

# Wiring bridge - FLT-SEC-H MPB-3+1



2910501

<https://www.phoenixcontact.com/de/produkte/2910501>

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Wiring bridge for connecting three FLASHTRAB SEC HYBRID lightning arresters with an N/PE spark gap to a 3+1 circuit for TN-S-/TT systems. Connecting pitch of 17.5 mm, 1-phase, 8-pos., 35 mm<sup>2</sup> cross section with stable plastic housing for the required touch proofness when used as neutral conductor bridge.



## Product Description

The following products are required when establishing a 3+1 circuit in TN-S/TT systems: 230/415 V AC: 3 x 2801615 (FLT-SEC-H-T1-1C-264/25-FM) + 1 x 2905472 (FLT-SEC-P-T1-N/PE-350/100-FM) + 1 x 2910501 FLT-SEC-H MPB-3+1 400/690 V AC: 3 x 2907259 (FLT-SEC-H-T1-1C-440/25-FM) + 1 x 2907262 (FLT-SEC-P-T1-N/PE-440/100-FM) + 1 x 2910501 FLT-SEC-H MPB-3+1

## Commercial Data

Item number	2910501
Packing unit	1 pc
Minimum order quantity	1 pc
Sales Key	K1 - Überspannungsschutz
Product Key	CL116Z
Catalog Page	Page 34 (C-4-2019)
GTIN	4055626461915
Weight per Piece (including packing)	97,5 g
Weight per Piece (excluding packing)	94,07 g
Customs tariff number	85369095
Country of origin	DE

## Technical Data

### Product properties

Type	Comb bridge
Product type	Bridge
Number of positions	8

### Insulation characteristics

Overvoltage category	III
Pollution degree	2

### Electrical properties

Number of phases	1
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### Connection data

Connection method	Connector
Conductor cross section solid	33.7 mm <sup>2</sup> ... 33.7 mm <sup>2</sup>

### Dimensions

Width	75 mm
Height	141 mm
Depth	2 mm

### Material specifications

Color	light grey RAL 7035
Material	Copper
Flammability rating according to UL 94	V-0
CTI value of material	600
Insulating material	PA6.6

### Environmental and real-life conditions

#### Ambient conditions

Degree of protection	IP20
Ambient temperature (operation)	85 °C
Ambient temperature (storage/transport)	85 °C

### Mounting

Mounting type	Plug-on assembly
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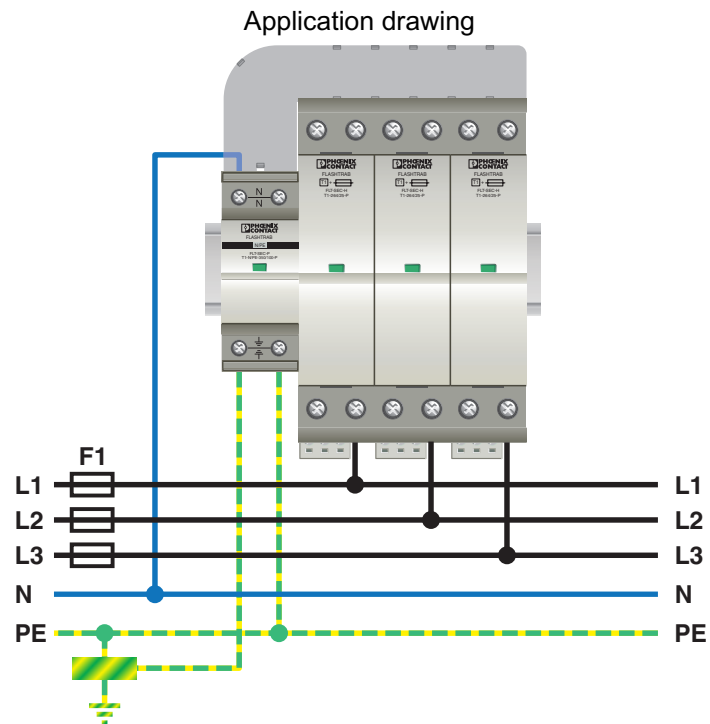
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## Drawings



Structure of a 3+1 circuit for TN-S/TT systems with an N/PE spark gap and lightning current arrester type 1 (FLT-SEC-H)

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## Classifications

### ECLASS

ECLASS-9.0	27130890
ECLASS-10.0.1	27130890
ECLASS-11.0	27130890

### ETIM

ETIM 8.0	EC002496
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### UNSPSC

UNSPSC 21.0	39121600
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## Environmental Product Compliance

China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

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## Accessories

### Type 1+2 combined lightning current and surge arrester

Type 1+2 combined lightning current and surge arrester - FLT-SEC-H-T1-1C-264/25-FM - 2801615

<https://www.phoenixcontact.com/de/produkte/2801615>



Plug-in lightning current arrester, in accordance with Type 1/Class I, with integrated surge-proof fuse, for 1-phase power supply networks with combined PE and N installed in one conductor (L1, PEN).

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### Type 1+2 combined lightning current and surge arrester

Type 1+2 combined lightning current and surge arrester - FLT-SEC-P-T1-N/PE-350/100-FM - 2905472

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Plug-in lightning current arrester, in accordance with Type 1/Class I, for use in power supply networks between N and PE.

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## Type 1+2 combined lightning current and surge arrester

Type 1+2 combined lightning current and surge arrester - FLT-SEC-H-T1-1C-440/25-FM - 2907259

<https://www.phoenixcontact.com/de/produkte/2907259>

Plug-in lightning current arrester, in accordance with Type 1/Class I, with integrated surge-proof fuse, for 1-phase power supply networks with combined PE and N installed in one conductor (L1, PEN).



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## Type 1+2 combined lightning current and surge arrester

Type 1+2 combined lightning current and surge arrester - FLT-SEC-P-T1-N/PE-440/100-FM - 2907262

<https://www.phoenixcontact.com/de/produkte/2907262>

Plug-in lightning current arrester, in accordance with Type 1/Class I, for use in power supply networks between N and PE.



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