

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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Replacement plug for PV arrester combinations of the VAL-MS 600DC... product range



## Key commercial data

Packing unit	1 pc
Weight per Piece (excluding packing)	60.0 GRM
Custom tariff number	85363010
Country of origin	Germany

## Technical data

#### **Dimensions**

Height	52.4 mm
Width	17.5 mm
Depth	55.3 mm

#### Ambient conditions

Degree of protection	IP20
Ambient temperature (operation)	-40 °C 80 °C

#### General

Housing material	PA 6.6
Inflammability class according to UL 94	V0
Color	black
Standards for air and creepage distances	IEC 60664-1
	DIN EN 61643-11
Mounting type	On base element
Туре	Male
Number of positions	1



## Technical data

#### General

Surge protection fault message	Optical
Direction of action	1L-N/PE

## Protective circuit

IEC test classification	II
	T2
EN type	T2
Nominal voltage U <sub>N</sub>	230 V AC
Maximum continuous operating voltage U <sub>C</sub>	385 V AC
Nominal frequency f <sub>N</sub>	50 Hz (60 Hz)
Residual current I <sub>PE</sub>	≤ 450 µA
Standby power consumption P <sub>C</sub>	≤ 175 mVA
Max. discharge current I <sub>max</sub> (8/20) μs	40 kA
Nominal discharge current I <sub>n</sub> (8/20) μs	20 kA
Impulse discharge current (10/350)#µs, peak value l <sub>imp</sub>	3 kA
Max. energy absorption (2 ms)	800 J
Voltage protection level U <sub>p</sub>	≤ 1.8 kV
Residual voltage	≤ 1.8 kV
	≤ 1.35 kV (at 5 kA)
	≤ 1.3 kV (at 3 kA)
Response time	≤ 25 ns
Max. backup fuse with branch wiring	125 A (gL / gG)
Short-circuit resistance I <sub>P</sub> with max. backup fuse (effective)	25 kA
Capacity	2.2 nF ±30 %

## Connection, protective circuit

Connection method FLASHTRAB/VALVETRAB plug-in system connector	Connection method	FLASHTRAB/VALVETRAB plug-in system connector
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## Standards and Regulations

Standards/regulations	IEC 61643-1 2005
	DIN EN 61643-11/A11 2007
	UL 1449 ed. 2 1996
	IEEE C62.1 / C62.34 / C62.45

## Classifications

## eCl@ss

eCl@ss 4.0	27140201



## Classifications

## eCl@ss

eCl@ss 4.1	27130801
eCl@ss 5.0	27130801
eCl@ss 5.1	27130801
eCl@ss 6.0	27130805
eCl@ss 7.0	27130805
eCl@ss 8.0	27130805

#### **ETIM**

ETIM 2.0	EC000941
ETIM 3.0	EC000941
ETIM 4.0	EC000941
ETIM 5.0	EC000941

#### **UNSPSC**

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

# Approvals

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Approvals

GOST / UL Recognized / cUL Recognized / cULus Recognized

Ex Approvals

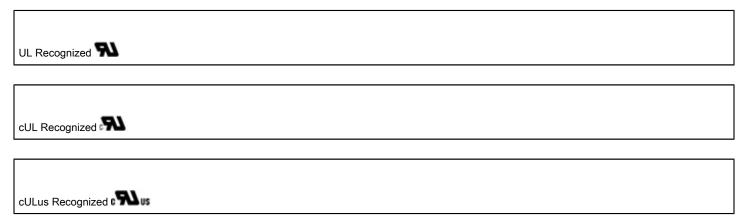
Approvals submitted

## Approval details



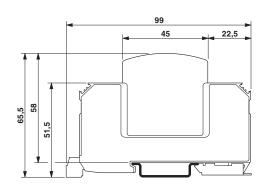


# Approvals



## **Drawings**

#### Dimensioned drawing



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