

VAL-SQ SP 80-120/240S/FM

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Order No.: 2804000



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Surge protection device for 120/240 V AC split/single phase configurations. Uses a compact, NEMA rated enclosure that connects easily to an existing enclosure. Hybrid Sine Wave Tracking provides 80 kA surge protection.

Commercial data

GTIN (EAN)	4 046356 317122
Note	Made-to-order
sales group	J102
Pack	1 pcs.
Customs tariff	85363030
Catalog page information	Page 70 (TT-2009)

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Product description

Surge protection device for 120/240 V AC single/split phase configurations with 80 kA protection

Technical data

Standards

Degree of protection	IP40 / NEMA 1
Mounting type	3/4 inch NPT male
Design	Parallel hybrid

Ambient temperature (operation)	-40 °C ... 60 °C
Ambient temperature (storage/transport)	-40 °C ... 85 °C
Altitude	3658 m
Message: Surge protection fault	Phase LEDs
	Audible alarm
	Remote indicator contact
Direction of action	3L-N & N-GND
Width	250.00 mm
Height	122.00 mm

Protective circuit

IEC category	I
Arrester rated voltage U_c	150 V
Response time	< 1 ns

Connection, protective circuit

Connection method	#10 AWG/5.26 mm ² wires (24 in./61 cm long)
	3-wire + Gnd
Conductor cross section AWG/kcmil min.	10
Conductor cross section AWG/kcmil max	10

Remote indicator contact

Connection method	#24 AWG/0.205 mm ² wires (24 in./61 cm long)
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Environmental conditions

Standards/regulations	UL 1449 2 nd edition, February 2007
	UL 1283
	IEEE C62.41
	IEEE C62.45

NEMA / UL data

UL type	type 2
Maximum Surge Current per Phase	80 kA
Short-circuit current rating (SCCR)	22 kA
Maximum Circuit Breaker	30 A

Certificates / Approvals

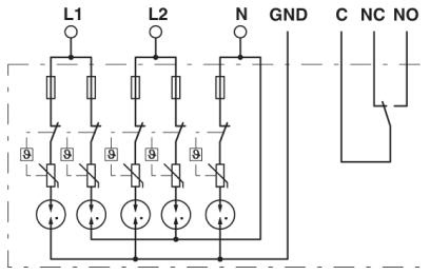


Certification

GOST

Diagrams/Drawings

Circuit diagram



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