INDUSTRIAL COMPONENT DATA

VAL-US-277/40/1+1-FM 2910373 PHOENIX CONTACT Type 2 surge protection device

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



Manufacturer	PHOENIX CONTACT
MPN / Reference	VAL-US-277/40/1+1-FM
Catalog number	2910373
Category	Surge protection device for power supply systems
Minimum order	1 Pcs
Document ID	EO-1A79575939
Generated	2026-11-19

Product Overview

Type 2 surge protection device
2-channel surge protection device with remote indication contact, for 277 V AC, 2 wires plus ground.
Surge protective device, two channel with remote indicator contact for 277 V AC, 2-wire 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

Technical dataProduct propertiesProduct type Surge protection for NEMA power supply units
Product family VALVETRAB US
IEC test classification II
T2
EN type T2
IEC power supply system TN-S
TT
Type DIN rail module, two-section, divisible
Number of positions 2
Surge protection fault message Optical, remote indicator contact
Data management status
Article revision 04
Insulation characteristics

Overvoltage category III
Pollution degree 2
Electrical propertiesNominal frequency fN 50 Hz (60 Hz)
Indicator/remote signaling
Connection name Remote fault indicator contact
Switching function Changeover contact
Operating voltage 5 V AC ... 250 V AC
30 V DC
Operating current 5 mA AC ... 750 mA AC
1 A DC
Connection dataConnection method Screw connection
Screw thread M5
Tightening torque 3 Nm (1.5 mm² ... 16 mm²)
4.5 Nm (25 mm² ... 35 mm²)
Stripping length 16 mm
Conductor cross section flexible 1.5 mm² ... 25 mm²
Conductor cross section rigid 1.5 mm² ... 35 mm²
Conductor cross section AWG 15 ... 2
Connection method Fork-type cable lug
Conductor cross section flexible 1.5 mm² ... 16 mm²
Remote fault indicator contact
Connection method Plug-in/screw connection via COMBICON
Screw thread M2
Tightening torque 0.25 Nm
Stripping length 7 mm
Conductor cross section flexible 0.14 mm² ... 1.5 mm²
Conductor cross section rigid 0.14 mm² ... 1.5 mm²
Conductor cross section AWG 28 ... 16
DimensionsDimensional drawing
Width 35.6 mm
Height 96.8 mm
Depth 65.7 mm (incl. DIN rail 7.5 mm)
Horizontal pitch 2 Div...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

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

Catalog-generated document. Product names, marks and specifications belong to their respective owners. Verify safety-critical, compatibility and certification requirements against the manufacturer documentation before purchase or installation.