

INDUSTRIAL COMPONENT DATA

FLT-SEC-P-T1-N/PE-350/100-P 2905473 PHOENIX CONTACT

Type 1 surge protection plug

Brand: PHOENIX CONTACT | Manufacturer Part Number: FLT-SEC-P-T1-N/PE-350/100-P



Manufacturer	PHOENIX CONTACT
MPN / Reference	FLT-SEC-P-T1-N/PE-350/100-P
Catalog number	2905473
Category	Accessories/spare parts for surge protection power supply systems
Minimum order	1 Pcs
Document ID	EO-A760748F2B
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Product Overview

Type 1 surge protection plug

Replacement connectors for lightning current arresters from the FLASHTRAB SEC product line, for the N-PE section.

Replacement plug for lightning current arresters from the FLASHTRAB SEC product range, for the N-PE path.

STRUCTURED PRODUCT DATA

Technical Specifications

No structured technical attributes are currently available. Submit an RFQ for technical review.

Classification & Catalog Path

Catalog path	PHOENIX CONTACT > Trabtech (TT)
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Additional Product Information

Technical dataProduct propertiesProduct type Replacement plug

Product family SEC Family

IEC test classification I / II

I

T1 / T2

T1

EN type T1 / T2

T1

IEC power supply system TN

TT

Type Male

Number of positions 1

Surge protection fault message optical

Data management status

Article revision 04

Insulation characteristics

Overvoltage category III

Pollution degree 2

Electrical propertiesNominal frequency f_N 50 Hz (60 Hz)

Connection dataConnection method pluggable

DimensionsDimensional drawing

Width 35.5 mm

Height 46.4 mm

Depth 59.4 mm

Horizontal pitch 2 Div.

Material specificationsColor light gray (RAL 7035)

Flammability rating according to UL 94 V-0

CTI value of material 600

Insulating material PA6.6-FR 20% GF

PBT-FR

Material group I

Housing material PA 6.6-FR 20 % GF

PBT-FR

Protective circuitMode of protection N-PE

Direction of action N-PE

Nominal voltage UN 240 V AC (TN - only N-PE)

240 V AC (TT - only N-PE)

Nominal frequency f_N 50 Hz (60 Hz)

Maximum continuous voltage UC 350 V AC

Residual current IPE ≤ 0.01 mA

Nominal discharge current $I_n(8/20)$ μ s 100 kA

Impulse discharge current (10/350) μ s, charge 50 As

Impulse discharge current (10/350) μ s, specific energy 2500 kJ/?

Impulse discharge current (10/350) μ s, peak value I_{imp} 100 kA

Follow current interrupt rating I_{fi} 100 A (350 V AC)

Voltage protection level $U_p \leq 1.5$ kV

Residual voltage $U_{res} \leq 1.5$ kV (at I_n)

≤ 1 kV (at 10 kA)

≤ 0.9 kV (at 5 kA)

≤ 0.8 kV (at 3 kA)

Front of wave sparkover voltage at 6 kV (1.2/50) μ s ≤ 1.5 kV

TO...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / FLT-SEC-P-T1-N/PE-350/100-P with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

GLOBAL OFFICES

Germany: Lise-Meitner-Straße 13, 89081 Ulm | USA: 16225 Park Ten Pl #500, Houston, TX 77084 | UAE: HDS Business Centre Tower, Cluster M, 33rd Floor, JLT, Dubai

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