

Fuse combination switches

for specific applications

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.

Fused changeover switches



Available from 600⁽¹⁾ to 800 A, the **FUSERBLOC changeover switch** range is a great solution for safe guarding of energy supply, protection and disconnection of stand-by pumps and other sensitive loads. (1) Other ratings: please consult us.

Factory mounted UL 98 certified 600 A and 800 A fusible changeover switches with three stable positions: I - 0 - II and padlockable in OFF position.

References for UL listed fused changeover switches

Rating (A)	No. of poles	Fuse	Reference	External operation handle	Shaft
600 A	2 P	Class J	3881 2060		320 mm 1401 1532 400 mm 1401 1540
	3 P		3881 3060	S4 type, 4,4X, Black 1 44D 3113	
	4 P		3881 4060		
800 A	2 P	Class L	3881 2080		
	3 P		3881 3080		
	4 P		3881 4080		

Dimensions



user-ul_024_a_1_x_cat.ai

137

Fuse combination switches

FUSERBLOC LMDC (not UL listed)





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

DC+ DC-

Manuel interlocking and capacitors

circuit while limiting the current draw.

charging through the precharge

FUSERBLOCs LMDC are designed to perform the maintenance of DC/AC speed drives or PV inverters without stopping the entire installation. This multifunctional device for performing maintenance work on a branch of the electrical system while leaving the rest of the equipment energised. FUSERBLOCs LMDC ensure a safe charge of capacitive loads by limiting high inrush

current during power-up of the branch and thus reducing stress to components.



the VSD to the DC bus.

fuser-Im_012_a_1_x_cat.ai

References

Rating (A)	No. of main poles	Fuse size of main poles	Pre-charge poles (DIN 43620)	Reference	External front handle	Direct front handle	Shaft for external front handle
125 A	2	DIN 43620 00	2 x 160 A Size 00	38DR 2012 ⁽¹⁾⁽²⁾	S3 type	Black 3899 6011	
160 A	2	DIN 43620 1	2 x 160 A Size 00	38DR 2016 ⁽¹⁾⁽²⁾	Black IP65 1433 3111 Red/Yellow IP65		200 mm
250 A	2	DIN 43620 2	2 x 160 A Size 00	38DR 2025 ⁽¹⁾⁽²⁾			
400 A	2	DIN 43620 3	2 x 160 A Size 00	38DR 2040 ⁽¹⁾⁽²⁾	1434 3111		320 mm
630 A	2	DIN 43620 3	2 x 160 A Size 00	38DR 2063 ⁽¹⁾⁽²⁾	S4 type	Black 3899 7011	1400 1232 500 mm 1400 1250
900 A	2	KN/110	2 x 160 A Size 00	38DR 2090 ⁽¹⁾⁽²⁾	Black IP65 1443 3111		
1100 A	4 (2 //)	DIN 43620 3	2 x 160 A Size 00	38DR 4110 ⁽¹⁾⁽²⁾	Red/Yellow		
1600 A	4 (2 //)	KN/110	2 x 160 A Size 00	38DR 4160 ⁽¹⁾⁽²⁾	1444 3111		

(1) Coil must be ordered separately.

(2) Include standard fuse protection cover. If fuse microswitch is used please use specific fuse protection cover.

Socomec

138