

**INDUSTRIAL COMPONENT DATA**

# TTC-6-MOV-D-120AC-PT-I 1109689 PHOENIX CONTACT

## Medium surge protection with integrated status indicator for ..

Brand: PHOENIX CONTACT | Manufacturer Part Number: TTC-6-MOV-D-120AC-PT-I



|                 |                                                          |
|-----------------|----------------------------------------------------------|
| Manufacturer    | PHOENIX CONTACT                                          |
| MPN / Reference | TTC-6-MOV-D-120AC-PT-I                                   |
| Catalog number  | 1109689                                                  |
| Category        | Surge protection device for data networks/MCR-technology |
| Minimum order   | 1 Pcs                                                    |
| Document ID     | EO-84E0577C90                                            |
| Generated       | 2026-08-03                                               |

### Product Overview

Medium surge protection with integrated status indicator for a 2-wire floating signal circuit.  
Medium surge protection with integrated status indication for a potential-free 2-wire signal circuit.

**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 1109689  
Packing unit 1 pc  
GTIN 4063151020170  
Weight per Piece (excluding packing) 0.000 g  
Custom tariff number 85363010  
Country of origin DE (Germany)  
Drawings  
Ambient conditions  
Protective circuit  
Standards and Regulations  
Dimensions  
General  
Connection data

Classifications

Drawings

Diagram

Dimensional drawing

Circuit diagram

Back to topDimensions

Height 92 mm

Width 6.2 mm

Depth 69.5 mm (incl. DIN rail 7.5 mm)

Back to topAmbient conditions

Ambient temperature (operation) -40 °C ... 85 °C

Ambient temperature (storage/transport) -40 °C ... 85 °C

Permissible humidity (operation) 5 % ... 95 %

Altitude  $\leq 2000$  m (amsl (above mean sea level))

Degree of protection IP20 (with end cover)

Back to topGeneral

Housing material PBT

Flammability rating according to UL 94 V-0

Color traffic grey A RAL 7042

Mounting type DIN rail: 35 mm

Type DIN rail module, one-piece

Direction of action Line-Earth Ground

Back to topProtective circuit

IEC test classification C1

C2

C3

Nominal voltage UN 120 V AC

Maximum continuous voltage UC 150 V DC

150 V AC

Rated current 10 A (60 °C)

Operating effective current  $I_{Cat UC} \leq 100 \mu A$

Residual current IPE  $\leq 100 \mu A$

Nominal discharge current  $I_n(8/20) \mu s$  (line-line) 2.5 kA

Voltage protection level  $U_p(\text{line-line}) \leq 200$  V (C1 - 800 A)

$\leq 500$  V (C2 - 5 kV)

$\leq 380$  V (C3 - 25 A)

$\leq 380$  V (C3 - 35 A)

Response time  $t_A(\text{line-line}) \leq 25$  ns

Input attenuation aE, sym. typ. 0.3 dB ( $\leq 300$  kHz / 150 ?)

Cut-off frequency  $f_g$  (3 dB), sym. in 150 Ohm system typ.....

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / TTC-6-MOV-D-120AC-PT-I 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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