



Main

Circuit breaker application	Motor protection
Range of product	P25M
Device short name	P25M
Poles description	3P
Number of protected poles	3
[In] rated current	6.3 A
Network type	AC
Network frequency	50/60 Hz
Trip unit technology	Thermal-magnetic
Breaking capacity	Icu 3 kA at 690 V AC 50/60 Hz conforming to IEC 60947-2 Icu 50 kA at 500 V AC 50/60 Hz conforming to IEC 60947-2 Icu 50 kA at 440 V AC 50/60 Hz conforming to IEC 60947-2 Icu ≥ 0 kA at 400...415 V AC 50/60 Hz conforming to IEC 60947-2 Icu ≥ 0 kA at 230...240 V AC 50/60 Hz conforming to IEC 60947-2
Utilisation category	AC-3 conforming to IEC 60947-2
Suitability for isolation	Yes conforming to IEC 60947-2

Complementary

[Ue] rated operational voltage	690 V AC 50/60 Hz
Magnetic tripping limit	12 x In
Rated service breaking capacity	Ics 2.25 kA 690 V AC 50/60 Hz conforming to IEC 60947-2 Ics 50 kA 500 V AC 50/60 Hz conforming to IEC 60947-2 Ics 50 kA 440 V AC 50/60 Hz conforming to IEC 60947-2 Ics ≥ 0 kA 400...415 V AC 50/60 Hz conforming to IEC 60947-2 Ics ≥ 0 kA 230...240 V AC 50/60 Hz conforming to IEC 60947-2
[Ui] rated insulation voltage	690 V AC 50/60 Hz conforming to IEC 60947-2
[Uimp] rated impulse withstand voltage	6 kV conforming to IEC 60947-2
Control type	Toggle
Mounting mode	Fixed
Mounting support	35 mm symmetrical DIN rail
9 mm pitches	5
Height	89 mm
Width	45 mm
Depth	70 mm
Product weight	0.26 kg
Electrical durability	AC-3: 100000 cycles AC 50/60 Hz conforming to IEC 60947-2
Connections - terminals	Clamps terminal 2 cable(s) 1 mm ² rigid Clamps terminal 2 cable(s) 2 mm ² flexible

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Environment

Standards	IEC 60947-2
Product certifications	CEBEC DEMKO FI NEMKO SEMKO
Tropicalisation	2 conforming to IEC 60947-2
Relative humidity	95 % (55 °C)
Operating altitude	2000 m
Ambient air temperature for operation	-20...60 °C
Ambient air temperature for storage	-40...80 °C
RoHS EUR conformity date	0631
RoHS EUR status	Compliant