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Extract from the online
catalog

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

This item is no longer available. Should you have any questions, please contact our Sales Team.

Order No.: 2803894



<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=2803894>

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)	
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



<http://www.download.phoenixcontact.com>
Please note that the data given here has been taken from the online catalog. For comprehensive information and data, please refer to the user documentation. The General Terms and Conditions of Use apply to Internet downloads.

Product description

Surge protection device for 120/208 V AC systems with 80 kA protection

VAL-SQ SP 80-120/208Y/FM Order No.: 2803894

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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 ² 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 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

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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

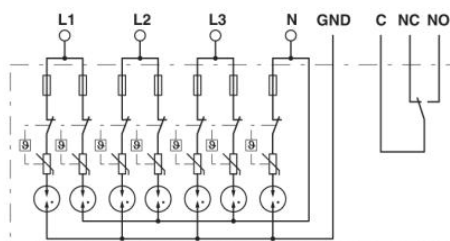


Certification

GOST

Diagrams/Drawings

Circuit diagram



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