

## INDUSTRIAL COMPONENT DATA

# VAL-US-277/40/1+0-FM 2910372 PHOENIX CONTACT Type 2 surge protection device

Brand: PHOENIX CONTACT | Manufacturer Part Number: VAL-US-277/40/1+0-FM



|                 |                                                  |
|-----------------|--------------------------------------------------|
| Manufacturer    | PHOENIX CONTACT                                  |
| MPN / Reference | VAL-US-277/40/1+0-FM                             |
| Catalog number  | 2910372                                          |
| Category        | Surge protection device for power supply systems |
| Minimum order   | 1 Pcs                                            |
| Document ID     | EO-7191DEF740                                    |
| Generated       | 2026-08-04                                       |

## Product Overview

Type 2 surge protection device

1-channel surge protection device with remote indication contact, for 277 V AC.

## 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 &gt; Trabtech (TT)

## Additional Product Information

Key Commercial Data

Orderkey 2910372

Packing unit 1 pc

Note Made to Order (non-returnable)

GTIN 4055626445113

Weight per Piece (excluding packing) 148.900 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) 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-C

Mode of protection L-PEN

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 277 V AC (TN-C)

Nominal frequency fN 50 Hz (60 Hz)

Maximum continuous voltage UC 385 V AC

Residual current IPE  $\leq$  450  $\mu$ A

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

Maximum discharge current  $I_{max}(8/20)$   $\mu$ s 40 kA

Short-circuit current rating ISCCR 25 kA

Voltage protection level Up  $\leq$  2 kV

Residual voltage Ures  $\leq$  1.8 kV (at  $I_n$ )

$\leq$  1.6 kV (at 10 kA)

$\leq$  1.4 kV (at 5 kA)

$\leq$  1.3 kV....

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / VAL-US-277/40/1+0-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

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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