

Product datasheet

Specifications



Miniature circuit breaker (MCB), Acti9 P25M, 3P, 1.6A, K curve, 3kA (IEC/EN 60947-2)

21105

⚠ Discontinued on: 20 Aug 2020

⚠ Discontinued

Main

| | |
|---------------------------|--------------------------------|
| Range of product | P25M |
| Range | Acti9 |
| Product name | Acti9 P25M |
| Product or component type | Miniature circuit-breaker |
| Device short name | P25M |
| Device application | Motor |
| Poles description | 3P |
| Number of protected poles | 3 |
| [In] rated current | 1.6 A |
| Network type | AC |
| Trip unit technology | Thermal-magnetic |
| Curve code | K |
| Utilisation category | AC-3 conforming to IEC 60947-2 |
| Suitability for isolation | Yes conforming to IEC 60947-2 |

Complementary

| | |
|--------------------------------|---|
| Network frequency | 50/60 Hz |
| [Ue] rated operational voltage | 440 V AC 50/60 Hz 230...240 V AC 50/60 Hz 400...415 V AC 50/60 Hz 500 V AC 50/60 Hz 690 V AC 50/60 Hz |
| Magnetic tripping limit | 12 x In |
| [Ui] rated insulation voltage | 690 V AC 50/60 Hz conforming to EN/IEC 60947-2 |
| Contact position indicator | Yes |
| Control type | Manual tripping test Toggle |
| Local signalling | ON/OFF indication |
| Mounting mode | Clip-on |
| Mounting support | 35 mm symmetrical DIN rail |
| 9 mm pitches | 5 |
| Height | 89 mm |
| Width | 45 mm |

| | |
|-----------------------------|---|
| Depth | 70 mm |
| Net weight | 0.26 kg |
| Electrical durability | AC-3: 100000 cycles AC 50/60 Hz conforming to IEC 60947-2 |
| Provision for padlocking | Padlockable |
| Locking options description | Integrated padlocking |
| Connections - terminals | Clamps terminal2 cable(s) 1...6 mm ² rigid Clamps terminal2 cable(s) 1...6 mm ² flexible |
| Tightening torque | 1.7 N.m |
| Earth-leakage protection | Without |

Environment

| | |
|---------------------------------------|---|
| Standards | EN/IEC 60947-2 |
| Product certifications | DEMKO NEMKO SEMKO FIMKO CEBEC |
| Overvoltage category | III |
| Tropicalisation | 2 conforming to IEC 60947-2 |
| Relative humidity | 95 % at 55 °C |
| Operating altitude | 2000 m |
| Ambient air temperature for operation | -20...60 °C |
| Ambient air temperature for storage | -40...80 °C |

Packing Units

| | |
|------------------------------|-----------|
| Unit Type of Package 1 | PCE |
| Number of Units in Package 1 | 1 |
| Package 1 Height | 4.700 cm |
| Package 1 Width | 8.500 cm |
| Package 1 Length | 9.500 cm |
| Package 1 Weight | 254.000 g |
| Unit Type of Package 2 | S02 |
| Number of Units in Package 2 | 24 |
| Package 2 Height | 15.000 cm |
| Package 2 Width | 30.000 cm |
| Package 2 Length | 40.000 cm |
| Package 2 Weight | 6.345 kg |

Contractual warranty

| | |
|----------------------|----|
| Warranty (in months) | 18 |
|----------------------|----|



Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

[Environmental Data explained >](#)

[How we assess product sustainability >](#)

Use Better

Materials and Packaging

| | |
|--|--|
| Packaging made with recycled cardboard | No |
| Packaging without single use plastic | No |
| SCIP Number | A5d77dbf-a6e9-4eb6-9bee-b5ccc7cdc852 |
| EU RoHS Directive | Compliant By Exemption |
| REACH Regulation | Reference contains Substances of Very High Concern above the threshold |
| Halogen-free status | Product contains halogen above thresholds |

Use Longer

Lifetime extension

| | |
|--------|----|
| Repair | No |
|--------|----|

Use Again

Repack and remanufacture

| | |
|---------------------------------|---|
| End of life manual availability | No need of specific recycling operations |
| Take-back | No |
| WEEE Label | The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins |