

35004081

AC Load break switch SIDERMAT 4P 800A 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

Access to resources (ex: manuals)

<https://www.socomec.co.uk/en-gb/reference/35004081>

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	1992-01-22
Country of origin	FR
Length of the product unit	0.32
Width of the product unit	0.57
Depth of the product unit	0.262
Weight	16.091

ETIM - Electrical characteristics

Max. rated operation voltage Ue AC [V]	690
Rated operating voltage [V]	400..690
Rated permanent current Iu [A]	800
Rated permanent current at AC-23, 400 V [A]	630
Rated permanent current at AC-21, 400 V [A]	800
Rated operation power at AC-23, 400 V [kW]	475
Switching power at 400 V [kW]	475
Conditioned rated short-circuit current Iq [kA]	100
Number of poles	4

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	3596031165520
Customs number	8536508090
Price unit	PC
Weight of the packing unit	16.091
Length of the packing unit	0.415
Width of the packing unit	0.545
Depth of the packing unit	0.3
Norms	
Conformity to standards	IEC
Technical Characteristics	
Control operator	Direct : S3 / External : S3
Number of poles	4
Rated voltage	690 VAC
Rated current	800
Type	Front operation
Frame size	2