

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!



# Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China









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Base element for type 2 arresters of the VALVETRAB MS product range. Version for 2-phase power supply with PEN conductor.

#### **Product Features**

- ✓ Versions with and without floating remote indication contact
- ☑ DIN rail module
- Coding when protective plug is inserted for the first time





## Key commercial data

Packing unit	1 pc
Weight per Piece (excluding packing)	180.0 GRM
Custom tariff number	85363030
Country of origin	Germany

## Technical data

#### **Dimensions**

Height	90 mm
Width	35.6 mm
Depth	44 mm
Horizontal pitch	2 Div.

#### Ambient conditions

Degree of protection	IP20 (only when all terminal points are used)
Ambient temperature (operation)	-40 °C 80 °C
Ambient temperature (storage/transport)	-40 °C 80 °C
Altitude	≤ 2000 m (amsl (above mean sea level))
Permissible humidity (operation)	5 % 95 %

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# Technical data

#### Ambient conditions

Shock (operation)	25g
Vibration (operation)	5g

#### General

Standards/specifications	IEC 61643-11 2011
	EN 61643-11 2012
IEC test classification	II
	T2
EN type	T2
Mounting type	DIN rail: 35 mm
Color	black
Housing material	РВТ
Pollution degree	2
Inflammability class according to UL 94	V-0
Туре	DIN rail module, two-section, divisible
Number of positions	2

#### Protective circuit

Nominal frequency f <sub>N</sub>	50 Hz (60 Hz)
Maximum continuous operating voltage U <sub>C</sub>	500 V AC
Rated load current I <sub>L</sub>	80 A
Short-circuit current rating I <sub>SCCR</sub>	25 kA
Max. backup fuse with branch wiring	200 A AC (gG)
Max. backup fuse with V-type through wiring	80 A AC (gG)

## Connection data

Connection method	Screw connection
Conductor cross section stranded min.	1.5 mm²
Conductor cross section stranded max.	25 mm <sup>2</sup>
Conductor cross section solid min.	1.5 mm²
Conductor cross section solid max.	35 mm <sup>2</sup>
AWG conductor cross section	15 2
	10 2 (UL)
Screw thread	M5
Tightening torque	4.5 Nm
	30 lb <sub>r</sub> -in. (UL)
Stripping length	16 mm

NEMA/UL protective circuit



## Technical data

## NEMA/UL protective circuit

UL class	Type 4 SPD for Type 2 applications
Nominal voltage U <sub>N</sub>	690 V AC

## 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	27130803
eCl@ss 7.0	27130803
eCl@ss 8.0	27130803

#### **ETIM**

ETIM 2.0	EC000472
ETIM 3.0	EC000472
ETIM 4.0	EC000472
ETIM 5.0	EC000472

## **UNSPSC**

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

# Approvals

## Approvals

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UL Recognized / cUL Recognized / GOST / ÖVE / CSA / CCA / IECEE CB Scheme / cULus Recognized

#### Ex Approvals



# Approvals Approvals submitted Approval details UL Recognized **51** cUL Recognized **5** GOST 🕑 ÖVE OVE CSA CCA IECEE CB Scheme cULus Recognized • 911 us

Drawings

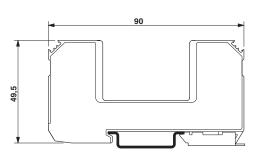


Circuit diagram





Dimensioned drawing



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