

Product datasheet

Specifications



Domae MCB - miniature circuit-breaker - 3P - 20A - C Curve - 3000A

12781

⚠ Discontinued on: 30 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	20 A
Network type	CA
Trip unit technology	Thermal-magnetic
Curve code	C
Breaking capacity	Icn 3000 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	3000 kA 100 % x Icn conforming to EN/IEC 60898-1
Contact position indicator	Yes
Control type	Toggle
Local signalling	Fault trip
Mounting mode	Con clip
Mounting support	Carril DIN
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
Net weight	0.285 kg
Colour	White

Mechanical durability	20000 cycles
Connections - terminals	Tunnel type terminals (top or bottom) - 1...25 mm ² - rigid Tunnel type terminals (top or bottom) - 1...16 mm ² - 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 60898-1 IEC 60068-1 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	5.4 cm
Package 1 Width	7.5 cm
Package 1 Length	8.5 cm
Package 1 Weight	292 g
Unit Type of Package 2	BB1
Number of Units in Package 2	4
Package 2 Height	8.2 cm
Package 2 Width	8.8 cm
Package 2 Length	22 cm
Package 2 Weight	1.208 kg
Unit Type of Package 3	S03
Number of Units in Package 3	48
Package 3 Height	30 cm
Package 3 Width	30 cm
Package 3 Length	40 cm
Package 3 Weight	14.983 kg

Contractual warranty

Warranty	18 months
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Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing "Use Better, Use Longer, Use Again" campaign to extend product lifetimes and recyclability.

[Environmental Data explained >](#)

[How we assess product sustainability >](#)

Environmental footprint

[Environmental Disclosure](#)

[Product Environmental Profile](#)

Use Better

Materials and Substances

[EU RoHS Directive](#)

Compliant

Use Again

Repack and remanufacture

[Circularity Profile](#)

No need of specific recycling operations

WEEE



The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins