

35054161

AC Load break switch SIDERMAT 4P 1600A 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

Link to the reference

<https://apac.socomec.com/en/reference/35054161>

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.

==== System =====

Fill rate E-Order Common	100
Fill rate E-Order Selection	100

Classification

UNSPSC	39122233
ETIM Class	EC000216
IGCC	5290

Commerce

Effective date	1992-01-22
Country of origin	FR
Discount Policy	1CA55
Discount Policy Label	SIDERMAT
Length of the product unit	0.36
Width of the product unit	0.641
Depth of the product unit	0.2795
Weight	24.41

ETIM - Electrical characteristics

Max. rated operation voltage Ue AC [V]	690
Rated operating voltage [V]	400..690
Rated permanent current Iu [A]	1600
Rated permanent current at AC-23, 400 V [A]	1600
Rated permanent current at AC-21, 400 V [A]	1600
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	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	3596031171361
Customs number	8536508090
Price unit	PC
Weight of the packing unit	24.41

Norms

Conformity to standards	IEC
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Technical Characteristics

Control operator	Direct : S3 / External : S3
Number of poles	4
Rated voltage	690 VAC
Rated current	1600
Type	Lateral left operation
Frame size	3b