Product datasheet

Specifications



Discontinued

P25M - circuit breaker - P25M - 3P - 23A - curve

Local distributor code:

22394998 21112

Discontinued on: 9 Feb 2023

EAN Code: 3303430211129

Main

Range of product	P25M
Range	Acti9
Product name	Acti9 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	23 A
Network type	AC
Trip unit technology	Thermal-magnetic
Curve code	K
Breaking capacity	6 kA Icu at 440 V AC 50/60 Hz conforming to EN/IEC 60947-2 15 kA Icu at 400...415 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 4 kA Icu at 500 V AC 50/60 Hz conforming to EN/IEC 60947-2 50 kA Icu at 230...240 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 3 kA conforming to EN/IEC 60947-2 - 440 V AC 50/60 Hz 3 kA conforming to EN/IEC 60947-2 - 500 V AC 50/60 Hz 50 kA conforming to EN/IEC 60947-2 - 230...240 V AC 50/60 Hz 6 kA conforming to EN/IEC 60947-2 - 400...415 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	Toggle Manual tripping test

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

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
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	SEMKO FIMKO NEMKO DEMKO CEBEC
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	287.0 g
Unit Type of Package 2	S02
Number of Units in Package 2	24
Package 2 Height	15.0 cm
Package 2 Width	30.0 cm
Package 2 Length	40.0 cm
Package 2 Weight	7.197 kg

Logistical informations

Country of origin	FR

Contractual warranty

Warranty (in months)	18

Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

Environmental Data explained >

How we assess product sustainability >

Environmental footprint

Total lifecycle Carbon footprint	**42 kg CO2 eq.**
Carbon footprint of the manufacturing phase [A1 to A3]	**2 kg CO2 eq.**
Carbon footprint of the distribution phase [A4]	**0.1 kg CO2 eq.**
Carbon footprint of the installation phase [A5]	**0 kg CO2 eq.**
Carbon footprint of the use phase [B2, B3, B4, B6]	**40 kg CO2 eq.**
Carbon footprint of the end-of-life phase [C1 to C4]	**0.3 kg CO2 eq.**
Environmental Disclosure	**Product Environmental Profile**

Use Better

Materials and Substances

Packaging made with recycled cardboard	**No**
Packaging without single use plastic	**No**
SCIP Number	**A5d77dbf-a6e9-4eb6-9bee-b5ccc7cdc852**
EU RoHS Directive	**Compliant By Exemption**
REACh Regulation	**Reference contains Substances of Very High Concern above the threshold**
Halogen-free status	**Product contains halogen above thresholds**

Use Longer

Lifetime extension

Repair	**No**

Use Again

Repack and remanufacture

Recyclability potential, in %	**31**
End of life manual availability	**No need of specific recycling operations**
Take-back	**No**
WEEE Label	**The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins**