



Automatización Eléctrica
Especialistas en Automatización

At the end of this document you will find links to products related to this catalog. You can go directly to our shop by clicking [HERE](#). [HERE](#)

Type 1 surge protection plug - FLT-SEC-H-T1-264/25-P - 2905968

Please be informed that the data shown in this PDF Document is generated from our Online Catalog. Please find the complete data in the user's documentation. Our General Terms of Use for Downloads are valid (<http://phoenixcontact.com/download>)



Replacement plug for lightning arresters from the FLASHTRAB SEC HYBRID 264 product range, for L-N and L-PEN paths.

Why buy this product

- Integrated combination of spark gap without line follow current and surge-proof fuse
- Can be used without separate backup fuse thanks to integrated overcurrent protection
- Free of leakage current, suitable for use in the pre-meter area
- Can be inserted with innovative push-pull locking mechanism
- Low voltage protection level of 1.5 kV
- Optical, mechanical status indicator



Key Commercial Data

Packing unit	1 STK
GTIN	 4 055626 012032

Technical data

Dimensions

Height	113.4 mm
Width	35.5 mm
Depth	64.2 mm
Horizontal pitch	2 Div.

Ambient conditions

Degree of protection	IP20
Ambient temperature (operation)	-40 °C ... 80 °C
Ambient temperature (storage/transport)	-40 °C ... 80 °C
Altitude	≤ 4000 m (amsl (above mean sea level))
Permissible humidity (operation)	5 % ... 95 %

Type 1 surge protection plug - FLT-SEC-H-T1-264/25-P - 2905968

Technical data

General

Standards/specifications	IEC 61643-11 2011
	EN 61643-11 2012
IEC test classification	I / II
	T1 / T2
EN type	T1 / T2
IEC power supply system	TN-C
SPD design	Voltage-switching type
Mode of protection	L-PEN
Mounting type	On base element
Color	light grey RAL 7035
Housing material	PA 6.6-FR 20% GF
	PBT-FR
Degree of pollution	2
Flammability rating according to UL 94	V-0
Number of positions	1
Surge protection fault message	optical

Protective circuit

Nominal voltage U_N	240 V AC (TN)
Nominal frequency f_N	50 Hz (60 Hz)
Maximum continuous voltage U_C	264 V AC
Nominal discharge current I_n (8/20) μ s	25 kA
Maximum discharge current I_{max} (8/20) μ s	50 kA
Impulse discharge current (10/350)# μ s, charge	12.5 As
Impulse discharge current (10/350)# μ s, specific energy	160 kJ/ Ω
Impulse discharge current (10/350)# μ s, peak value I_{imp}	25 kA
Follow current interrupt rating I_{fi}	50 kA
Short-circuit current rating I_{SCCR}	50 kA
Voltage protection level U_p	≤ 1.5 kV
Residual voltage U_{res}	≤ 1.5 kV (at I_n)
	≤ 2.5 kV (at 50 kA)
	≤ 1.2 kV (at 12.5 kA)
	≤ 1 kV (at 5 kA)
	≤ 0.9 kV (at 2.5 kA)
Front of wave sparkover voltage at 6 kV (1.2/50) μ s	≤ 1.5 kV
TOV behavior at U_T	415 V AC (5 s / withstand mode)
	460 V AC (120 min / withstand mode)
Response time t_A	≤ 100 ns

Additional technical data

Follow current interrupt rating I_{fi}	100 kA
--	--------

Type 1 surge protection plug - FLT-SEC-H-T1-264/25-P - 2905968

Technical data

Additional technical data

Short-circuit current rating I_{SCCR}	100 kA
---	--------

UL specifications

Nom. voltage	240 V AC
--------------	----------

Classifications

eCl@ss

eCl@ss 5.1	27130801
eCl@ss 6.0	27130808
eCl@ss 8.0	27130802
eCl@ss 9.0	27130802

ETIM

ETIM 4.0	EC000381
ETIM 5.0	EC000381

Approvals

Approvals

Approvals

KEMA-KEUR / EAC / CCA / IECCEB CB Scheme

Ex Approvals

Approvals submitted

Approval details

KEMA-KEUR

EAC

CCA

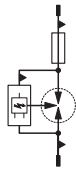
Type 1 surge protection plug - FLT-SEC-H-T1-264/25-P - 2905968

Approvals

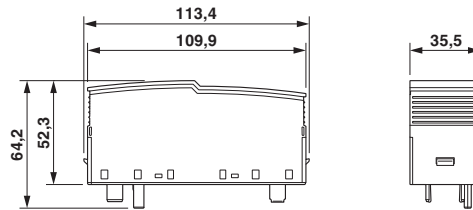
IECEE CB Scheme

Drawings

Circuit diagram



Dimensional drawing



Phoenix Contact 2016 © - all rights reserved
<http://www.phoenixcontact.com>

PHOENIX CONTACT GmbH & Co. KG
Flachsmarktstr. 8
32825 Blomberg
Germany
Tel. +49 5235 300
Fax +49 5235 3 41200
<http://www.phoenixcontact.com>



Below is a list of articles with direct links to our shop Electric Automation Network where you can see:

- Quote per purchase volume in real time.
- Online documentation and datasheets of all products.
- Estimated delivery time enquiry in real time.
- Logistics systems for the shipment of materials almost anywhere in the world.
- Purchasing management, order record and tracking of shipments.

To access the product, [click on the green button.](#)

Product	Code	Reference	Product link
Replacement plug for lightning arresters from the FLASHTRAB SEC HYBRID 264 product range, for L-N and L-PEN paths.	2905968	FLT-SEC-H-T1-264/25-P	Buy on EAN