Product datasheet

Specifications



RCBO, Domae, 1P + N, 20 A, C Curve, 30 mA, type AC, 6000 A

DOMD01620

Main

Range	Domae
Device application	Protection
product or component type	Residual current breaker with overcurrent protection (RCBO)
poles description	1P + N
Neutral position	Left
Earth-leakage protection class	Type AC
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
Rated breaking and making capacity	3000 A
[Ui] rated insulation voltage	400 V AC 50 Hz
[Uimp] rated impulse withstand voltage	4 kV
Control type	Toggle
mounting mode	Clip-on
mounting support	DIN rail
Comb busbar and distribution block compatibility	YES
9 mm pitches	2
Height	93 mm
Width	18 mm
Depth	70 mm
Embedding depth	44 mm

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

net weight	0.136 kg
Colour	White
Mechanical durability	20000 cycles
Electrical durability	10000 cycles
Connections - terminals	Tunnel type terminals (upstream) 1…16 mm² rigid Tunnel type terminals (upstream) 1…10 mm² flexible Tunnel type terminals (downstream) 1…10 mm² rigid Tunnel type terminals (downstream) 1…6 mm² flexible
Wire stripping length	14 mm for top connection 11 mm for bottom connection
Tightening torque	2.5 N.m upstream 2 N.m downstream
Earth-leakage protection	With

Environment

Standards	EN 61009-1
Product certifications	SNI
IP degree of protection	IP20 IP40 (modular enclosure)
Pollution degree	2
Overvoltage category	III
Ambient air temperature for operation	-25…55 °C
Ambient air temperature for storage	-30…70 °C

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	1.9 cm
Package 1 Width	7.4 cm
Package 1 Length	9.8 cm
Package 1 Weight	151.0 g
Unit Type of Package 2	CAR
Number of Units in Package 2	12
Package 2 Height	8.0 cm
Package 2 Width	10.4 cm
Package 2 Length	24.4 cm
Package 2 Weight	1.742 kg
Unit Type of Package 3	S03
Number of Units in Package 3	72
Package 3 Height	30.0 cm
Package 3 Width	30.0 cm
Package 3 Length	40.0 cm
Package 3 Weight	10.692 kg

Sustainability

Green Premium™ label is Schneider Electric's commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO_2 products.

Guide to assessing product sustainability is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

Learn more about Green Premium >

Guide to assess a product's sustainability >


Sustainable Packaging


Transparency


RoHS/REACh

Resource performance

Sustainable Packaging

Well-being performance

Mercury Free

Rohs Exemption Information — Yes

Certifications & Standards

Reach Regulation	REACh Declaration
Eu Rohs Directive	Compliant with Exemptions
China Rohs Regulation	China RoHS declaration Product out of China RoHS scope. Substance declaration for your information
Environmental Disclosure	Product Environmental Profile
Weee	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins
Circularity Profile	No need of specific recycling operations