

## VAL-SQ SP 80-120/208Y/FM


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Order No.: 2803894



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Surge protection device for 120/208 V AC Wye 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 316118
Note	Made-to-order
sales group	J102
Pack	1 pcs.
Customs tariff	85363030
Catalog page information	Page 70 (TT-2009)

#### Product notes

WEEE/RoHS-compliant since:  
07/31/2009



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#### Product description

Surge protection device for 120/208 V AC systems 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
Length	79.00 mm

### Protective circuit

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

### Connection, protective circuit

Type of connection	#10 AWG/5.26 mm <sup>2</sup> wires (24 in./61 cm long)
Connection method	4-wire + Gnd
Conductor cross section AWG/kcmil min.	10
Conductor cross section AWG/kcmil max	10

### Remote indicator contact

Type of connection	#24 AWG/0.205 mm <sup>2</sup> wires (24 in./61 cm long)
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### Environmental conditions

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

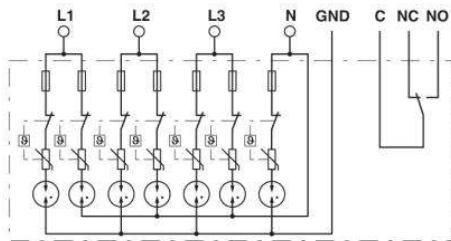


Certification

GOST

**Diagrams/Drawings**

Circuit diagram



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