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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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## Type 2 surge protection plug - VAL-MS 600PV-UD ST - 2805198

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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)	70.0 GRM
Custom tariff number	85363010
Country of origin	Germany

### Technical data

#### Dimensions

Height	52.4 mm
Width	17.7 mm
Depth	54.5 mm
Horizontal pitch	1 Div.

#### 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
Type	Male
Number of positions	1
Surge protection fault message	Optical

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## Technical data

### General

Direction of action	1L-N/PE
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### Protective circuit

IEC test classification	II
	T2
EN type	T2
Nominal voltage $U_N$	230 V AC
Maximum continuous operating voltage $U_C$	385 V AC
Nominal frequency $f_N$	50 Hz (60 Hz)
Residual current $I_{PE}$	$\leq 450 \mu A$
Standby power consumption $P_C$	$\leq 175 \text{ mVA}$
Max. discharge current $I_{max}$ (8/20) $\mu s$	40 kA
Nominal discharge current $I_n$ (8/20) $\mu s$	20 kA
Impulse discharge current (10/350) $\mu s$ , peak value $I_{imp}$	3 kA
Max. energy absorption (2 ms)	800 J
Voltage protection level $U_p$	$\leq 1.8 \text{ kV}$
Residual voltage	$\leq 1.8 \text{ kV}$
	$\leq 1.35 \text{ kV}$ (at 5 kA)
	$\leq 1.3 \text{ kV}$ (at 3 kA)
Response time	$\leq 25 \text{ ns}$
Max. backup fuse with branch wiring	125 A (gL / gG)
Short-circuit resistance $I_p$ with max. backup fuse (effective)	25 kA
Capacity	2.2 nF $\pm 30 \%$

### Connection, protective circuit

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
eCl@ss 4.1	27130801

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### Classifications

#### eCl@ss

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

#### Approvals

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#### Approvals

#### GOST

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#### Ex Approvals

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#### Approvals submitted

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#### Approval details

GOST 
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