

35004121

AC Load break switch SIDERMAT 4P 1250A 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/35004121>

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 | 0.33 |
| Width of the product unit | 0.702 |
| Depth of the product unit | 0.2565 |
| Weight | 30 |

ETIM - Electrical characteristics

| | |
|---|----------|
| Max. rated operation voltage Ue AC [V] | 690 |
| Rated operating voltage [V] | 400..690 |
| Rated permanent current Iu [A] | 1250 |
| Rated permanent current at AC-23, 400 V [A] | 1250 |
| Rated permanent current at AC-21, 400 V [A] | 1250 |
| Rated operation power at AC-23, 400 V [kW] | 750 |
| Switching power at 400 V [kW] | 750 |
| 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 | 3596031165575 |
| Customs number | 8536508090 |
| Price unit | PC |
| Weight of the packing unit | 30 |
| Length of the packing unit | 0.293 |
| Width of the packing unit | 0.418 |
| Depth of the packing unit | 0.546 |
| Norms | |
| Conformity to standards | IEC |
| Technical Characteristics | |
| Control operator | Direct : S3 / External : S3 |
| Number of poles | 4 |
| Rated voltage | 690 VAC |
| Rated current | 1250 |
| Type | Front operation |
| Frame size | 3a |