

INDUSTRIAL COMPONENT DATA

VAL-US 60/1+1/1U/FM 2909630 PHOENIX CONTACT Type 2 surge arrester

Brand: PHOENIX CONTACT | Manufacturer Part Number: VAL-US 60/1+1/1U/FM



Manufacturer	PHOENIX CONTACT
MPN / Reference	VAL-US 60/1+1/1U/FM
Catalog number	2909630
Category	Surge protection device for power supply systems
Minimum order	1 Pcs
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Product Overview

Type 2 surge arrester

Universal plug-in surge and lightning current protection device equipped with varistors for 48-60 V DC applications with two conductors and grounding, with remote indication contact

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 2909630

Packing unit 1 pc

Note Made to Order (non-returnable)

GTIN 4055626370538

Weight per Piece (excluding packing) 222.220 g

Custom tariff number 85363010

Country of origin US (United States)

Dimensions

Height 40.6 mm

Width 70.6 mm

Depth 85.6 mm

Height unit 1 U

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) 30g (Half-sine / 11 ms / 3x ±X, ±Y, ±Z)

Vibration (operation) 7.5g (10 ... 500 Hz / 2.5 h / X, Y, Z)

General

IEC test classification II

T2

EN type T2

IEC power supply system TN-S

Mode of protection L-N

N-PE

Mounting type Panel mount

Color gray

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

Surge protection fault message Optical, remote indicator contact

Additional descriptions

Note For installation into a touch protected cabinet. For applications with $U_C > 500$ V distances at the side and distances at the connection area must be minimum of 5 mm between different active parts including earthed parts.

Protective circuit

Nominal voltage U_N -48 V DC ±10 % (RRH)

Nominal frequency f_N 50 Hz (60 Hz)

Maximum continuous voltage U_C 75 V AC

100 V DC

Rated load current I_L 80 A

Residual current $I_{PE} \leq 0.45$ mA

Standb...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / VAL-US 60/1+1/1U/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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