

INDUSTRIAL COMPONENT DATA

VAL-US-48/40/1+1V-FM 2910344 PHOENIX CONTACT Type 2 surge protection device

Brand: PHOENIX CONTACT | Manufacturer Part Number: VAL-US-48/40/1+1V-FM



Manufacturer	PHOENIX CONTACT
MPN / Reference	VAL-US-48/40/1+1V-FM
Catalog number	2910344
Category	Surge protection device for power supply systems
Minimum order	1 Pcs
Document ID	EO-303CE95BB4
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Product Overview

Type 2 surge protection device

2-channel surge protection device with remote indication contact, for 48 V DC, 2 wires plus ground.

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 2910344

Packing unit 1 pc

GTIN 4055626444864

Weight per Piece (excluding packing) 190.000 g

Custom tariff number 85363030

Country of origin US (United States)

Dimensions

Height 96.8 mm

Width 35.6 mm

Depth 65.5 mm

Horizontal pitch 2 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) 25g (Half-sine / 11 ms / $3x \pm X, \pm Y, \pm Z$)

Vibration (operation) 5g (10 ... 500 Hz / 2.5 h / X, Y, Z)

General

IEC test classification II

T2

EN type T2

IEC power supply system DC

Mode of protection (DC+) - (DC-)

(DC+/DC-) - PE

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 2

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 ≤ 0.45 mA

Nominal discharge current $I_n(8/20)$ μs 15 kA

Short-circuit current rating ISCCR 5 kA

Voltage protection level Up(DC+) - (DC-) ≤ 0.55 kV

Voltage protection level Up(DC+/DC-) - PE ≤ 0.55 kV

Residual voltage Ures ≤ 0.55 kV (at I_n)

≤ 0.425 kV (at 10 kA)

$\leq 0.325...$

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / VAL-US-48/40/1+1V-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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