

VAL-SQ SP 120-120/208Y/FM - Type 2 surge protection replacement module



2803904

<https://www.phoenixcontact.com/pc/products/2803904>

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Surge protection device for 120/208 V AC Wye configurations. Uses a compact, NEMA rated enclosure that connects easily to an existing enclosure. Hybrid Sine Wave Tracking provides 120 kA surge protection.



Commercial data

Item number	2803904
Packing unit	1 pc
Minimum order quantity	1 pc
Product key	CL1612
Catalog page	Page 70 (TT-2009)
GTIN	4046356316125
Weight per piece (including packing)	2.883 kg
Weight per piece (excluding packing)	2.883 kg
Customs tariff number	85363030
Country of origin	US

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Technical data

Product properties

IEC test classification	I + II
Type	Parallel MOV
Surge protection fault message	Phase LEDs
	Audible alarm
	Remote indication contact

Electrical properties

General

Power Systems	120/208 V AC Wye
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Connection data

Connection method	#10 AWG/5.26 mm ² wires (24 in./61 cm long)
Connection method	#24 AWG/0.205 mm ² wires (24 in./61 cm long)

Dimensions

Width	250 mm
Height	79 mm
Depth	122 mm

Cable/line

Cable length	61 cm
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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	IP66 / NEMA 4X
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)	200 kA
UL type	type 2

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Maximum Circuit Breaker	30 A
Maximum Surge Current per Phase	120 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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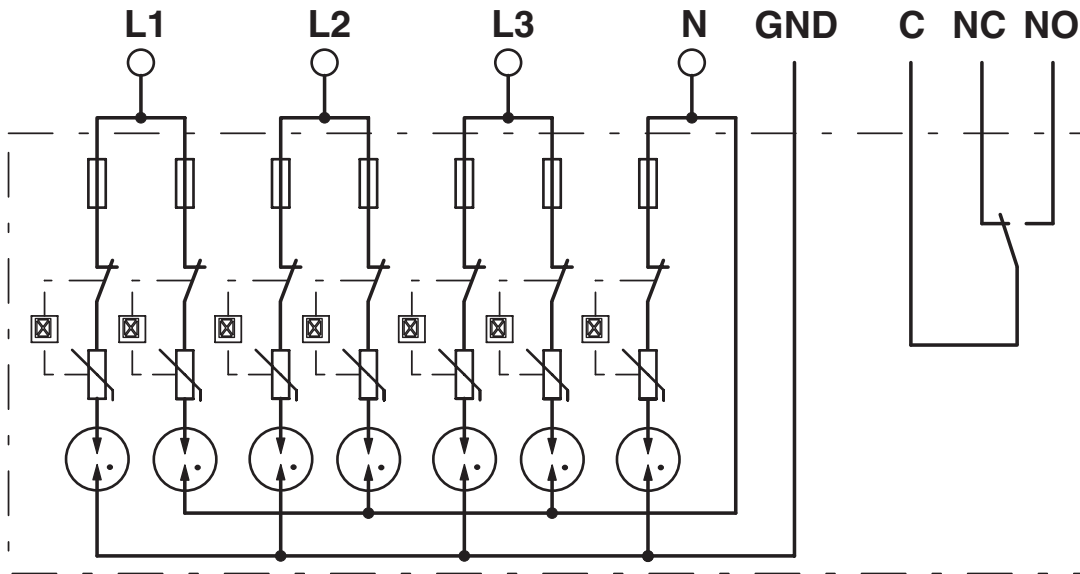


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Drawings

Circuit diagram



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