

**INDUSTRIAL COMPONENT DATA**

# UT 6-TMC M 1A 0916604 PHOENIX CONTACT

## Thermomagnetic device circuit breaker

Brand: PHOENIX CONTACT | Manufacturer Part Number: UT 6-TMC M 1A



|                 |                        |
|-----------------|------------------------|
| Manufacturer    | PHOENIX CONTACT        |
| MPN / Reference | UT 6-TMC M 1A          |
| Catalog number  | 0916604                |
| Category        | Device circuit breaker |
| Minimum order   | 6 Pcs                  |
| Document ID     | EO-D653210422          |
| Generated       | 2026-08-02             |

### Product Overview

Thermomagnetic device circuit breaker  
Thermomagnetic protection switch, 1 pole, for symmetrical rail mounting  
Thermal, 1-pole rail-mount circuit breaker

**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 > Over Current Protection**

### Additional Product Information

Key Commercial Data  
Orderkey 0916604  
Packing unit 6 pc  
Catalog page Page 332 (C-4-2017)  
GTIN 4046356449007  
Weight per Piece (excluding packing) 63.880 g  
Custom tariff number 85362010  
Country of origin CZ (Czech Republic)  
General  
Number of levels 1  
Number of connections 2  
Mounting type DIN rail: 35 mm  
Color gray

Number of positions 1

Overvoltage category\_GRP II

Insulating material PA66

Flammability rating according to UL 94 V0

Electrical data

Fuse type Automatic device

Rated surge voltage 2.8 kV

Rated voltage 240 V AC (50/60 Hz)

28 V DC

240 V AC (50/60 Hz)

28 V DC

Operating voltage 50 V AC ... 264 V AC (48 - 62 Hz)

5 V DC ... 30.8 V DC

Rated current I<sub>N</sub> 1 A

Rated insulation voltage U<sub>i</sub> 440 V AC

Insulation resistance R<sub>iso</sub> > 100 M $\Omega$  (main contact)

Required backup fuse 16 A

Rated short-circuit switching capacity I<sub>cn</sub> 200 A (240 V AC)

400 A (28 V DC)

Dielectric strength 2000 V

Switching cycles, max. 6000 (at 1 x I<sub>N</sub>)

50 (at 1.5 x I<sub>N</sub>)

40 (at 6 x I<sub>N</sub>)

Degree of pollution 2

Overvoltage category\_GRP II

Dimensions

Height 85.5 mm

Width 12.3 mm

Depth 89.5 mm

Ambient conditions

Degree of protection IP40 (Actuation area)

IP20 (Connection area)

Ambient temperature (operation) -30 °C ... 60 °C

Connection data

Conductor cross section solid min. 0.2 mm<sup>2</sup>

Conductor cross section solid max. 10 mm<sup>2</sup>

Conductor cross section flexible min. 0.2 mm<sup>2</sup>

Conductor cross section flexible max. 10 mm<sup>2</sup>

Conductor cross section AWG min. 24

Conductor cross section AWG max. 8

Conductor cross section flexible, with ferrul...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / UT 6-TMC M 1A 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

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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