



Fuse combination switches

for specific applications

Fuse protection

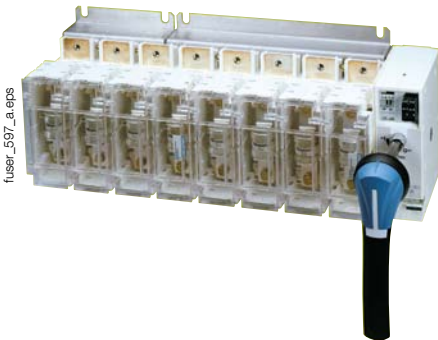
Despite already offering a wide range of fuse combination switches, SOCOMEC also manufactures specific products suitable for all your requirements and dedicated to specific applications. Some of these products can be seen on these two pages, however this list does not include them all. Please contact us for more information.

Conformity to standards

- > IEC 60947-3
- > BS EN 60947-3
- > IEC 60269-2
- > VDE 0660-107



Multipolar *FUSERBLOC*



Thanks to the modular concept of FUSERBLOC it is possible to produce multipolar devices and combine ratings from 50 to 1250 A. This is interesting when several motors need to be operated through a single handle.

Example: protecting three AC motors and a single DC motor.

This simple concept also provides a considerable space saving in electrical cabinets when compared to other solutions.

Central mechanism *FUSERBLOC*



The modular construction of FUSERBLOC allows the assembly of poles in multiple configurations thereby enabling the control mechanism to be fitted in any location, including central.

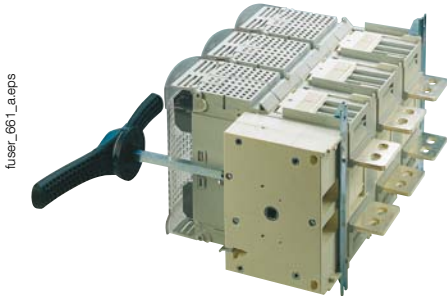
This kind of configuration is very practical for high-density cabinets or if the unit is mounted close to door hinges.

Fused changeover switches



Available from 20 to 400 A, the FUSERBLOC changeover switch range is a great solution for safeguarding of energy supply, protection and disconnection of stand-by pumps and other sensitive loads.

FUSERBLOC rear connection



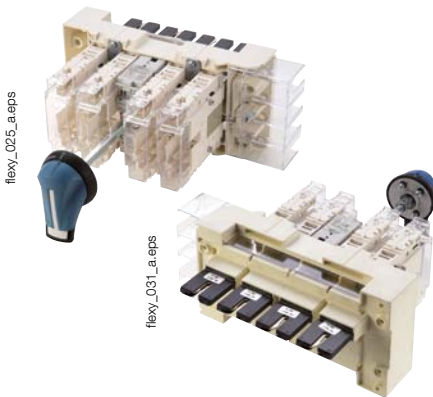
This connection mode simplifies the partitioning of the control areas, the switch body and the power connections, while reducing the required space of the overall solution.

FUSERBLOCs from 32 to 1250 A (DIN and BS fuses) can combine the various connection modes:

- rear/rear
- front/rear
- rear/front.

Please contact us for more information.

Plug-in FUSERBLOC



Connect directly to busbars (60 mm pitch) using contact clamps. Available from 32 to 400 A (DIN and BS fuses).

Plug-in FUSERBLOCs save a considerable amount of space in your distribution or motor control panels. For maintenance purposes, the switch can be easily removed without causing any power interruption.

Can respond up to IIS323 according to UTE 63429.

Please contact us for more information.

FUSERBLOC LMDC

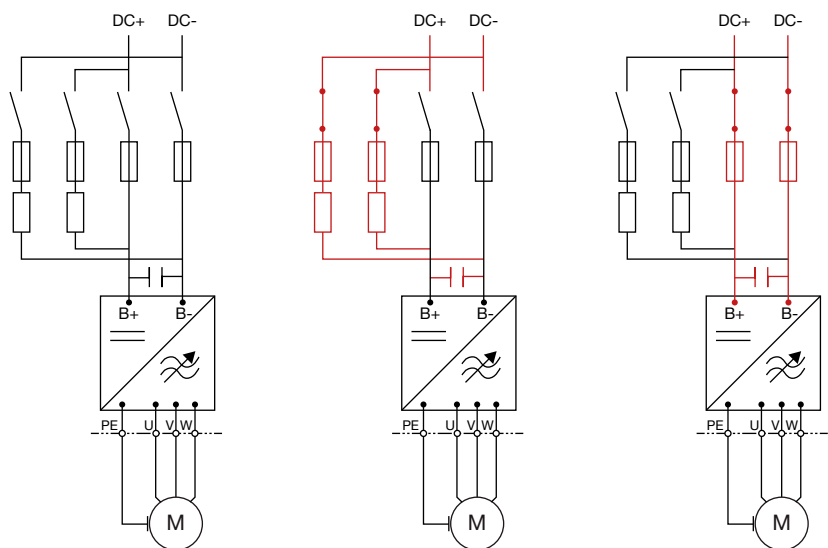


Protect variable speed drives under a common DC bus.

Multifunctional device for performing maintenance work on a branch of the electrical installation while leaving the rest of the equipment energised.

Load break switching, protection and triggering with pre-loading of capacitors, all in a single product.

Example: Variable speed drive disconnected from the common DC bus. The inverter capacitors discharge and the direct power up would cause a current draw that could damage the inverter, or even shut down the entire system (voltage drop). This inrush current must be limited.



Disconnected variable speed drive and motor

Manual interlocking and capacitors charging through the precharge circuit while limiting the current draw.

Automatic switching over to the main protection circuit, connecting the VSD to the DC bus.

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