Product datasheet

Specifications



Residual current circuit breaker, Domae, 2P, 25 A, AC type, 30 mA

DOMR01225

Main

Range	Domae
Product or component type	Residual current circuit breaker (RCCB)
Device short name	RCCB
Device application	Protection
Poles description	2P
Earth-leakage protection class	Type AC
Suitability for isolation	Yes

Complementary

Neutral position	Left
[In] rated current	25 A
Network type	AC
Network frequency	50 Hz
[Ue] rated operational voltage	230 V AC 50 Hz
Earth-leakage sensitivity	30 mA
Earth-leakage protection time delay	Instantaneous
Rated breaking and making capacity	3000 A
Rated conditional short-circuit current	Fuse: 6000 A
[Ui] rated insulation voltage	440 V AC 50 Hz
[Uimp] rated impulse withstand voltage	4 kV
Surge current	250 A
Control type	Toggle
Local signalling	ON/OFF indication
Mounting mode	Clip-on
Mounting support	DIN rail
Comb busbar and distribution block compatibility	YES

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

Connection pitch	18 mm
9 mm pitches	4
Height	81 mm
Width	36 mm
Depth	76 mm
Embedding depth	44 mm
Product weight	180 kg
Colour	White
Mechanical durability	5000 cycles
Electrical durability	2000 cycles
Connections - terminals	Tunnel type terminals (top or bottom) 1…35 mm² rigid Tunnel type terminals (top or bottom) 1…25 mm² flexible
Wire stripping length	14 mm
Tightening torque	3.5 N.m

Environment

Standards	IEC 61008-1
Product certifications	SNI
IP degree of protection	IP20 conforming to IEC 60529 IP40 (modular enclosure) conforming to IEC 60529
Pollution degree	2
Overvoltage category	III
Tropicalisation	2 conforming to IEC 60068-1
Relative humidity	95 % at 55 °C
Ambient air temperature for operation	-5…40 °C
Ambient air temperature for storage	-40…60 °C

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	8.0 cm
Package 1 Width	3.6 cm
Package 1 Length	8.5 cm
Package 1 Weight	220.0 g

Offer Sustainability

REACh Regulation	REACh Declaration
EU RoHS Directive	Compliant EU RoHS Declaration
Mercury free	Yes
China RoHS Regulation	China RoHS declaration Product out of China RoHS scope. Substance declaration for your information
RoHS exemption information	Yes
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins

Recommended replacement(s)