

VAL-SQ SI 40-2S-240 - Type 2 surge protection replacement module

2800006
<https://www.phoenixcontact.com/us/products/2800006>

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Surge protection device for 2-phase, 240 V applications with separate Gnd-N. Provides 40 kA protection per phase. Compact, NEMA 4X enclosure installs in limited space.

Commercial data

Item number	2800006
Packing unit	1 pc
Note	Made to order (non-returnable)
Sales key	CL01
Product key	CL1614
GTIN	4046356347495
Weight per piece (including packing)	729.5 g
Weight per piece (excluding packing)	729.5 g
Customs tariff number	85363010
Country of origin	US

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Technical data

Product properties

IEC test classification	I
IEC power supply system	TN-S
Type	MOV
Surge protection fault message	optical

Electrical properties

General

Power Systems	2-phase, 240 V with separate Gnd-N
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Connection data

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

Width	76.2 mm
Height	91.4 mm
Depth	69.3 mm

Material specifications

Housing material	Non-metallic
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Cable/line

Cable length	61.00 cm
Cable type	stranded

Protective circuit

Maximum continuous voltage U_C	240 V
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Environmental and real-life conditions

Ambient conditions

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

Approvals

UL specifications

Short-circuit current rating (SCCR)	10 kA
UL type	type 2
Maximum Surge Current per Phase	40 kA

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Standards and regulations

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

Mounting

Mounting type	1/2" NPT male
Mounting position	any

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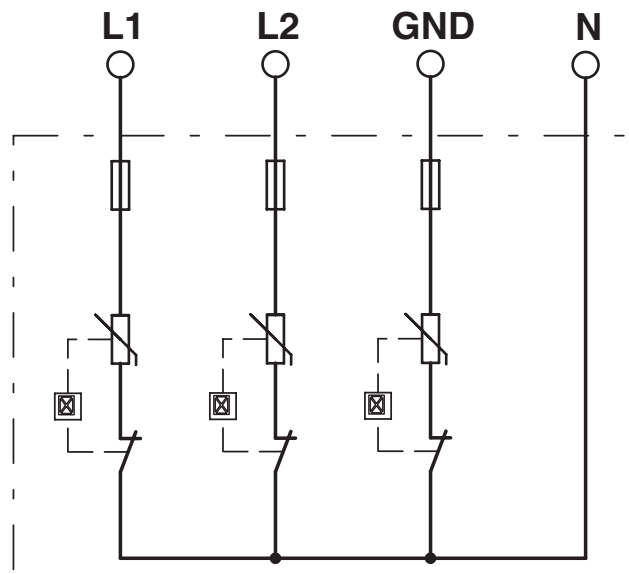


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Drawings

Circuit diagram



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Environmental product compliance

EU REACH SVHC	
REACH candidate substance (CAS No.)	No substance above 0.1 wt%

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Phoenix Contact USA
586 Fulling Mill Road
Middletown, PA 17057, United States
(+717) 944-1300
info@phoenixcon.com