INDUSTRIAL COMPONENT DATA

# VAL-SEC-T2-GDT-800DC-P 1052649 PHOENIX CONTACT Type 2 surge protection plug

**Brand: PHOENIX CONTACT | Manufacturer Part Number: VAL-SEC-T2-GDT-800DC-P**



| | |
|---|---|
| Manufacturer | PHOENIX CONTACT |
| MPN / Reference | VAL-SEC-T2-GDT-800DC-P |
| Catalog number | 1052649 |
| Category | Accessories/spare parts for surge protection power supply systems |
| Minimum order | 1 Pcs |
| Document ID | EO-0E5467A902 |
| Generated | 2026-11-18 |

## Product Overview

Type 2 surge protection plug
Replacement connector for surge protection device from the VALVETRAB SEC product line for DC power sources. Ground the path for 220 and 380 V DC.
Replacement plug for surge protective devices from the VALVETRAB SEC product range for DC power sources. Protection of the path to the ground for 220 und 380 V DC.

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) |

## Additional Product Information

Technical dataNotesGeneral
Note The VAL-SEC-T2-GDT-800DC-P protective plug (Item No..: 1052649) is only to be used in series connection with a VAL-SEC-T2-220DC-P (Item No..: 2907879) or VAL-SEC-T2- 380DC-P (Item No..: 2907880). It is not designed for direct use on mains voltage.
Uagn>= 600 V
Product propertiesProduct type Replacement plug
Product family SEC Family
IEC test classification II
T2
EN type T2
IEC power supply system DC

Type Male
Number of positions 1
Surge protection fault message optical
Data management status
Article revision 01
Insulation characteristics
Overvoltage category III
Pollution degree 2
Connection dataConnection method pluggable
DimensionsDimensional drawing
Width 11.7 mm
Height 46.4 mm
Depth 59.4 mm
Horizontal pitch 0.6 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 (DC+/DC-) - PE
Residual current IPE <= 5 µA
Nominal discharge current In(8/20) µs 20 kA
Maximum discharge current Imax(8/20) µs 40 kA
Voltage protection level Up <= 1.5 kV
Residual voltage Ures <= 0.5 kV (at In)
<= 0.5 kV (at 10 kA)
<= 0.5 kV (at 5 kA)
<= 0.5 kV (at 4 kA)
<= 0.5 kV (at 2 kA)
Front of wave sparkover voltage at 6 kV (1.2/50) µs <= 1.5 kV
Response time tA <= 100 ns
Environmental and real-life conditionsAmbient conditions
Degree of protection IP20
Ambient temperature (op...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / VAL-SEC-T2-GDT-800DC-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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