

## VAL-SQ SE 200-480D/FM

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

Order No.: 2804160



<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=2804160>

Surge protection device for 480 V Delta 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)	
Note	Made-to-order
sales group	J101
Pack	1 pcs.
Customs tariff	85363030
Catalog page information	Page 69 (TT-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 480 V AC Delta configurations with 200 kA protection

### Technical data

#### Standards

Housing material	Metal
Degree of protection	IP40 / NEMA 1
Mounting type	Wall mounting

Design	Parallel MOV
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	381.00 mm
Height	356.00 mm
Length	99.00 mm

#### Protective circuit

IEC category	I
Arrester rated voltage $U_c$	640 V
Response time	< 1 ns

#### Connection, protective circuit

Type of connection	Screw terminal blocks
Tightening torque	4 Nm
Conductor cross section AWG/kcmil min.	10
Conductor cross section AWG/kcmil max	2

#### Remote indicator contact

Type of connection	Screw connection
Conductor cross section AWG/kcmil min.	22
Conductor cross section AWG/kcmil max	14

#### Environmental conditions

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

#### NEMA / UL data

UL type	type 1
Maximum Surge Current per Phase	200 kA
Short-circuit current rating (SCCR)	200 kA

## Certificates / Approvals



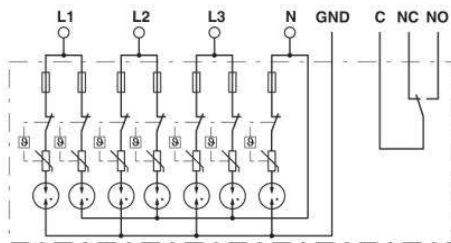
Certification

GOST

---

## Diagrams/Drawings

Circuit diagram



**Address**

PHOENIX CONTACT Deutschland GmbH  
Flachmarktstr. 8  
32825 Blomberg, Germany  
Phone +49 5235 3 12000  
Fax +49 5235 3 41200  
<http://www.phoenixcontact.de>



© 2011 Phoenix Contact  
Technical modifications reserved;