



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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VAL-SQ SP 120-120/240S/FM

This item is no longer available. Should you have any questions, please contact our Sales Team.

Order No.: 2804018



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Surge protection device for 120/240 V AC split/single phase 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

GTIN (EAN)	4 046356 317139
Note	Made-to-order
sales group	J102
Pack	1 pcs.
Customs tariff	85363030
Catalog page information	Page 70 (TT-2009)

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Product description

Surge protection device for 120/240 V AC single/split phase configurations with 120 kA protection

Technical data

Standards

Degree of protection	IP66 / NEMA 4X
Mounting type	3/4 inch NPT male
Design	Parallel MOV

Ambient temperature (operation)	-40 °C ... 60 °C
Ambient temperature (storage/transport)	-40 °C ... 85 °C
Altitude	3658 m
Message: Surge protection fault	Phase LEDs
	Audible alarm
	Remote indicator contact
Direction of action	3L-N & N-GND
Width	250.00 mm
Height	122.00 mm
Length	79.00 mm

Protective circuit

IEC category	I + II
Arrester rated voltage U_c	150 V
Response time	< 1 ns

Connection, protective circuit

Type of connection	#10 AWG/5.26 mm ² wires (24 in./61 cm long)
Connection method	3-wire + Gnd
Conductor cross section AWG/kcmil min.	10
Conductor cross section AWG/kcmil max	10

Remote indicator contact

Type of connection	#24 AWG/0.205 mm ² wires (24 in./61 cm long)
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Environmental conditions

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

NEMA / UL data

UL type	type 2
Maximum Surge Current per Phase	120 kA
Short-circuit current rating (SCCR)	200 kA
Maximum Circuit Breaker	30 A

Certificates / Approvals

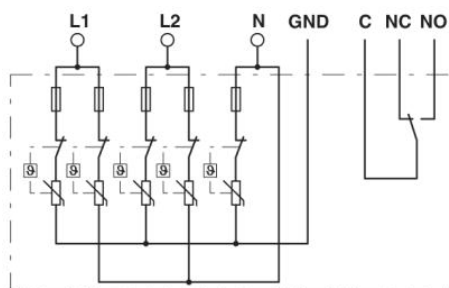


Certification

GOST

Diagrams/Drawings

Circuit diagram



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