

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-20892F6993
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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

Catalog path	PHOENIX CONTACT > Trabtech (TT)
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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 $\leq$ 2000 m (amsl (above mean sea level))

Permissible humidity (operation) 5 % ... 95 %

Shock (operation) 30g (Half-sine / 11 ms / $3x \pm X, \pm Y, \pm Z$)

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 $\leq$ 0.6 mA

Nominal discharge current $I_n(8/20)$ μ s 12.5 kA

Total discharge current $I_{total}(10/350)$ μ s 12.5 kA

Short-circuit current rating ISCCR 5 kA

Voltage protection level Up $\leq$ 0.4 kV

Residual voltage Ures $\leq$ 0.4 kV (at I_n)

$\leq$ 0.35 kV...

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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