

**35053180**

## AC Load break switch SIDERMAT 3P 1800A side 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

### Access to resources (ex: manuals)

<https://www.socomec.co.uk/en-gb/reference/35053180>

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	0.522
Depth of the product unit	0.2795
Weight	22

### 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
<b>Logistics</b>	
GTIN/EAN	3596031171309
Customs number	8536508090
Price unit	PC
Weight of the packing unit	22
<b>Norms</b>	
Conformity to standards	IEC
<b>Technical Characteristics</b>	
Control operator	Direct : S3 / External : S3
Number of poles	3
Rated voltage	690 VAC
Rated current	1800
Type	Lateral left operation
Frame size	3c