



**A WORLD LEADER
in safety & reliability
for electrical power**

A GLOBAL PLAYER

Global expert in materials and equipment for extreme environments and in the safety and reliability of electrical equipment.

Mersen designs innovative solutions to address its clients' specific needs to enable them to optimize their manufacturing process in sectors such as Energy, Transportation, Electronics, Chemical, Pharmaceutical and Process Industries.

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Electrical Power

Low Voltage Disconnect Switches

Mersen
launches a global line
of premium compact
low voltage switchgear

NEW
LINE



MERSEN
Expertise, our source of energy

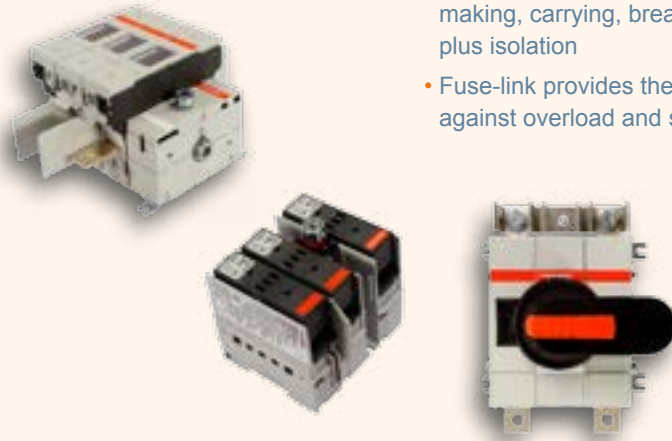
Mersen launches a global line of premium

Mersen Electrical Power has now the broadest range of switches in the industry, with a full line of accessories to accommodate virtually any application. This range is global and encompasses both UL and IEC standard products for AC and DC applications. On UL side our fusible line of switches now extends to 1200A Class L.

Modular design enables multiple configurations: handle can be mounted in the middle of the switch, or at either side. With our economical design you benefit from a very cost competitive offering. Compact size enables the smallest footprint amongst the competition. Our 40A UL508 switches are only 35mm wide! Comfortable pistol-style handles allow greater leverage and gripping force. Robust design incorporates rugged, pivot-able mounting feet.

Fusible Switches

25A to 1250A
690V



Function

- Standard switch-disconnect provides the load break switching function: making, carrying, breaking current plus isolation
- Fuse-link provides the protection against overload and short circuit

Non-fusible Switches

16A to 4000A
690V

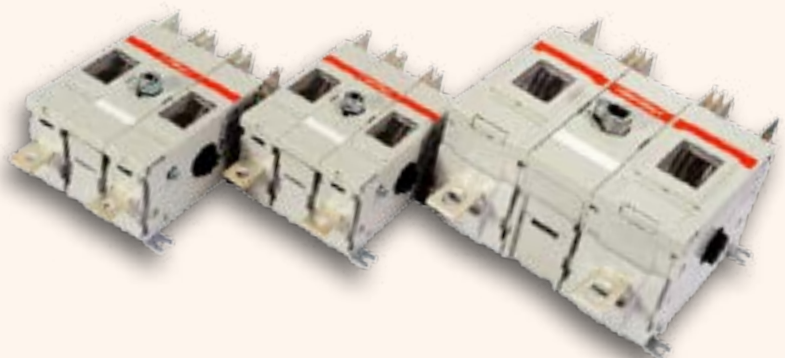


Function

- Standard switch-disconnect provides the load break switching function: making, carrying, breaking current plus isolation

PV-rated Switches

100A to 500A
Up to 1000VDC



Function

- Standard switch-disconnect provides the load break switching function: making, carrying, breaking current plus isolation

compact low voltage switchgear

Features

- **Safety:** Safe to install and safe to the user
- **Performance:** Suitable for all locations in low voltage networks
- **Size:** Space savings due to compactness, very small footprint
- **Flexibility in installation:** Complete range of accessories which support installation flexibility
- **Flexibility in logistics:** Ordering process and stock control is more fluent due to reduced part numbers
- **Environmental impact:** No harmful material

Fuse Range

- UL/CSA
- CC, J and L fuses
- IEC DIN/NFC
- NH fuses / Cylindrical fuses

Versions and accessories

- Extended shaft
- Pistol type handle
- Direct mounting type handle
- 3-pole and 4-pole version
- Mechanical inter locking
- Front- or side-operated
- Terminal shrouds
- Auxiliary contacts
- Lugs (for UL/CSA models)

Features

- **Safety:** Harmless time for operating personnel, visible contact



Safety: Window provides visible verification of position of switch.

- **Performance:** Higher power ratings than competition, suitable for many applications
- **Size:** Most compact solution meaning savings in cost
- **Flexibility in installation:** Fast and reliable installation every time
- **Flexibility in logistics:** Ordering process and stock control is more fluent due to reduced part numbers
- **Environmental impact:** No harmful material

Versions and accessories

- Extended Shaft
- Terminal clamp
- Fourth pole, N- and PE-terminals
- Auxiliary contacts
- Terminal shroud
- Shaft alignment ring
- Legend plate
- Selector type handle
- Handle knob
- Pistol type handle
- Conversion kit
- Labelling accessories
- Cam attachment for interlocking

Applications

- 2-pole PV-rated switches disconnect individual strings, individual arrays and PV inverter from the DC side

Features

- **Safety:** Robust design, visible contacts, user-independent operation
- **Performance:** Specifically designed for DC applications: dual magnetic breaking
- **Size:** 40% to 57% smaller footprint = greatly reduced installation area
- **Flexibility in installation:** Symmetrical power-pole design independent of polarity
- **Flexibility in logistics:** Ordering process and stock control is more fluent due to reduced part numbers
- **Environmental impact:** No harmful material

Versions and accessories

- Extended shaft
- Pistol type handle
- Direct mounting type handle
- Auxiliary contact
- Module for auxiliary contact
- Mechanical and electrical interlock
- Terminal clamp
- Short-circuit link
- Terminal shroud