

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-60C3D4A488
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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)
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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.

U_{agn} ≥ 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 $\leq 5 \mu\text{A}$

Nominal discharge current $I_n(8/20) \mu\text{s}$ 20 kA

Maximum discharge current $I_{\text{max}}(8/20) \mu\text{s}$ 40 kA

Voltage protection level $U_p \leq 1.5 \text{ kV}$

Residual voltage $U_{\text{res}} \leq 0.5 \text{ kV}$ (at I_n)

$\leq 0.5 \text{ kV}$ (at 10 kA)

$\leq 0.5 \text{ kV}$ (at 5 kA)

$\leq 0.5 \text{ kV}$ (at 4 kA)

$\leq 0.5 \text{ kV}$ (at 2 kA)

Front of wave sparkover voltage at 6 kV (1.2/50) μs $\leq 1.5 \text{ kV}$

Response time $t_A \leq 100 \text{ ns}$

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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