


Type 1/2 surge protection plug - FLT-CP-350-ST - 2881887

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Type 1 / Class I / B arrester (lightning arrester) replacement plug for paths L-N and L-PEN, can be combined with FLASHTRAB compact series of products.



Key commercial data

Packing unit	10 pc
GTIN	 4 046356 098557
Weight per Piece (excluding packing)	127.93 g
Custom tariff number	85363030
Country of origin	Germany

Technical data

Dimensions

Width	35.8 mm
Horizontal pitch	2 Div.

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	IEC 664-1
	IEC 61643-1
	IEC 61643-11
Mounting type	On base element
Type	DIN rail module, two-section, divisible

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Technical data

General

Number of positions	1
Surge protection fault message	Optical
Direction of action	L-N / L-PEN

Protective circuit

IEC test classification	I
	T1
EN type	T1
Nominal voltage U_N	240 V AC
U_T (TOV-proof)	350 V (5 sec.)
Nominal frequency f_N	50 Hz
	60 Hz
Residual current I_{PE}	$\leq 5 \mu A$
Standby power consumption P_C	$\leq 0.35 \text{ mW}$
Nominal discharge current I_n (8/20) μs	25 kA
Impulse discharge current (10/350) μs , charge	12.5 As
Impulse discharge current (10/350) μs , specific energy	160.00 kJ/ Ω
Impulse discharge current (10/350) μs , peak value I_{imp}	25 kA
Front of wave sparkover voltage at 6 kV (1.2/50) μs	$\leq 1.5 \text{ kV}$
Voltage protection level U_p	$\leq 1.5 \text{ kV}$
Residual voltage	$\leq 1.5 \text{ kV}$ (at I_n)
	$\leq 1.2 \text{ kV}$ (at 10 kA)
	$\leq 1 \text{ kV}$ (at 5 kA)
	$\leq 0.9 \text{ kV}$ (at 3 kA)
Response time	$\leq 100 \text{ ns}$
Max. required backup fuse with V-type through wiring	315 A (gL / gG)
Recommended backup fuse maximum	160 A (gL / gG)
Short-circuit resistance I_p with max. backup fuse (effective)	25 kA
Follow current quenching capacity I_f (N-PE)	25 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 1998
	EN 61643-11 2002
	UL 1449
	IEEE C62.1
	IEEE C62.34
	IEEE C62.45

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Classifications

eCl@ss

eCl@ss 4.0	27140201
eCl@ss 4.1	27140201
eCl@ss 5.0	27140201
eCl@ss 5.1	27140201
eCl@ss 6.0	27140201
eCl@ss 7.0	27140201
eCl@ss 8.0	27140201

ETIM

ETIM 2.0	EC000381
ETIM 3.0	EC000381
ETIM 4.0	EC000381
ETIM 5.0	EC000381

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 / KEMA-KEUR / cUL Recognized / GOST / CCA / IECEE CB Scheme / cULus Recognized

