

## Type 2 surge protection plug - VAL-CP-350-ST-GY - 2882718

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Replacement plug for VAL-CP surge arrester with high-capacity varistor free of leakage current.

### 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	44.8 mm
Width	11.7 mm
Depth	56.4 mm

#### Ambient conditions

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

#### General

Housing material	PBT
Inflammability class according to UL 94	V0
Color	gray
Standards for air and creepage distances	DIN VDE 0110-1
	IEC 60664-1
	IEC 61643-1
Mounting type	On base element
Type	DIN rail module, two-section, divisible
Number of positions	1
Surge protection fault message	Optical

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## Technical data

### General

Direction of action	L-N / L-PEN
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### Protective circuit

IEC test classification	II
EN type	T2
Nominal voltage $U_N$	240 V AC
Maximum continuous operating voltage $U_C$	350 V AC
Nominal frequency $f_N$	50 Hz
	60 Hz
Residual current $I_{PE}$	$\leq 250 \mu A$
Standby power consumption $P_C$	$\leq 3.5 \text{ mW}$
Max. discharge current $I_{max} (8/20) \mu s$	30 kA
Nominal discharge current $I_n (8/20) \mu s$	20 kA
Voltage protection level $U_p$	$\leq 1.5 \text{ kV}$
Residual voltage	$\leq 1.5 \text{ kV (at } I_n)$
	$\leq 1.3 \text{ kV (at } 10 \text{ kA)}$
	$\leq 1.2 \text{ kV (at } 5 \text{ kA)}$
	$\leq 1 \text{ kV (at } 3 \text{ kA)}$
Response time	$\leq 25 \text{ ns}$
Max. required backup fuse with branch wiring	63 A (MCB)
Short-circuit resistance $I_p$ with max. backup fuse (effective)	20 kA

### Connection, protective circuit

Connection type IN	FLASHTRAB/VALVETRAB plug-in system
Connection type OUT	FLASHTRAB/VALVETRAB plug-in system

### Standards and Regulations

Standards/regulations	IEC 61643-1 2005
	EN 61643-11 2002

### 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	27130805

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### Classifications

#### eCl@ss

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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