

Type 1 surge protection device - VAL-SQ SI 50-120/240S - 2800323

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50 kA surge protection device for 120/240 V AC single/split phase configurations with separate Gnd and N conductors. Uses a compact, NEMA 4X-rated enclosure that connects easily to an existing enclosure.

Product Description

50 kA Type 1 surge protective device for single and split phase systems with separate GND and N

Your advantages

- Compact NEMA 4X housing
- Each arrester path has separate fuse protection
- UL 1449, 3rd edition, September 2009
- LEDs consistently monitor the status of each individual phase



Key Commercial Data

Packing unit	1 pc
GTIN	
GTIN	4046356564915

Technical data

Note

Trade restriction	The products are offered exclusively for export outside the EU and the European Economic Area.
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Dimensions

Width	76 mm
Depth	91 mm

Ambient conditions

Degree of protection	NEMA 4X
Ambient temperature (operation)	-40 °C ... 70 °C
Altitude	3658 m

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Technical data

General

IEC power supply system	TN-S
NEMA power supply system	2-phase, 120 V with separate Gnd-N
Housing material	Non-metallic
Mounting type	1/2" NPT male
Type	MOV
Surge protection fault message	optical

Protective circuit

Maximum continuous operating voltage U_c	150 V
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Connection, protective circuit

Connection method	#12 AWG wires / 24 in. (61 cm)
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NEMA / UL data

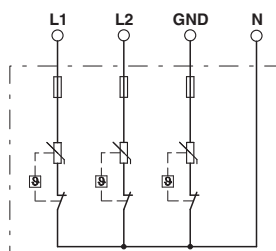
UL type	type 1
Nominal discharge current I_n (without reference direction)	10 kA
Maximum Surge Current per Phase	50 kA
Short-circuit current rating (SCCR)	25 kA

Standards and Regulations

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

Drawings

Circuit diagram



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