



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	25 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 4 kA at 500 V AC 50/60 Hz conforming to IEC 60947-2 Icu 6 kA at 440 V AC 50/60 Hz conforming to IEC 60947-2 Icu 15 kA at 400...415 V AC 50/60 Hz conforming to IEC 60947-2 Icu 50 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 3 kA 500 V AC 50/60 Hz conforming to IEC 60947-2 Ics 3 kA 440 V AC 50/60 Hz conforming to IEC 60947-2 Ics 6 kA 400...415 V AC 50/60 Hz conforming to IEC 60947-2 Ics 50 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

The information provided in this documentation contains general descriptions and/or technical characteristics of the products of the Schneider Electric group. It is not intended to be used as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications. It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof. Neither Schneider Electric Industries SAS nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

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