

VAL-SQ SE 120-120/240S/FM

Order No.: 2804021



Surge protection device for 120/240 V single/split phase 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 120 kA surge protection.

Commercial data

EAN	4046356317146
Pack	1 pcs.
Customs tariff	85363030
Weight/Piece	8.286 KG

Product description

Surge protection device for 120/240 V AC single/split phase configurations with 120 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 faulty	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	150 V
Response time	< 1 ns

Connection, protective circuit

Type of connection	Screw terminal blocks
Connection method	3-wire + Gnd
Tightening torque, min	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 nd 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)	800 V
Voltage (N-G)	500 V
Voltage (L-G)	500 V

Voltage (L-N)	500 V
Maximum Surge Current per Phase	120 kA

Drawings

Circuit diagram

