

VAL-SQ SI 40-3C-600 - Type 1 surge protection device



2800007

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Surge protection device for 3-phase applications up to 600 V with a common Gnd-N. Provides 40 kA protection per phase. Compact, NEMA 4X enclosure installs in limited space.

Product description

40 kA Type 1 surge protective device for systems up to 600 V with common Gnd-N

Commercial data

Item number	2800007
Packing unit	1 pc
Minimum order quantity	1 pc
Note	Made to order (non-returnable)
Product key	CL1614
Catalog page	Page 79 (TT-2011)
GTIN	4046356347471
Weight per piece (including packing)	756 g
Weight per piece (excluding packing)	756 g
Customs tariff number	85363030
Country of origin	US

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Technical data

Product properties

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

Electrical properties

General

Power Systems	2-phase, 600 V with common Gnd-N
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Connection data

Connection method	#12 AWG wires / 24 in. (61 cm)
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Dimensions

Width	92 mm
Depth	76 mm

Material specifications

Housing material	Non-metallic
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Cable/line

Cable length	61 cm
Cable type	solid

Protective circuit

Maximum continuous voltage U_C	750 V
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Environmental and real-life conditions

Ambient conditions

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

Approvals

UL specifications

Short-circuit current rating (SCCR)	25 kA
UL type	type 1
Nominal discharge current I_n	10 kA
Maximum Surge Current per Phase	40 kA

Standards and regulations

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Standards

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

Mounting

Mounting type	1/2" NPT male
Mounting position	any

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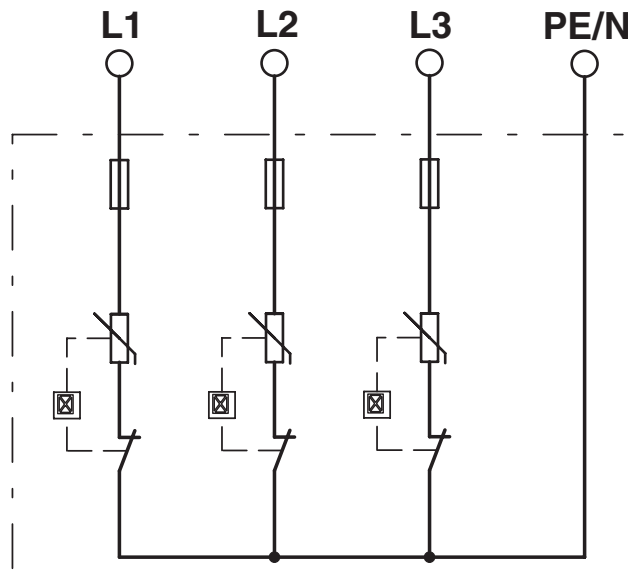


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Drawings

Circuit diagram



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