

Product datasheet

Specifications



Surge Protection Device, Domae, 1P+N, T2, 40 kA

DOML01640

Main

range of product	Domae
product or component type	Surge arrester
poles description	1P + N
Earthing system	TT TN-S TN-C
Device application	Residential
product destination	Surge protection device

Complementary

Surge arrester class type	Type 2
Surge arrester technology	MOV + GDT
[Ue] rated operational voltage	230 V +/- 10 % AC 50/60 Hz
[In] nominal discharge current	15 kA
[Imax] maximum discharge current	40 kA
[Uc] maximum continuous operating voltage	Common mode: 340 V L/PE Common mode: 260 V N/PE Differential mode: 340 V L/N
Response time	< 25 ns
Maximum [Up] voltage protection level	<1.5 kV type 2
[Ut] temporary overvoltage	337 V L/N 5 s withstand 442 V L/PE 5 s withstand 1200 V N/PE 200 ms withstand 1453 V L/PE 200 ms withstand
[Isccr] short-circuit current rating	6 kA
Disconnecter device type	Circuit breaker Domae MCB 20 A curve C
Local signalling	Operating state: flag (green) Fault indication: flag (red)
mounting mode	Clip-on
mounting support	DIN rail
9 mm pitches	4
Height	81 mm
Width	36 mm
Depth	63 mm
net weight	210 kg

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

Colour	White
Maximum residual current	0.003 mA N/PE
Connections - terminals	Tunnel type terminals (phase and neutral) 1...25 mm ² Tunnel type terminals (ground) 1...50 mm ²
Wire stripping length	11 mm
Tightening torque	2 N.m phase and neutral 3.5 N.m earth

Environment

Standards	EN 61643-11:2011
Product certifications	SNI
IP degree of protection	IP20 Enclosure: IP40
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	7.2 cm
Package 1 Width	4.2 cm
Package 1 Length	8.5 cm
Package 1 Weight	213.0 g
Unit Type of Package 2	CAR
Number of Units in Package 2	6
Package 2 Height	8.0 cm
Package 2 Width	9.2 cm
Package 2 Length	27.5 cm
Package 2 Weight	1.356 kg
Unit Type of Package 3	S03
Number of Units in Package 3	72
Package 3 Height	30.0 cm
Package 3 Width	30.0 cm
Package 3 Length	40.0 cm
Package 3 Weight	16.69 kg

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-CO₂ 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

 Mercury Free

 RoHS Exemption Information Yes

Certifications & Standards

Reach Regulation

[REACH Declaration](#)

Eu RoHS Directive

Compliant with Exemptions

China RoHS Regulation

[China RoHS declaration](#)

Product out of China RoHS scope. Substance declaration for your information

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

[End of Life Information](#)