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INTERSTATE COUNCIL FOR STANDARDIZATION, METROLOGY AND CERTIFICATION
(ISC)

IEC 61347-2-13- 2021

2-13

(IEC 61347-2-13:2014+AMD1:2016 CSV, IDT)

2024

IEC 61347-2-13—2021

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1.2 «
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3 (30 2021 . 139-)
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(3166) 004—97	(3166) 004—97	
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4 2024 . 789- IEC 61347-2-13—2021 14
1 2025 .
5 IEC 61347-2-13:2014+AMD1:2016
CSV « 2-13.
» («Lamp controlgear — Part 2-13: Particular requirements for d.c. or a.c. supplied electronic controlgear for LED modules», IDT).
34 «
» IEC/TC 34 «
(IEC).
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6 IEC 61347-2-13—2013

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IEC 61347-2-13—2021

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7.1	4
7.2	4
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10	4
11	4
12	4
13	()	4
14	4
15	5
15.1	5
15.2	5
15.3	5
16	5
17	5
18	,	5
19	,	5
20	5
21	U_{out}	5
	()	7
	()	7
	()	7
	D ()	8
	() S, 4 500, ? _w ..	8
	F ()	8
	G ()	9
	()	9
	I ()	9
	J ()	9
	/	10
	()	12
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CSV.

IEC 61347-2-13:2014+AMD1:2016

IEC 61347-1. -
IEC 61347-1,

IEC 61347-2-13—2021

IEC 61558-2-6:2009, Safety of transformers, reactors, power supply units and similar products for supply voltages up to 1 100 V — Part 2-6: Particular requirements and tests for safety isolating transformers and power supply units incorporating safety isolating transformers ()

1100 . 2-6. -

IEC 61558-2-16:2009, Safety of transformers, reactors, power supply units and similar products for supply voltages up to 1 100 V — Part 2-16: Particular requirements and tests for switch mode power supply units and transformers for switch mode power supply units ()

1100 . 2-16. -

IEC 62384:2006, DC or AC supplied electronic controlgear for LED modules — Performance requirements ()

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IEC 61347-1, -

3.1 (electronic controlgear for LED modules):

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3 — -

3.2

(d.c. or . . supplied controlgear):

3.3

(SELV controlgear): -

3.4

IEC 61558-2-6 IEC 61558-2-16.

(associated controlgear): -

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3.5 (plug-in controlgear): -

3.6

(rated output voltage for constant voltage controlgear): -

3.7

(rated output current for constant current controlgear): -

3.8	; (light emitting diode; LED):	-
3.9	(LED module):	-
3.10	(maximum output voltage):	-
3.11	(emergency lighting):	-
3.12	emergency supply voltage or voltage range):	(rated -
3.13	; EOF _x (emergency output factor; EOF _x):	-
1 —	(EOFV)	(EOFI), (EOFV)
2 —		-
3.14	(emergency supply current):	-
4	IEC 61347-1 (4)	-
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		-
	IEC 61558.	-
	300	-
	3	-
5	IEC 61347-1 (5),	-
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	6—12 15—20;	-
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6),		IEC 61347-1 (-
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7

7.1

IEC 61347-1 (7.2) :
 IEC 61347-1 (a), b),), d),), f), k), l), m), t) , 7.1;
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7.2

IEC 61347-1 (h), i), j) s), 7.1);

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IEC 61347-1 (10).

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IEC 61347-1 (8).

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IEC 61347-1 (9).

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IEC 61347-1 (11).

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IEC 61347-1 (12).

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IEC 61347-1 (13).

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IEC 61347-1 (14),

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15.1

IEC 61347-1 (L.6 L.7),

15.1 15.2

IEC 61347-1 (10.4).

15.2

IEC 61347-1 (L.6),

t_c

15.3

IEC 61347-1 (L.7).

90 % 110 %

(,) 1 .

16

IEC 61347-1 (15).

17

14

IEC 61347-1 (16).

18

IEC 61347-1 (17).

19

IEC 61347-1 (18).

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IEC 61347-1 (19).

21

U_{out}

(L_{out}) .

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PRI SEC.

()

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IEC 61347-1 ().

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IEC 61347-1 ().

IEC 61347-2-13—2021

(D)

IEC 61347-1 (D).

