

35003180

AC Load break switch SIDERMAT 3P 1800A front operation



Strong points

- Remote tripping
- Safety with visible double breaking
- Robust construction: suitable for use in harsh conditions

General characteristics

- 250A to 1800A.
- 3P or 4P available.
- Direct or external handle.
- Auxiliary contact optional.

Compliance with standards

- IEC 60947-3

Link to the reference

<https://apac.socomec.com/en/reference/35003180>

SIDERMATs make and break under load conditions and provide safety isolation for any low voltage circuit.

The tripping function assures the following functions:

- protection of persons against insulation faults through combination with toroids and differential relays,
- protection against surges by working with CTs and thermal relays,
- fuse-based protection against short circuits.

Classification

UNSPSC	39122233
ETIM Class	EC000216
IGCC	5290

Commerce

Effective date	1997-04-07
Country of origin	FR
Length of the product unit	0.36
Width of the product unit	0.582
Depth of the product unit	0.2565
Weight	20.26

ETIM - Electrical characteristics

Max. rated operation voltage Ue AC [V]	690
Rated operating voltage [V]	400..690
Rated permanent current Iu [A]	1800
Rated permanent current at AC-23, 400 V [A]	1600
Rated permanent current at AC-21, 400 V [A]	1800
Rated operation power at AC-23, 400 V [kW]	600
Switching power at 400 V [kW]	600
Conditioned rated short-circuit current Iq [kA]	120
Number of poles	3

ETIM - Mechanical characteristics

Suitable for floor mounting	No
Suitable for front mounting 4-hole	Yes
Suitable for front mounting centre	No
Suitable for distribution board installation	No
Suitable for intermediate mounting	Yes
Colour control element	Other
Degree of protection (IP), front side	IP20

ETIM - Technical features

Version as main switch	Yes
Version as maintenance-/service switch	Yes
Version as safety switch	Yes
Version as emergency stop installation	Yes
Version as reversing switch	No
Number of switches	1
Motor drive optional	No
Motor drive integrated	No
Voltage release optional	Yes
Device construction	Built-in device fixed built-in technique
Type of control element	Other

Interlockable	Yes
Type of electrical connection of main circuit	Bolt connection
Logistics	
GTIN/EAN	3596031164844
Customs number	8536508090
Price unit	PC
Weight of the packing unit	20.26
Length of the packing unit	0.42
Width of the packing unit	0.58
Depth of the packing unit	0.76
Norms	
Conformity to standards	IEC
Technical Characteristics	
Control operator	Direct : S3 / External : S3
Number of poles	3
Rated voltage	690 VAC
Rated current	1800
Type	Front operation
Frame size	3c