

## Product data sheet

### Characteristics

# DOM19802

## DOMAE - earth leakage circuit breaker - 1P+N

### - C - 10A - 30mA - 6000A - A



#### 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	10 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	Idm 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 <sup>2</sup> flexible Tunnel type terminals 1...16 mm <sup>2</sup> rigid
Wire stripping length	15 mm
Tightening torque	3.5 N.M upstream 3.5 N.m downstream
Earth-leakage protection	With

## Environment

Standards	IEC 61009-1 AS/NZS 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

## Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	<a href="#">REACH Declaration</a>
EU RoHS Directive	Compliant <a href="#">EU RoHS Declaration</a>
Mercury free	Yes
RoHS exemption information	<a href="#">Yes</a>
China RoHS Regulation	<a href="#">China RoHS Declaration</a>
Environmental Disclosure	<a href="#">Product Environmental Profile</a>
Halogen content performance	Halogen free plastic parts product