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S, 4 500, f_w

IEC 61347-1 () 50/60 .

(F)

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IEC 61347-1 (F).

(G)

IEC 61347-1 (G).

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IEC 61347-1 ().

(I)

IEC 61347-1 (L).

IEC 61347-2-13—2021

(J)

J.1

IEC 61347-2-7.

J.2

J.2.1

7.1,



[: IEC 61347-2-7:2011]

J.2.2

7.2

(EOF_x);

J.3

20 200 ,

R_{load} / R_{load} R_{load} 1 %.

J.4

(),

J.5

IEC 62384:2006 (7.2) 90 % 110 %

J.6

±15 %

J.7

IEC 61547.

J.8

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J.1.

J.1—

3		10	2

IEC 61347-1 (G.2).

J.9

IEC 62384:2006 (12).

J.10

IEC 62384:2006 (13).

J.11

EOF_x

EOF_x

EOF_x

5 60

EOF_x

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EOF_x
 EOF_x

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EOF_x

EOF_x
5 60

EOF_x

60

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50 %

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EOF_x

60

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EOF_x

60 0,5

EOF

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IEC 61347-1	IDT	IEC 61347-1—2019 « 1.»	»
IEC 61347-2-7:2011	IDT	IEC 61347-2-7—2014 « 2-7.»	»
IEC 61547	IDT	IEC 61547—2013 «	»
IEC 61558-1	IDT	IEC 61558-1—2012 « 1.»	»
IEC 61558-2-1	IDT	IEC 61558-2-1—2015 « 2-1.»	»
IEC 61558-2-2	IDT	IEC 61558-2-2—2015 « 2-2.»	»
IEC 61558-2-3	IDT	IEC 61558-2-3—2015 « 2-3.»	»
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IEC 61558-2-9	IDT	IEC 61558-2-9—2015 « , 2-9. III »	- . - .
IEC 61558-2-10	IDT	IEC 61558-2-10—2015 « , 2-10. 1000 »	- - -
IEC 61558-2-12	IDT	IEC 61558-2-12—2015 « , 2-12. »	- - -
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IEC 61558-2-6:2009	IDT	IEC 61558-6—2012 « 2-6. »
- IDT —		

IEC 60050 ()	International Electrotechnical Vocabulary ()
IEC 60051 ()	Low voltage electrical installations — Part 4-41: Protection for safety — Protection against electric shock (4-41.)
IEC 60083:2004	Plugs and socket-outlets for domestic and similar general use standardized in member countries of IEC (—)
IEC 60085:2004	Electrical insulation — Thermal classification ()
IEC 60364-4-41:2005:2006	Low voltage electrical installations — Part 4-41: Protection for safety — Protection against electric shock (4-41.)
IEC 60384-14:2005	Fixed capacitors for use in electronic equipment — Part 14: Sectional specification: Fixed capacitors for electromagnetic interference suppression and connection to the supply mains (14.)
IEC 60417	Graphical symbols for use on equipment Available at http://www.graphical-symbols.info/ equipment (http://www.graphical-symbols.info/equipment)
IEC 60449:1973 1 (1979)	Voltage bands for electrical installations of buildings ()
IEC 60906 ()	IEC system of plugs and socket-outlets for household and similar purposes (IEC)
IEC 60950-1:2005	Information technology equipment — Safety — Part 1: General requirements (1.)
IEC 60558-1:2005	Safety of power transformers, power supplies, reactors and similar products — Part 1: General requirements and tests (1.)
IEC 60558-2-1:2007	Safety of power transformers, power supplies, reactors and similar products — Part 2-1: Particular requirements and tests for separating transformers and power supplies incorporating separating transformers for general applications (2-1.)
IEC 60558-2-4:2009	Safety of transformers, reactors, power supply units and similar products for supply voltages up to 1 100 V — Part 2-4: Particular requirements and tests for isolating transformers and power supply units incorporating isolating transformers (1100 2-4.)
IEC 60558-2-13:2009	Safety of transformers, reactors, power supply units and similar products for supply voltages up to 1 100 V — Part 2-13: Particular requirements and tests for auto transformers and power supply units incorporating auto transformers (1100 2-13.)
IEC 62505	General lighting — Light emitting diode (LED) products and related equipment — Terms and definitions ((LED))

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