

## INDUSTRIAL COMPONENT DATA

# VAL-US-120/40/1+1-FM 2910349 PHOENIX CONTACT Type 2 surge protection device

Brand: PHOENIX CONTACT | Manufacturer Part Number: VAL-US-120/40/1+1-FM



|                 |                                                  |
|-----------------|--------------------------------------------------|
| Manufacturer    | PHOENIX CONTACT                                  |
| MPN / Reference | VAL-US-120/40/1+1-FM                             |
| Catalog number  | 2910349                                          |
| Category        | Surge protection device for power supply systems |
| Minimum order   | 1 Pcs                                            |
| Document ID     | EO-2E7EE92348                                    |
| Generated       | 2026-08-02                                       |

## Product Overview

Type 2 surge protection device

2-channel surge protection device with remote indication contact, for 120 V AC, 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) |
|--------------|---------------------------------|

## Additional Product Information

Key Commercial Data

Orderkey 2910349

Packing unit 1 pc

GTIN 4055626444901

Weight per Piece (excluding packing) 225.200 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  $\leq 2000$  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 TN-S

TT

Mode of protection L-N

L-PE

N-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 120 V AC (TN-S)

120 V AC (TT)

Nominal frequency fN 50 Hz (60 Hz)

Rated load current IL 80 A

Residual current IPE  $\leq 5 \mu\text{A}$

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

Follow current interrupt rating  $I_{fi}(N-PE)$  100 A (305 V AC)

Short-circuit current rating ISCCR 25 kA

Voltage protection level  $U_p(L-N) \leq 0.9$  kV

Voltage protection level  $U_p(L-PE) \leq 1.6$  kV

Voltage protection level  $U_p(N-PE) \leq 1.5$  kV

Residu...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / VAL-US-120/40/1+1-FM with the required quantity to [info@electricaonline.com](mailto:info@electricaonline.com) or use [electricaonline.com/request-quote](https://electricaonline.com/request-quote).

### GLOBAL OFFICES

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