

Product datasheet

Specifications



Miniature circuit breaker (MCB), Acti9 P25M, 3P, 10A, K curve, 3kA (IEC/EN 60947-2)

21109

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	10 A
Network Type	AC
Trip Unit Technology	Thermal-magnetic
Curve Code	K
Breaking Capacity	10 kA Icu at 500 V AC 50/60 Hz conforming to EN/IEC 60947-2 3 kA Icu at 690 V AC 50/60 Hz conforming to EN/IEC 60947-2 15 kA Icu at 440 V AC 50/60 Hz conforming to EN/IEC 60947-2
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	2.25 kA conforming to EN/IEC 60947-2 - 690 V AC 50/60 Hz 10 kA conforming to EN/IEC 60947-2 - 500 V AC 50/60 Hz 15 kA conforming to EN/IEC 60947-2 - 440 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	Manual tripping test Toggle
Local Signalling	ON/OFF indication
Mounting Mode	Clip-on
Mounting Support	35 mm symmetrical DIN rail

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

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 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 FIMKO NEMKO SEMKO
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	9.2 cm
Package 1 Weight	278.0 g
Unit Type Of Package 2	S02
Number Of Units In Package 2	24
Package 2 Height	15 cm
Package 2 Width	30 cm
Package 2 Length	40 cm
Package 2 Weight	6.972 kg

Contractual warranty

Warranty	18 months
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Sustainability



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

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[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