



# FUSERBLOC

Fuse combination switches  
for industrial fuses up to 1250 A

Fuse protection



FUSERBLOC  
630 to 1250 A



FUSERBLOC  
32 to 400 A



FUSERBLOC  
20 to 32 A

## The solution for

- > Motor load break
- > Protection of industrial processes



## Strong points

- > Improved safety
- > High breaking capacity
- > Specific functionalities for simplified use

## A complete range

- > Centred or left side operation, rear connections, plug-in connections. Please consult us.

## Conformity to standards

- > IEC 60947-3
- > EN 60947-3
- > BS EN 60947-3
- > NBN EN 60947-3
- > IEC 60269-1
- > DIN EN 60269-1
- > NF EN 60269-1
- > IEC 60269-2
- > VDE 0636-1
- > VDE 0660-107
- > Standards UL: see FUSERBLOC UL



## Function

FUSERBLOC are manually operated multipolar fuse combination switches. They make and break on load and provide safety isolation and protection against overcurrent for any low voltage electrical circuit.

## Advantages

### Improved safety

- Complete isolation of the fuse with double breaking per pole (top and bottom of fuse).
- Positive break indication.
- IP2X protection with terminal shrouds front panel.

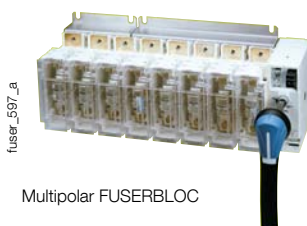
### High breaking capacity

Protection against overloads and short-circuits thanks to high breaking capacity fuses (100 kA rms).

### Specific functionalities for simplified use

- TEST position for testing control circuits without energising the power poles using U-type auxiliary contacts. In TEST position, the enclosure door can be opened.
- Mechanical or electronic fuse melting detection system (see DDMM or FMD page 270).

## Customised solutions



Multipolar FUSERBLOC



Centred operation

## Approvals and certifications<sup>(1)</sup>



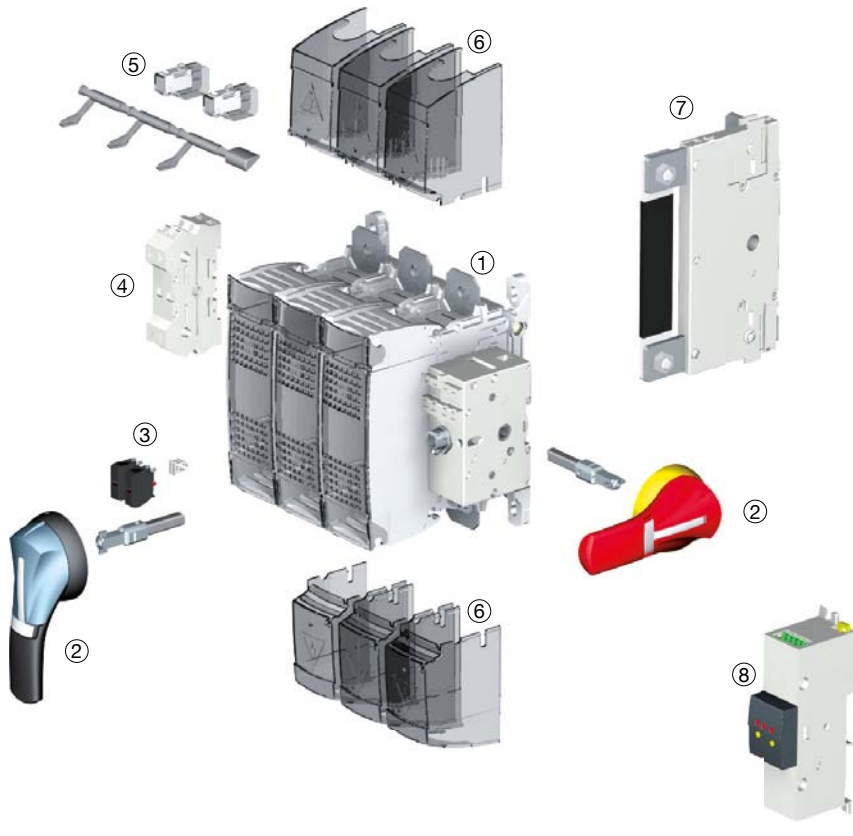
LOVAG



<sup>(1)</sup> Product reference on request.

## What you need to know

- In addition to the FUSERBLOC rating, product selection also depends on the fuse characteristics and functional specifications, which need to be in accordance with the application. SOCOMEC FUSERBLOC are available for utilisation with **NFC, DIN or BS88 fuses**.



- FUSERBLOC switch fuse
- External front or side operation handle
- U type auxiliary contact (pré-break and switch position signalling)
- S and ST auxiliary equipment control and switch position signalling contacts
- Melted fuse mechanical detection and indication device (DDMM)
- Top and bottom terminal shrouds
- Integrated solid neutral link
- Electronic fuse monitoring device (FMD) detects worked fuse and provides signals to operator, PLC or supervision systems. Compatible with BS88, DIN and UL fuse types.
  - LED visual indication
  - Bi-stable relay for PLC: alarm, remote device tripping, etc.
  - TEST button: any time functional product verification
  - FUSERBLOC direct mounting, either back plate, DIN-rail or door mounting

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- Whether it is 3 pole + switched neutral or 3 pole + solid neutral, the **FUSERBLOC 20 to 32 A with direct front operation and external operation** is the best suited solution in compact design.



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fuser\_705\_a\_2\_cat

- From 32 to 400 A, the FUSERBLOC is available in 2, 3 or 4 poles with **direct right side operation**.



- For ratings 20 to 400 A, the **flat mounting kit** provides a compact solution ideally suited to withdrawable applications.
- Maintenance of outputs from the DC common bus.



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