



Main

Range	Domae
Product or component type	Miniature circuit-breaker
Device short name	Domae MCB DPN
Device application	Distribution
Poles description	1P + N
Number of protected poles	1
Neutral position	Left
[In] rated current	10 A
Network type	AC
Trip unit technology	Thermal-magnetic
Curve code	C
Breaking capacity	Icn 4500 A

Complementary

Network frequency	50/60 Hz
[Ue] rated operational voltage	230 V AC 50/60 Hz
Magnetic tripping limit	5...10 x In
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[Ics] rated service breaking capacity	4500 A 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
9 mm pitches	2
Height	81 Mm
Width	18 Mm
Depth	75.5 Mm
Net weight	0.19 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 60529 IEC 60068-1 IEC 60898-1
Product certifications	IMQ KEMA
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 Weight	118 G
Package 1 Height	7.2 Cm
Package 1 width	1.8 Cm
Package 1 Length	8.9 Cm
Unit Type of Package 2	BB1
Number of Units in Package 2	12
Package 2 Weight	1.454 Kg
Package 2 Height	7.8 Cm
Package 2 width	9 Cm
Package 2 Length	22.5 Cm
Unit Type of Package 3	S03
Number of Units in Package 3	144
Package 3 Weight	16.785 Kg
Package 3 Height	30 Cm
Package 3 width	30 Cm
Package 3 Length	40 Cm

Offer Sustainability

Sustainable offer status	Green Premium product
EU RoHS Directive	Compliant EU RoHS Declaration
Mercury free	Yes
RoHS exemption information	Yes
China RoHS Regulation	China RoHS Declaration
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

Contractual warranty

Warranty	18 months
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Product Life Status : **Commercialised**