Extract from the online catalog

VAL-SQ SE 200-120/208Y /D

Order No.: 2800383

http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=2800383

Surge protection device for 120/208 V AC Wye configurations typically used as service entry protection. NEMA rated enclosure provides a monitor with surge counter, status LEDs and audible alarm with remote monitor capability. Hybrid Sine Wave Tracking provides 200 kA surge protection.

Commercial data

GTIN (EAN)	4 046356 564717
Note	Made-to-order
sales group	J101
Pack	1 pcs.
Customs tariff	85363090
Catalog page information	Page 74 (TT-2011)

Product notes

WEEE/RoHS-compliant since: 02/21/2010

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Product description

Surge protection device for service entrance protection of 120/208 V AC and 127/220 V AC Wye systems with 200 kA protection

Technical data

Standards

Housing material	Metal
Degree of protection	NEMA 3R/12
Mounting type	Wall mounting
Design	Parallel MOV
Ambient temperature (operation)	-20 °C ... 65 °C
Ambient temperature (storage/transport)	-20 °C ... 65 °C
Permissible humidity (operation)	0 % ... 95 %
Altitude	3658 m
Message: Surge protection fault	Phase LEDs
	Audible alarm
	Remote indicator contact
Direction of action	3L-N & N-GND
Width	418.00 mm
Height	562.00 mm

Protective circuit

Arrester rated voltage U_C	150 V
Response time	< 1 ns

Connection, protective circuit

Connection method	Screw terminal blocks
	4-wire + Gnd
Tightening torque	4 Nm
Conductor cross section AWG/kcmil min.	12
Conductor cross section AWG/kcmil max	2

Remote indicator contact

Connection method	Screw connection
Conductor cross section AWG/kcmil min.	22
Conductor cross section AWG/kcmil max	14

NEMA / UL data

UL type	type 2
Maximum Continuous Operating Voltage (MCOV without reference direction)	150 V

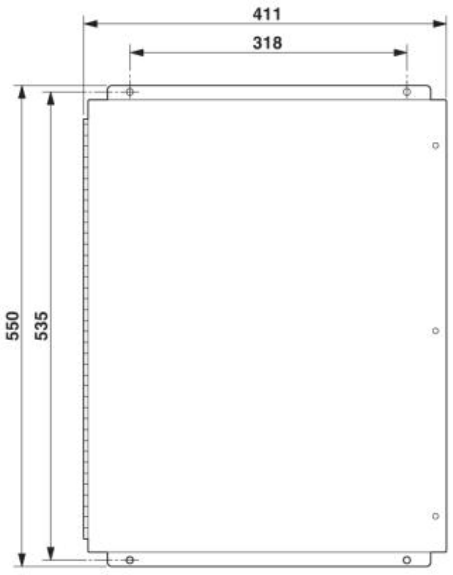
Voltage protection rating (VPR L-L)	1200 V
Voltage protection rating (VPR L-N)	700 V
Voltage protection rating (VPR L-PE)	700 V
Voltage protection rating (VPR L-PEN)	700 V
Nominal discharge current I_n (without reference direction)	20 kA
Maximum Surge Current per Phase	200 kA
Short-circuit current rating (SCCR)	200 kA
EMI/RFI filtering	-30 dB @ 100 kHz

Environmental conditions

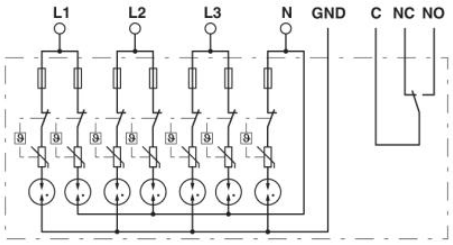
Standards/regulations	UL 1449 3rd edition, Sept. 2009
	UL 1283
	IEEE C62.41
	IEEE C62.45

Diagrams/Drawings

Dimensioned drawing



Circuit diagram



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