



### 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	6 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
Magnetic tripping limit	5...10 x In
[Ics] rated service breaking capacity	4500 A 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
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 <sup>2</sup> - rigid Tunnel type terminals (top or bottom) - 1...16 mm <sup>2</sup> - 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 60529 IEC 60068-1
Product certifications	IMQ
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 Weight	112 G
Package 1 Height	1.8 Cm
Package 1 width	7.3 Cm
Package 1 Length	9 Cm
Unit Type of Package 2	BB1
Number of Units in Package 2	12
Package 2 Weight	1.382 Kg
Package 2 Height	23 Cm
Package 2 width	10 Cm
Package 2 Length	9 Cm
Unit Type of Package 3	S03
Number of Units in Package 3	144
Package 3 Weight	17.179 Kg
Package 3 Height	30 Cm
Package 3 width	30 Cm
Package 3 Length	40 Cm

## Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	<a href="#">REACH Declaration</a>
EU RoHS Directive	Compliant <a href="#">EU RoHS Declaration</a>
Mercury free	Yes
RoHS exemption information	<a href="#">Yes</a>
China RoHS Regulation	<a href="#">China RoHS Declaration</a>
Environmental Disclosure	<a href="#">Product Environmental Profile</a>
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins

Product Life Status : **Commercialised**