

Product datasheet

Specifications



Miniature circuit breaker (MCB), Acti9 P25M, 3P, 0.16A, K curve, 3kA (IEC/EN 60947-2)

21100

⚠ Discontinued on: 4 Aug 2021

⚠ Discontinued

EAN Code: 3303430211006

Main

| | |
|---------------------------|--------------------------------|
| Range Of Product | P25M |
| Range | Acti9 |
| Product Name | 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 | 0.16 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 |
| [Ics] Rated Service Breaking Capacity | 100 kA conforming to EN/IEC 60947-2 - 230...240 V AC 50/60 Hz |
| [Ui] Rated Insulation Voltage | 690 V AC 50/60 Hz conforming to EN/IEC 60947-2 |
| Contact Position Indicator | Yes |
| Control Type | Toggle Manual tripping test |
| Local Signalling | ON/OFF indication |
| Mounting Mode | Clip-on |
| Mounting Support | 35 mm symmetrical DIN rail |
| 9 Mm Pitches | 5 |

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

| | |
|-----------------------------|---|
| 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 mm² rigid Clamps terminal2 cable(s) 1...6 mm² flexible |
| Tightening Torque | 1.7 N.m |
| Earth-Leakage Protection | Without |

Environment

| | |
|---------------------------------------|---|
| Standards | EN/IEC 60947-2 |
| Product Certifications | DEMKO CEBEC SEMKO NEMKO FIMKO |
| 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 | 4.7 cm |
| Package 1 Width | 8.5 cm |
| Package 1 Length | 9.5 cm |
| Package 1 Weight | 234.0 g |
| Unit Type Of Package 2 | S02 |
| Number Of Units In Package 2 | 24 |
| Package 2 Height | 15.0 cm |
| Package 2 Width | 30.0 cm |
| Package 2 Length | 40.0 cm |
| Package 2 Weight | 5.945 kg |

Contractual warranty

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|----------|-----------|
| Warranty | 18 months |
|----------|-----------|

Sustainability



Green Premium™ label is Schneider Electric's commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO₂ products.

Guide to assessing product sustainability is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

[Learn more about Green Premium >](#)

[Guide to assess a product's sustainability >](#)

Well-being performance

| | |
|--|---|
|  Mercury Free | |
|  Rohs Exemption Information | Yes |
| Reach Regulation | REACH Declaration |
| Eu Rohs Directive | Compliant with Exemptions |
| China Rohs Regulation | China RoHS declaration Product out of China RoHS scope. Substance declaration for your information |
| Weee | The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins |
| Circularity Profile | No need of specific recycling operations |