INDUSTRIAL COMPONENT DATA

VAL-SEC-T2-175-P 2905355 PHOENIX CONTACT Type 2 surge protection plug

Brand: PHOENIX CONTACT | Manufacturer Part Number: VAL-SEC-T2-175-P



Manufacturer	PHOENIX CONTACT
MPN / Reference	VAL-SEC-T2-175-P
Catalog number	2905355
Category	Accessories/spare parts for surge protection power supply systems
Minimum order	1 Pcs
Document ID	EO-AAC2F15268
Generated	2026-11-18

Product Overview

Type 2 surge protection plug
Replacement connector for surge arrester from the VALVETRAB SEC product line for L-N and L-PEN paths.

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 dataProduct propertiesProduct type Replacement plug
Product family SEC Family
IEC test classification II
T2
EN type T2
IEC power supply system TN
TT
Type Male
Number of positions 1
Surge protection fault message optical
Data management status
Article revision 03
Insulation characteristics
Overvoltage category III

Pollution degree 2
Electrical propertiesNominal frequency fN 50 Hz (60 Hz)
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 L-N
L-PEN
Direction of action L-N / L-PEN
Nominal voltage UN 120 V AC (TN)
120 V AC (TT)
Nominal frequency fN 50 Hz (60 Hz)
Maximum continuous voltage UC 175 V AC
Nominal discharge current In(8/20) µs 20 kA
Maximum discharge current Imax(8/20) µs 40 kA
Short-circuit current rating ISCCR 25 kA (for a backup fuse of up to 315 A gG)
50 kA (for a backup fuse of up to 200 A gG)
Voltage protection level Up <= 0.85 kV
Residual voltage Ures <= 0.85 kV (at In)
<= 0.75 kV (at 10 kA)
<= 0.65 kV (at 5 kA)
<= 0.63 kV (at 4 kA)
<= 0.57 kV (at 2 kA)
TOV behavior at UT 240 V AC (5 s / withstand mode)
240 V AC (120 min / safe failure mode)
Response time tA <= 25 ns
Max. backup fuse with branch wiring 315 A (gG)
E...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / VAL-SEC-T2-175-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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