

## INDUSTRIAL COMPONENT DATA

# VAL-MB-T2-750DC-2+V-R 1376160 PHOENIX CONTACT Type 2/Class II surge protection device for single-pole earthe..

Brand: PHOENIX CONTACT | Manufacturer Part Number: VAL-MB-T2-750DC-2+V-R



|                 |                                                  |
|-----------------|--------------------------------------------------|
| Manufacturer    | PHOENIX CONTACT                                  |
| MPN / Reference | VAL-MB-T2-750DC-2+V-R                            |
| Catalog number  | 1376160                                          |
| Category        | Surge protection device for power supply systems |
| Minimum order   | 1 Pcs                                            |
| Document ID     | EO-BF7FDA4868                                    |
| Generated       | 2026-08-05                                       |

## Product Overview

Type 2/Class II surge protection device for single-pole earthed DC power systems up to 800 V DC, for rail mounting, with remote indication contact.

Model 2 Surge Arrester

Surge protective device, acc. to type 2/class II, for grounded, unipolar DC supply systems up to 800 V DC, for DIN rail mounting, 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

Technical dataProduct propertiesIEC test classification T2

EN type T2

IEC power supply system DC

Type DIN rail module, one-piece

Product type Surge arrester

Surge protection fault message Optical, remote indicator contact

Insulation characteristics

Overvoltage category III

Pollution degree 2

Electrical propertiesIndicator/remote signaling

Connection name Remote fault indicator contact

Switching function Changeover contact  
Operating voltage 5 V AC ... 250 V AC (Altitude ≤ 2000 m amsl)  
5 V DC ... 30 V DC (200 mA DC)  
Operating current 5 mA AC ... 1.5 A AC  
5 mA DC ... 1 A DC  
Connection data Cross section AWG (converted acc. to IEC)  
Connection method Screw connection  
Screw thread M5  
Tightening torque 3 Nm  
Stripping length 16 mm  
Conductor cross section flexible 2.5 mm<sup>2</sup> ... 35 mm<sup>2</sup>  
Conductor cross section AWG 14 ... 2  
Remote fault indicator contact  
Connection method Screw connection  
Screw thread M2  
Tightening torque 0.25 Nm  
Stripping length 7 mm  
Conductor cross section flexible 0.14 mm<sup>2</sup> ... 1.5 mm<sup>2</sup>  
Conductor cross section rigid 0.14 mm<sup>2</sup> ... 1.5 mm<sup>2</sup>  
Conductor cross section AWG 28 ... 16  
Dimensions Dimensional drawing  
Width 71.2 mm  
Height 120 mm  
Depth 65.5 mm (incl. DIN rail 7.5 mm)  
Horizontal pitch 4 Div.  
Material specifications Flammability rating according to UL 94 V-0  
CTI value of material 600  
Insulating material PA 6.6  
PBT  
Housing material PA 6.6  
Protective circuit Mode of protection (DC+) - (DC-)  
(DC+/DC-) - PE  
Direction of action (L+)-PE & (L-)-PE & (L+)-(L-)  
Nominal voltage UN 750...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / VAL-MB-T2-750DC-2+V-R 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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