. No.	UL Number File	UL Number Guide	CSA Number File	CSA Number Class
1492-CA, -CE, -CD	E40735	XCFR2	LR67896	622801
1492-CB	E65138	QVNU2	LR37712	9091-01
1492-CE6	E34648	IZLT2	LR67896	622801
1492-F	E40735	XCFR2	LR67896	622801
1492-FB	E34646	IZLT	LR70915	622501
1492-H1, -H2, -HM1, -HM2, -HM3	E40735	XCFR2	LR67896	622801
1492-H4, -H5, -H6, -H7	E40735	XCFR2	LR67896	622801
1492-HC6, -HJ	E40735	XCFR2	LR67896	622801