INDUSTRIAL COMPONENT DATA

# VAL-US-48/65/1+0-FM 2910345 PHOENIX CONTACT Type 1/2 surge protection device

**Brand: PHOENIX CONTACT | Manufacturer Part Number: VAL-US-48/65/1+0-FM**



| | |
|---|---|
| Manufacturer | PHOENIX CONTACT |
| MPN / Reference | VAL-US-48/65/1+0-FM |
| Catalog number | 2910345 |
| Category | Surge protection device for power supply systems |
| Minimum order | 1 Pcs |
| Document ID | EO-6FA938FA93 |
| Generated | 2026-11-18 |

## Product Overview

Type 1/2 surge protection device
1-channel surge protection device with remote indication contact, for 48 V DC.

STRUCTURED PRODUCT DATA

## Technical Specifications

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

## Classification & Catalog Path

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|---|---|
| Catalog path | PHOENIX CONTACT > Trabtech (TT) |

## Additional Product Information

Key Commercial Data
Orderkey 2910345
Packing unit 1 pc
Note Made to Order (non-returnable)
GTIN 4055626444871
Weight per Piece (excluding packing) 130.000 g
Custom tariff number 85363030
Country of origin US (United States)
Dimensions
Height 96.8 mm
Width 17.8 mm
Depth 65.5 mm
Horizontal pitch 1 Div.
Ambient conditions

Degree of protection IP20 (only when all terminal points are used)
Ambient temperature (operation) -40 °C ... 80 °C
Ambient temperature (storage/transport) -40 °C ... 80 °C
Altitude <= 2000 m (amsl (above mean sea level))
Permissible humidity (operation) 5 % ... 95 %
Shock (operation) 30g (Half-sine / 11 ms / 3x ±X, ±Y, ±Z)
Vibration (operation) 7.5g (10 ... 500 Hz / 2.5 h / X, Y, Z)
General
IEC test classification I / II
T1 / T2
EN type T1 / T2
IEC power supply system DC
Mode of protection (DC+) - (DC-)
Mounting type DIN rail: 35 mm
Color jet black RAL 9005
Housing material PA 6.6
PBT
Degree of pollution 2
Flammability rating according to UL 94 V-0
Type DIN rail module, two-section, divisible
Number of positions 1
Surge protection fault message Optical, remote indicator contact
Protective circuit
Nominal voltage UN 60 V DC ±10 %
-48 V DC ±10 % (RRH)
Maximum continuous voltage UC 100 V DC
Rated load current IL 80 A
Residual current IPE <= 0.6 mA
Nominal discharge current In(8/20) µs 12.5 kA
Total discharge current Itotal(10/350) µs 12.5 kA
Short-circuit current rating ISCCR 5 kA
Voltage protection level Up <= 0.4 kV
Residual voltage Ures <= 0.4 kV (at In)
<= 0.35 k...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / VAL-US-48/65/1+0-FM 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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