Ex Approvals

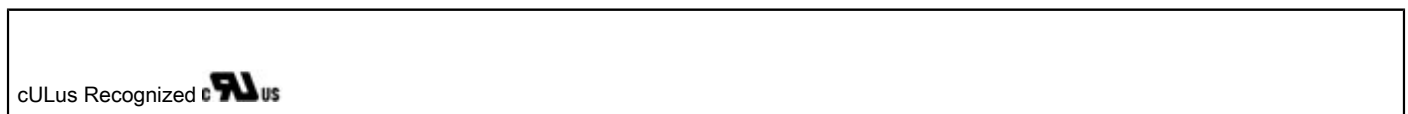
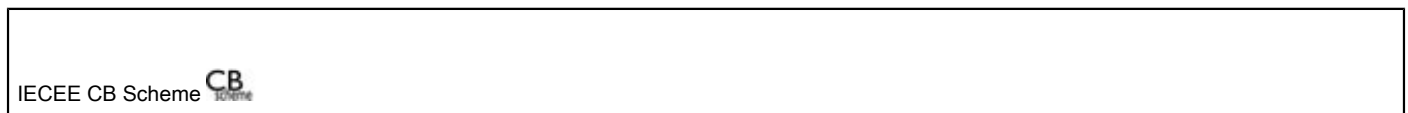
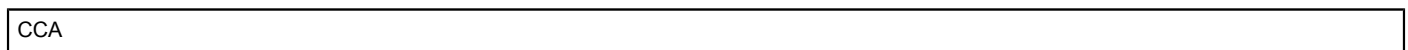
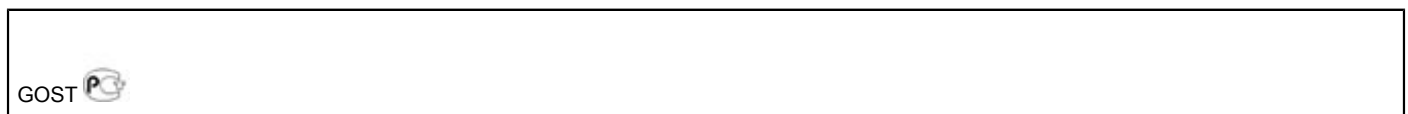
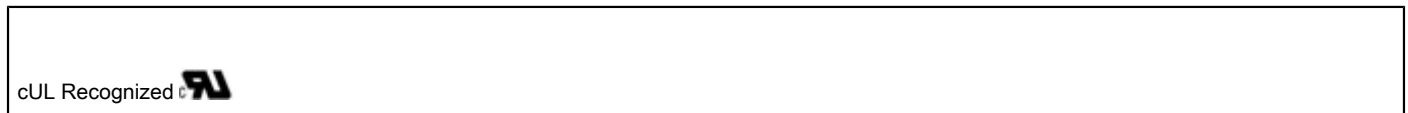
Approvals submitted

Approval details

UL Recognized

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Approvals



Accessories

Accessories

Device marking

Zack marker strip - ZBN 18:UNBEDRUCKT - 2809128



Zack marker strip, Strip, white, Unlabeled, Can be labeled with: Plotter, Mounting type: Snap into tall marker groove, For terminal block width: 18 mm, Lettering field: 18 x 5 mm

Zack marker strip - ZBN 18:UNBEDRUCKT - 2809128



Zack marker strip, Strip, white, Unlabeled, Can be labeled with: Plotter, Mounting type: Snap into tall marker groove, For terminal block width: 18 mm, Lettering field: 18 x 5 mm

Labeled device marker

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Accessories

Marker for terminal blocks - ZBN 18,LGS:L1-N,ERDE - 2749576



Marker for terminal blocks, Strip, white, labeled, Horizontal: L1, L2, L3, N, GND, Mounting type: Snap into tall marker groove, For terminal block width: 18 mm, Lettering field: 18 x 5 mm

Marker for terminal blocks - ZBN 18,LGS:ERDE - 2749589



Marker for terminal blocks, Strip, white, labeled, Horizontal: Grounding symbol, Mounting type: Snap into tall marker groove, For terminal block width: 18 mm, Lettering field: 18 x 5 mm

Marker pen

Marker pen - B-STIFT - 1051993



Marker pen, for manual labeling of unprinted Zack strips, smear-proof and waterproof, line thickness 0.5 mm

Terminal marking

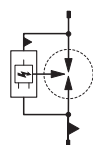
Flat zack marker sheet - ZBFM 5/WH:UNBEDRUCKT - 0803595



Flat zack marker sheet, Sheet, white, Unlabeled, Can be labeled with: Plotter, Mounting type: Snap into flat marker groove, For terminal block width: 5.2 mm, Lettering field: 5 x 4.5 mm

Drawings

Circuit diagram



Dimensioned drawing

