

ANTREX Electronics

Electronic Components Sourcing Information

Product Reference Information

Part Number:	2906281
Manufacturer:	Phoenix Contact
Package:	Module
Availability:	Please confirm with sales

Product Page:

<https://antrexco.com/product/details/phoenix-contact/2906281.html>

Request a Quote:

[Submit RFQ for this part](#)



Scan for product page

Contact Information

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Quality & Trust

New & Original Components

Supplier verification and packaging condition review

CoC / RoHS / REACH documents available on request

Secure sourcing support for OEM / EMS projects

Note:

This PDF includes an ANTREX product reference cover page.

The original manufacturer datasheet follows from the next page.

Lightning/surge arrester type 1/2 - VAL-MS-T1/T2 48/12.5/O - 2906281

Please be informed that the data shown in this PDF Document is generated from our Online Catalog. Please find the complete data in the user's documentation. Our General Terms of Use for Downloads are valid (<http://phoenixcontact.com/download>)

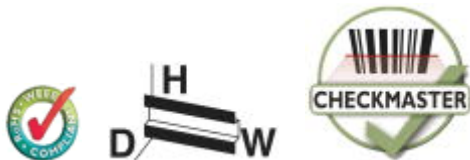


FM version shown

Universal varistor-based plug-in lightning/surge arrester for 1-phase power supply networks with common N and PE (2-conductor system: L1, PEN), with remote indication contact.

Product Features

- ✓ Plug-in direction parallel to the conductor axis
- ✓ Versions with and without floating remote indication contact
- ✓ Rack-mount 2U panel applications
- ✓ Accepts Type 1 and Type 2 VAL-MS plugs.
- ✓ Coding when protective plug is inserted for the first time
- ✓ DIN rail mounting



Key Commercial Data

Packing unit	1 pc
Weight per Piece (excluding packing)	145.83 g
Custom tariff number	85363090
Country of origin	Germany

Technical data

Product type	Lightning arrester/surge arrester
Approval	UL Recognized
	cUL Recognized
Type	DIN rail module, two-section, divisible
Direction of action	L-N / L-PEN
Fault warning	Optical, remote indicator contact
Impulse discharge current I_{imp}	12.5

Lightning/surge arrester type 1/2 - VAL-MS-T1/T2 48/12.5/O - 2906281

Technical data

	12.5
	12.5
	12.5
	12.5
Nominal discharge current I_n	12.5
Nominal voltage U_N	60 V DC
	-48 V DC

Classifications

eCl@ss

eCl@ss 5.1	27130801
eCl@ss 6.0	27130802

Approvals

Approvals

Approvals

UL Recognized / cUL Recognized / cULus Recognized

Ex Approvals

Approvals submitted

Approval details

UL Recognized 

cUL Recognized 
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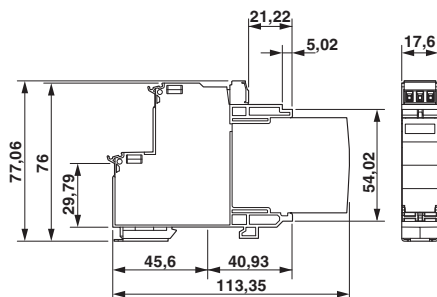
Lightning/surge arrester type 1/2 - VAL-MS-T1/T2 48/12.5/O - 2906281

Approvals

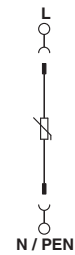
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Drawings

Dimensional drawing



Circuit diagram



FM version shown