

Type 2 surge protection replacement module - VAL-SQ SI 40-2S-120 - 2800005

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Surge protection device for 2-phase, 120 V applications with separate Gnd-N. Provides 40 kA protection per phase. Compact, NEMA 4X enclosure installs in limited space.

Product Description

40 kA Type 2 surge protective device for systems up to 120 V with separate GND-N

Key Commercial Data

Packing unit	1 pc
GTIN	 4 046356 347488
GTIN	4046356347488

Technical data

Dimensions

Height	91.4 mm
Width	76.2 mm
Depth	69.3 mm

Ambient conditions

Degree of protection	IP66 / NEMA 4X
Ambient temperature (operation)	-40 °C ... 70 °C
Altitude	3658 m

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

IEC test classification	I
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Protective circuit

Maximum continuous operating voltage U_c	120 V
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Connection, protective circuit

Connection method	#10 AWG/5.26 mm ² wires (24 in./61 cm long)
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Standards and Regulations

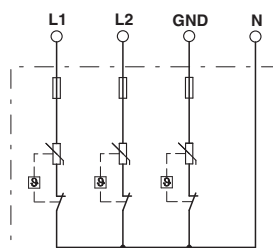
Standards/regulations	UL 1449 2 nd edition, February 2007
	UL 1283
	IEEE C62.41
	IEEE C62.45

NEMA / UL data

UL type	type 2
Maximum Surge Current per Phase	40 kA
Short-circuit current rating (SCCR)	25 kA

Drawings

Circuit diagram



Mouser Electronics

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