



Main

Circuit breaker application	Motor protection
Range of product	P25M
Product or component type	Circuit breaker
Device short name	P25M
Poles description	3P
Number of protected poles	3
[In] rated current	2.5 A
Network type	AC
Trip unit technology	Thermal-magnetic
Breaking capacity	>= 0 kA Icu conforming to EN/IEC 60947-2 - 230...240 V AC 50/60 Hz >= 0 kA Icu conforming to EN/IEC 60947-2 - 440 V AC 50/60 Hz >= 0 kA Icu conforming to EN/IEC 60947-2 - 500 V AC 50/60 Hz >= 0 kA Icu conforming to EN/IEC 60947-2 - 400...415 V AC 50/60 Hz 3 kA Icu conforming to EN/IEC 60947-2 - 690 V AC 50/60 Hz
Utilisation category	AC-3 conforming to IEC 60947-2
Suitability for isolation	Yes conforming to IEC 60947-2

Complementary

Network frequency	50/60 Hz
Magnetic tripping limit	12 x In
[Ics] rated service breaking capacity	>= 0 kA conforming to EN/IEC 60947-2 - 230...240 V AC 50/60 Hz >= 0 kA conforming to EN/IEC 60947-2 - 400...415 V AC 50/60 Hz >= 0 kA conforming to EN/IEC 60947-2 - 500 V AC 50/60 Hz >= 0 kA conforming to EN/IEC 60947-2 - 440 V AC 50/60 Hz 2.25 kA conforming to EN/IEC 60947-2 - 690 V AC 50/60 Hz
[Ui] rated insulation voltage	690 V AC 50/60 Hz conforming to EN/IEC 60947-2
[Uimp] rated impulse withstand voltage	6 kV 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
Height	89 mm
Width	45 mm
Depth	70 mm
Product weight	0.26 kg
Electrical durability	100000 cycles conforming to IEC 60947-2 AC 50/60 Hz AC-3
Provision for padlocking	Padlockable
Locking options description	Integrated padlocking
Connections - terminals	Clamps terminal for 2 rigid wire(s) 1...6 mm ² max Clamps terminal for 2 flexible wire(s) 1...6 mm ² max
Tightening torque	1.7 N.m
Earth-leakage protection	Without

Environment

Standards	EN/IEC 60947-2
Product certifications	CEBEC DEMKO FIMKO 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