



Main

Range	Domae
Product or component type	Residual current circuit breaker (RCCB)
Device short name	RCCB
Poles description	4P
Earth-leakage protection class	Type AC

Complementary

Neutral position	Left
Device location in system	Outgoer
[In] rated current	40 A
Network type	AC
Network frequency	50/60 Hz
[Ue] rated operational voltage	400 V AC 50/60 Hz conforming to IEC 61008
Residual current tripping technology	Electromechanical
Earth-leakage sensitivity	30 mA
Earth-leakage protection time delay	Instantaneous
Rated breaking and making capacity	$I_m = 500 \text{ A } 230 \text{ V}$ conforming to IEC 61008-1
Rated conditional short-circuit current	3 kA 40 A
[Ui] rated insulation voltage	440 V AC 50 Hz conforming to IEC 61008-1
[Uimp] rated impulse withstand voltage	4 kV conforming to IEC 61008-1
Surge current	250 A
Control type	Toggle
Mounting mode	Fixed
Mounting support	35 mm symmetrical DIN rail
Connection pitch	18 mm between phase and neutral
9 mm pitches	8
Height	81 mm
Width	72 mm
Depth	76 mm
Connections - terminals	Tunnel type terminals1 cable(s) 35 mm ² rigid Tunnel type terminals1 cable(s) 25 mm ² flexible Tunnel type terminals1 cable(s) 25 mm ² flexible with ferrule
Wire stripping length	14 mm
Tightening torque	3.5 N.m

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Environment

Standards	IEC 61008
IP degree of protection	IP20 conforming to IEC 60529 IP40 (modular enclosure) conforming to IEC 60529
Pollution degree	2
Tropicalisation	2 conforming to IEC 61008
Relative humidity	95 % at 55 °C
Operating altitude	2000 m
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	7.5 cm
Package 1 Width	8.5 cm
Package 1 Length	9.5 cm
Package 1 Weight	360 g
Unit Type of Package 2	BB1
Number of Units in Package 2	3
Package 2 Height	9.2 cm
Package 2 Width	10.2 cm
Package 2 Length	26 cm
Package 2 Weight	1.148 kg
Unit Type of Package 3	S03
Number of Units in Package 3	27
Package 3 Height	30 cm
Package 3 Width	30 cm
Package 3 Length	40 cm
Package 3 Weight	10.819 kg

Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	 REACH Declaration
EU RoHS Directive	Compliant with Exemptions
Mercury free	Yes
China RoHS Regulation	 China RoHS Declaration
RoHS exemption information	 Yes
Circularity Profile	No need of specific recycling operations
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins