

Product data sheet

Characteristics

16693

Domae Quick PF10 kA 1P+N surge arrester without accessories



Main

Range of product	DuoLine
Product or component type	Surge arrester
Device short name	Domae Quick PF
Poles description	1P + N
Remote signalling	Without
Surge arrester type	Electrical distribution network
Earthing system	TN-S TT

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	Differential mode: 5 kA (L/N) Common mode: 10 kA (N/PE)
[Imax] maximum discharge current	Common mode: 10 kA N/PE Differential mode: 10 kA L/N
[Uc] maximum continuous operating voltage	Common mode: 275 V N/PE Differential mode: 275 V L/N Common mode: 275 V L/PE
Maximum [Up] voltage protection level	Common mode <1.5 kV type 2 N/PE Differential mode <1.5 kV type 2 L/N
[Ut] temporary overvoltage	337 V L/N 5 s withstand 1200 V N/PE 200 ms safe failure mode 442 V L/PE 5 s withstand
[If] follow current	0.1 kA common mode N/PE
Local signalling	White/red flag
Disconnecter device type	Integrated circuit breaker - Icu 6 kA
[Iscsr] short-circuit current rating	6 kA
Mounting mode	Clip-on
Mounting support	DIN rail
9 mm pitches	4
Height	90.7 mm
Width	32.5 mm
Depth	72.1 mm
Net weight	370 g
Colour	Grey (RAL 7035)
Response time	<= 25 ns
Connections - terminals	Tunnel type terminal (phase and neutral) 1 cable(s) 1...16 mm ² Tunnel type terminal (ground) 1 cable(s) 10...25 mm ²
Wire stripping length	13 mm
Tightening torque	2 N.m

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Environment

Standards	EN 61643-11:2012 IEC 61643-11:2011
Quality labels	NF
IK degree of protection	IK03 conforming to IEC 62262
Relative humidity	5...95 %
Ambient air temperature for operation	-25...70 °C
Ambient air temperature for storage	-40...80 °C

Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	REACH Declaration
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
Circularity Profile	End Of Life Information
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins