

VAL-SQ CC 40-120/240S - Type 2 surge protection replacement module

2803991
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Surge protection device for 120/240 V AC split phase configuration Uses a compact, NEMA rated enclosure that connects easily to an existing enclosure. Hybrid Sine Wave Tracking provides 40 kA surge protection.

Commercial data

Item number	2803991
Packing unit	1 pc
Minimum order quantity	1 pc
Product key	CL1613
Catalog page	Page 72 (TT-2009)
GTIN	4046356317115
Weight per piece (including packing)	2,335 g
Weight per piece (excluding packing)	2,171.6 g
Customs tariff number	85363030
Country of origin	US

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Technical data

Product properties

Type	Parallel hybrid
Surge protection fault message	optical

Electrical properties

General

Power Systems	120/240 V Single/Split Phase
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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	190 mm
Height	63 mm
Depth	108 mm

Material specifications

Housing material	Metal
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Cable/line

Cable length	61 cm
Cable type	stranded

Protective circuit

Direction of action	3L-N & N-GND
Maximum continuous voltage U_C	150 V
Response time t_A	< 1 ns

Environmental and real-life conditions

Ambient conditions

Degree of protection	IP40 / NEMA 1
Ambient temperature (operation)	-40 °C ... 60 °C
Ambient temperature (storage/transport)	-40 °C ... 85 °C
Altitude	3658 m

Approvals

UL specifications

Short-circuit current rating (SCCR)	22 kA
UL type	type 2

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Maximum Circuit Breaker	30 A
Maximum Surge Current per Phase	40 kA

Standards and regulations

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

Mounting

Mounting type	3/4 inch NPT male
Mounting position	any

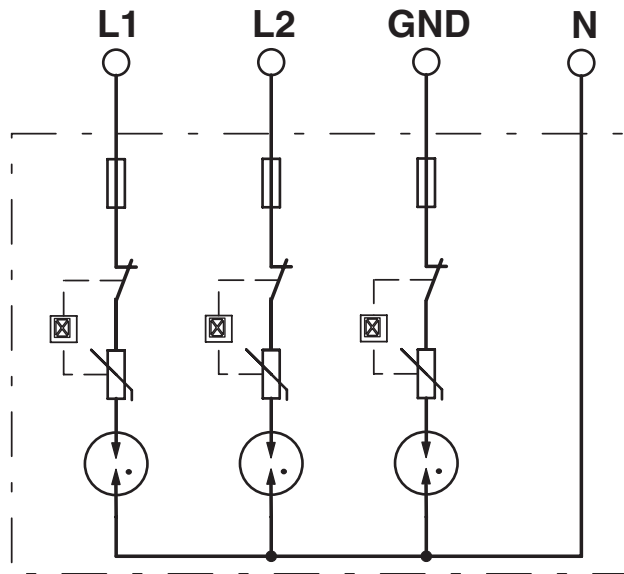
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Drawings

Circuit diagram



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