



Main

Circuit breaker application	Motor protection
Range of product	P25M
Device short name	P25M
Poles description	3P
Number of protected poles	3
Network type	AC
Trip unit technology	Thermal-magnetic
Utilisation category	AC-3 IEC 60947-2
Suitability for isolation	Yes IEC 60947-2

Complementary

[In] rated current	4 A
Network frequency	50/60 Hz
[Ue] rated operational voltage	690 V AC 50/60 Hz
Magnetic tripping limit	12 x In
Breaking capacity	3 kA Icu IEC 60947-2 690 V AC 50/60 Hz ≥ 0 kA Icu IEC 60947-2 500 V AC 50/60 Hz ≥ 0 kA Icu IEC 60947-2 440 V AC 50/60 Hz ≥ 0 kA Icu IEC 60947-2 400...415 V AC 50/60 Hz ≥ 0 kA Icu IEC 60947-2 230...240 V AC 50/60 Hz
[Ics] rated service breaking capacity	2,25 kA IEC 60947-2 690 V AC 50/60 Hz ≥ 0 kA IEC 60947-2 500 V AC 50/60 Hz ≥ 0 kA IEC 60947-2 440 V AC 50/60 Hz ≥ 0 kA IEC 60947-2 400...415 V AC 50/60 Hz ≥ 0 kA IEC 60947-2 230...240 V AC 50/60 Hz
[Ui] rated insulation voltage	690 V AC 50/60 Hz IEC 60947-2
[Uimp] rated impulse withstand voltage	6 kV 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	100000 cycles IEC 60947-2 AC 50/60 Hz AC-3
Connections - terminals	Clamps terminal 1 mm ² rigid 2 Clamps terminal 2 mm ² flexible 2

Environment

Standards	IEC 60947-2
Product certifications	CEBEC DEMKO FI NEMKO SEMKO
Tropicalisation	2 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