

Product data sheet

Characteristics

DOM19804

Residual current breaker with overcurrent protection (RCBO), Domae, 1P+N, 20A, C curve, 6000A, A type, 30mA



Main

Range	Domae
Device application	Distribution
Product or component type	Residual current breaker with overcurrent protection (RCBO)
Poles description	1P + N
Neutral position	Left
Earth-leakage protection class	Type A
Suitability for isolation	Yes

Complementary

[In] rated current	20 A
Network type	AC
Network frequency	50 Hz
[Ue] rated operational voltage	230 V AC 50 Hz conforming to IEC 61009-1
Trip unit technology	Thermal-magnetic
Curve code	C
Magnetic tripping limit	5...10 x In
Earth-leakage sensitivity	30 mA
Earth-leakage protection time delay	Instantaneous
Breaking capacity	6000 A Icn at 230 V AC 50 Hz conforming to IEC 61009-1
Electrical insulation class	Class II
Rated breaking and making capacity	I _{dm} 4500 A at 230 V AC 50 Hz conforming to IEC 61009-1
Limitation class	3
[Ui] rated insulation voltage	400 V AC 50 Hz
Surge current	250 A
Contact position indicator	Yes
Control type	Toggle
Local signalling	ON/OFF indication
Mounting support	Rail
9 mm pitches	4
Height	81 mm
Width	36 mm
Depth	72 mm
Net weight	0.125 kg
Mechanical durability	20000 cycles
Electrical durability	20000 cycles 230 V AC 50 Hz conforming to IEC 61009-1
Connections - terminals	Tunnel type terminals 1...10 mm ² flexible Tunnel type terminals 1...16 mm ² rigid
Wire stripping length	15 mm
Tightening torque	3.5 N.M upstream 3.5 N.m downstream
Earth-leakage protection	With

Environment

Standards	AS/NZS 61009.1 IEC 61009-1
IP degree of protection	IP20 conforming to IEC 60529
Pollution degree	2
Overvoltage category	III
Ambient air temperature for operation	-5...60 °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	8.2 cm
Package 1 Width	4.1 cm
Package 1 Length	10.2 cm
Package 1 Weight	212 g
Unit Type of Package 2	BB1
Number of Units in Package 2	6
Package 2 Height	9 cm
Package 2 Width	10.6 cm
Package 2 Length	25.2 cm
Package 2 Weight	1.334 kg
Unit Type of Package 3	S03
Number of Units in Package 3	54
Package 3 Height	30 cm
Package 3 Width	30 cm
Package 3 Length	40 cm
Package 3 Weight	12.493 kg

Offer Sustainability

REACH Regulation	REACH Declaration
EU RoHS Directive	Compliant with Exemptions
Mercury free	Yes
China RoHS Regulation	China RoHS Declaration
RoHS exemption information	Yes
Halogen content performance	Halogen free plastic parts product