


# FLT-CP-PLUS-350-ST

Order No.: 2859913

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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.

Commercial data	
GTIN (EAN)	 4 046356 045520
Note	Made-to-order
sales group	J010
Pack	10 pcs.
Customs tariff	85363010
Catalog page information	Page 14 (TT-2009)

**Product notes**WEEE/RoHS-compliant since:  
06/06/2006

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Technical data	
<b>Standards</b>	
Housing material	PBT
Inflammability class acc. to UL 94	V0
Color	gray

Standards for air and creepage distances	EN 60664-1
	IEC 60664-1: 1992-10
	IEC 61643-11
Degree of protection	IP20
Mounting type	On base element
Design	DIN rail module, two-section, divisible
Number of positions	1
Ambient temperature (operation)	-40 °C ... 80 °C
Message: Surge protection fault	Optical
Direction of action	L-N / L-PEN
Width	35.80 mm
Pitch unit	2 Div.

#### Protective circuit

IEC category	I
	T1
EN type	T1
Lightning protection class	III-IV /50 kA (TT, TN-C-S)
Nominal voltage $U_N$	240 V AC
Arrester rated voltage $U_C$	350 V AC
$U_T$ (TOV-proof)	415 V (5 s)
Nominal frequency $f_N$	50 Hz (60 Hz)
Standby power consumption $P_C$	$\leq 2$ mVA
Nominal discharge surge current $I_n$ (8/20) $\mu$ s	25 kA
Lightning test current (10/350) $\mu$ s, charge	12.5 As
Lightning test current (10/350) $\mu$ s, specific energy	160.00 kJ/ $\Omega$
Lightning test current (10/350) $\mu$ s, peak value $I_{imp}$	25 kA
Impulse operate voltage at 6 kV (1.2/50) $\mu$ s	$\leq 1.5$ kV
Protection level $U_p$	$\leq 1.5$ kV
Response time	$\leq 100$ ns
Max. required backup fuse with branch wiring	315 A (gL/gG)
Max. required backup fuse with V-type through wiring	125 A (gL/gG)
Recommended backup fuse maximum	160 A (gL/gG, 125 A with serial through wiring)
Short-circuit resistance $I_p$ with max. backup fuse (effective)	50 kA

Follow current quenching capacity If	50 kA (264 V AC)
	25 kA (350 V AC)

**Connection, protective circuit**

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

**Standards**

Standards/regulations	IEC 61643-1 2005
	EN 61643-11 2002
	EN 61643-11/A11 2007
	UL 1449 ed. 2

**Certificates / Approvals**



Certification CUL, GOST, UL

**Accessories**

Item	Designation	Description
<b>Marking</b>		
1051993	B-STIFT	Marker pen, for manual labeling of unprinted Zack strips, smear-proof and waterproof, line thickness 0.5 mm
0803595	ZBFM 5/WH:UNBEDRUCKT	Zack marker sheet, flat, unprinted: 120-section, 10 strips à 12 markers, sufficient for 120 terminal blocks, for all terminal blocks, pitch 5.2 mm, labeling with M-PEN or CMS system, color: white
2749589	ZBN 18,LGS:ERDE	Marking labels, printed horizontally, strips with 5 labels, GND (grounding symbol), color: White
2749576	ZBN 18,LGS:L1-N,ERDE	Marker labels, printed horizontally, strips with 5 labels, L1, L2, L3, N, GND, color: white
0800763	ZBN 18:SO/CMS	Marker labels, 5-section, special printing, labeled according to customer requirements (Please specify the required marking with order), for terminal width: 17.5 mm, color: White
2809128	ZBN 18:UNBEDRUCKT	Unprinted marker labels, strips with 5 labels for individual labeling with M-PEN or CMS system, for terminal block width: 17.5 mm, color: White

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