



Main

Range of product	Resi9
Product name	Resi9 XP PF
Product or component type	Surge arrester
Poles description	1P + N
Remote signalling	Without
Surge arrester type	Electrical distribution network
Earthing system	TT TN-S

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
Response time	<= 25 ns
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
[Ifi] follow current	0.1 kA common mode N/PE
[Iscrr] short-circuit current rating	4.5 kA
Local signalling	White/red flag
Disconnecter device type	Integrated circuit breaker - Icu 4.5 kA
Mounting mode	Clip-on
Mounting support	DIN rail
9 mm pitches	4
Height	86.5 mm
Width	36 mm
Depth	76 mm
Colour	White (RAL 9003)
Maximum residual current	1 mA
Connections - terminals	Tunnel type terminal (L/N) 1...16 mm ² rigid Tunnel type terminal (L/N) 1...10 mm ² flexible Tunnel type terminal (ground) 6...16 mm ² rigid Tunnel type terminal (ground) 6...10 mm ² flexible
Tightening torque	2 N.m
Provided equipment	Without cable

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Environment

Standards	EN 61643-11 IEC 61643-11
Product certifications	CE
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...70 °C

Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	 REACH Declaration
EU RoHS Directive	Compliant with Exemptions
Mercury free	Yes
China RoHS Regulation	 China RoHS Declaration
RoHS exemption information	 Yes
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
Halogen content performance	Halogen free product