

# Product datasheet

Specifications



## Miniature circuit breaker, Domae, 1P, 16 A, C Curve, 6000 A

DOMF01116

### Main

Range	Domae
Product or component type	Miniature circuit-breaker
Device short name	Domae MCB
Device application	Protection
Poles description	1P
Number of protected poles	1
[In] rated current	16 A
Network type	AC
Trip unit technology	Thermal-magnetic
Curve code	C
Breaking capacity	Icn 6000 A
Quality labels	CE

### Complementary

Network frequency	50/60 Hz
[Ue] rated operational voltage	230 V AC 50/60 Hz
Magnetic tripping limit	5...10 x In
Control type	Toggle
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	71.5 mm
Product weight	0.095 kg
Colour	White
Mechanical durability	20000 cycles
Electrical durability	10000 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

<b>Tightening torque</b>	2 N.m top or bottom
<b>Earth-leakage protection</b>	Without

## Environment

<b>Standards</b>	IEC 60898-1
<b>Product certifications</b>	SNI
<b>IP degree of protection</b>	IP20 conforming to IEC 60529 IP40 (modular enclosure) conforming to IEC 60529
<b>Overvoltage category</b>	III
<b>Tropicalisation</b>	2 conforming to IEC 60068-1
<b>Relative humidity</b>	95 % at 55 °C
<b>Ambient air temperature for operation</b>	-5...60 °C
<b>Ambient air temperature for storage</b>	-40...85 °C

## Packing Units

<b>Unit Type of Package 1</b>	PCE
<b>Number of Units in Package 1</b>	1
<b>Package 1 Height</b>	7.5 cm
<b>Package 1 Width</b>	1.8 cm
<b>Package 1 Length</b>	8.5 cm
<b>Package 1 Weight</b>	99.0 g
<b>Unit Type of Package 2</b>	BB1
<b>Number of Units in Package 2</b>	12
<b>Package 2 Height</b>	8.0 cm
<b>Package 2 Width</b>	8.5 cm
<b>Package 2 Length</b>	22.5 cm
<b>Package 2 Weight</b>	1.372 kg
<b>Unit Type of Package 3</b>	S03
<b>Number of Units in Package 3</b>	144
<b>Package 3 Height</b>	30 cm
<b>Package 3 Width</b>	30 cm
<b>Package 3 Length</b>	40 cm
<b>Package 3 Weight</b>	17.18 kg

## Contractual warranty

<b>Warranty (in months)</b>	18
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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

Total lifecycle Carbon footprint	3 kg CO2 eq.
Carbon footprint of the manufacturing phase [A1 to A3]	0.9 kg CO2 eq.
Carbon footprint of the distribution phase [A4]	0 kg CO2 eq.
Carbon footprint of the installation phase [A5]	0 kg CO2 eq.
Carbon footprint of the use phase [B2, B3, B4, B6]	2 kg CO2 eq.
Carbon footprint of the end-of-life phase [C1 to C4]	0.2 kg CO2 eq.
Environmental Disclosure	<a href="#">Product Environmental Profile</a>

## Use Better



### Materials and Packaging

Packaging made with recycled cardboard	Yes
Packaging without single use plastic	Yes
EU RoHS Directive	<a href="#">Compliant</a>
REACH Regulation	<a href="#">Reference contains Substances of Very High Concern above the threshold</a>
Halogen-free status	Halogen free product

## Use Longer



### Lifetime extension

Repair	No
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## Use Again



### Repack and remanufacture

Recyclability potential, in %	44
End of life manual availability	No need of specific recycling operations
Take-back	No