

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

Your advantages

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

RoHS

Key Commercial Data

Packing unit	1 pc
Weight per Piece (excluding packing)	800.000 g
Custom tariff number	85363030
Country of origin	United States

Technical data

Dimensions

Width	92 mm
Depth	76 mm

Ambient conditions

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

General

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Technical data

General

IEC power supply system	TN-S
NEMA power supply system	2-phase, 600 V with common 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	750 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	40 kA
Short-circuit current rating (SCCR)	25 kA

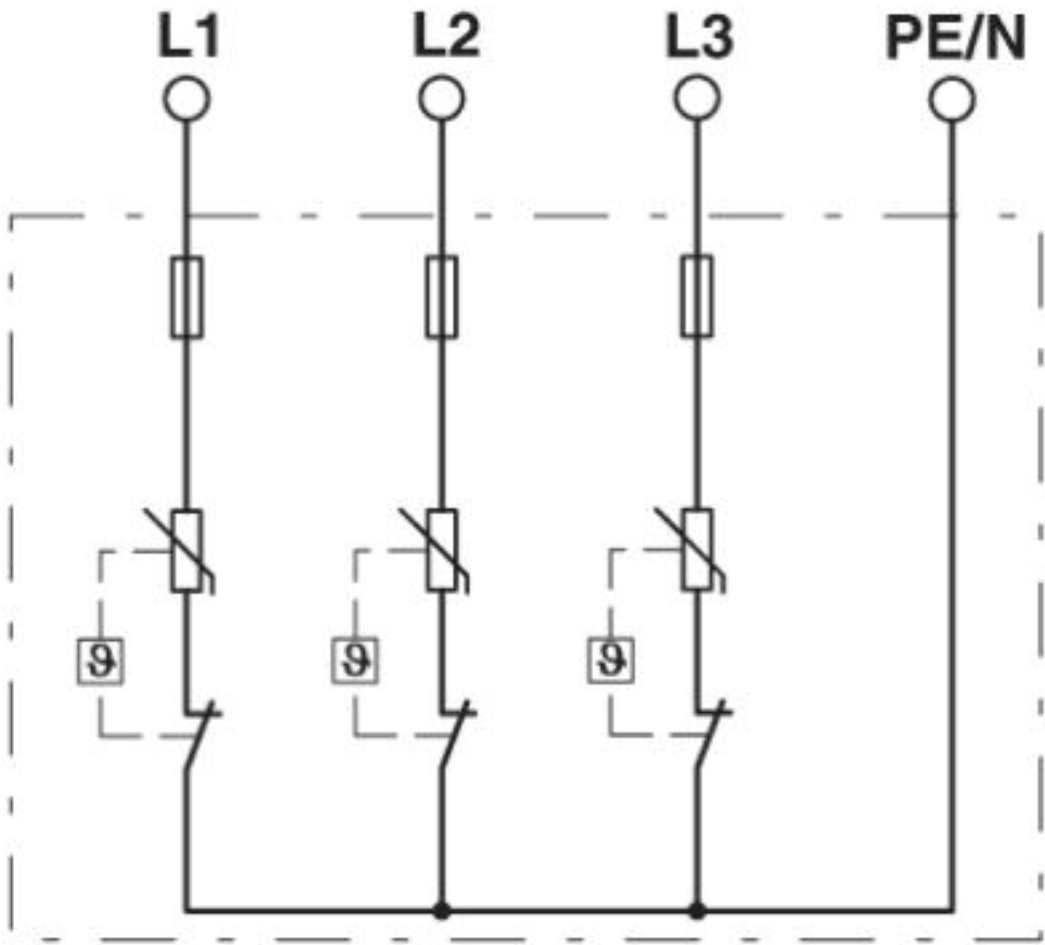
Standards and Regulations

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

Drawings

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Circuit diagram



Classifications

eCl@ss

eCl@ss 4.0	27140201
eCl@ss 4.1	27130801
eCl@ss 5.0	27130801
eCl@ss 5.1	27130801
eCl@ss 6.0	27130806
eCl@ss 7.0	27130806

ETIM

ETIM 2.0	EC000942
ETIM 3.0	EC000942

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Classifications

ETIM

ETIM 4.0	EC000942
ETIM 5.0	EC000942

UNSPSC

UNSPSC 6.01	30212010
UNSPSC 7.0901	39121610
UNSPSC 11	39121610
UNSPSC 12.01	39121610
UNSPSC 13.2	39121620