

## VAL-SQ SP 120-277/480Y/FM

Order No.: 2804063



Surge protection device for 277/480 V AC Wye configurations. Uses a compact, NEMA rated enclosure that connects easily to an existing enclosure. Hybrid Sine Wave Tracking provides 120 kA surge protection.

### Commercial data

EAN	4046356317184
Pack	1 pcs.
Customs tariff	85363030
Weight/Piece	2.883 KG

### Product description

Surge protection device for 277/480 V AC Wye configurations with 120 kA protection

### Technical data

#### Standards

Degree of protection	IP66 / NEMA 4X
Mounting type	3/4 inch NPT male
Design	Parallel MOV
Ambient temperature (operation)	-40 °C ... 60 °C
Ambient temperature (storage/transport)	-40 °C ... 85 °C
Altitude	3658 m

Message surge protection faulty	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 + II
Arrester rated voltage $U_c$	320 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 system	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

**NEMA / UL data**

NEMA / UL data	type 2
short circuit current rating (SCCR)	200 kA
UL type	type 2
Voltage (L-L)	1600 V
Voltage (N-G)	800 V
Voltage (L-G)	800 V
Voltage (L-N)	800 V
Maximum Circuit Breaker	30 A
Maximum Surge Current per Phase	120 kA

**Certificates / Approvals**

Certification CUL Listed, GOST, UL Listed

**Drawings**

Circuit diagram

