Product datasheet

Specifications

Green Premium™

Domae MCB - miniature circuit-breaker - 1P - 20A - C Curve - 6000A

17047

Discontinued on: 20 Nov 2023

Discontinued

Main

Range	Domae
Product Or Component Type	Miniature circuit-breaker
Device Short Name	Domae MCB
Device Application	Distribution
Poles Description	1P
Number Of Protected Poles	1
[In] Rated Current	20 A
Network Type	AC
Trip Unit Technology	Thermal-magnetic
Curve Code	C
Breaking Capacity	Icn 6000 A

Complementary

Network Frequency	50/60 Hz
[Ue] Rated Operational Voltage	230 V AC 50/60 Hz
Magnetic Tripping Limit	5...10 x In
[Ics] Rated Service Breaking Capacity	6000 kA 100 % x Icn conforming to EN/IEC 60898-1
Contact Position Indicator	Yes
Control Type	Toggle
Local Signalling	Fault trip
Mounting Mode	Clip-on
Mounting Support	DIN rail
Comb Busbar And Distribution Block Compatibility	YES
Connection Pitch	18 mm between devices
9 Mm Pitches	2
Height	81 mm
Width	18 mm
Depth	78.5 mm
Net Weight	0.095 kg
Colour	White

Excluding VAT, FCA Jabal Ali & are subject to change – check with your local distributor.

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

Mechanical Durability	20000 cycles
Connections - Terminals	Tunnel type terminals (top or bottom) - 1...25 mm² - rigid Tunnel type terminals (top or bottom) - 1...16 mm² - flexible
Wire Stripping Length	14 mm for top or bottom connection
Tightening Torque	2 N.m top or bottom
Earth-Leakage Protection	Without

Environment

Standards	IEC 60068-1 IEC 60898-1 IEC 60529
Ip Degree Of Protection	IP20 conforming to IEC 60529 IP40 (modular enclosure) conforming to IEC 60529
Tropicalisation	2 conforming to IEC 60068-1
Relative Humidity	95 % at 55 °C
Ambient Air Temperature For Operation	-25…60 °C
Ambient Air Temperature For Storage	-40…70 °C

Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	1.8 cm
Package 1 Width	7.4 cm
Package 1 Length	8.5 cm
Package 1 Weight	96.0 g
Unit Type Of Package 2	S03
Number Of Units In Package 2	144
Package 2 Height	30 cm
Package 2 Width	30 cm
Package 2 Length	40 cm
Package 2 Weight	14.904 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 >

Transparency RoHS/REACh

Well-being performance

Toxic Heavy Metal Free	
Mercury Free	
Rohs Exemption Information	Yes

Certifications & Standards

Reach Regulation	REACh Declaration
Eu Rohs Directive	Compliant EU RoHS Declaration
China Rohs Regulation	China RoHS declaration Pro-active China RoHS declaration (out of China RoHS legal scope)
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