Product datasheet

Specifications

Green Premium™

Domae MCB - miniature circuit-breaker - 3P - 6A - C Curve - 6000A

17078

Discontinued on: 20 Jun 2023

Discontinued

Main

Range	Domae
Product Or Component Type	Miniature circuit-breaker
Device Short Name	Domae MCB
Device Application	Distribution
Poles Description	3P
Number Of Protected Poles	3
[In] Rated Current	6 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	400 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
[Ui] Rated Insulation Voltage	500 V
[Uimp] Rated Impulse Withstand Voltage	4 kV
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 phases
9 Mm Pitches	6
Height	81 mm
Width	54 mm
Depth	78.5 mm

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

Net Weight	0.285 kg
Colour	White
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

Ip Degree Of Protection	IP20 conforming to IEC 60529 IP40 (modular enclosure) conforming to IEC 60529
Overvoltage Category	III
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	5.4 cm
Package 1 Width	7.5 cm
Package 1 Length	8.5 cm
Package 1 Weight	295.0 g
Unit Type Of Package 2	BB1
Number Of Units In Package 2	4
Package 2 Height	9.0 cm
Package 2 Width	8.5 cm
Package 2 Length	22.5 cm
Package 2 Weight	1.198 kg
Unit Type Of Package 3	S03
Number Of Units In Package 3	48
Package 3 Height	30.0 cm
Package 3 Width	30.0 cm
Package 3 Length	40.0 cm
Package 3 Weight	14.988 kg

Contractual warranty

Warranty	18 months

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