

INDUSTRIAL COMPONENT DATA

UT 6-TMC M 8A 0916609 PHOENIX CONTACT

Thermomagnetic device circuit breaker

Brand: PHOENIX CONTACT | Manufacturer Part Number: UT 6-TMC M 8A



Manufacturer	PHOENIX CONTACT
MPN / Reference	UT 6-TMC M 8A
Catalog number	0916609
Category	Device circuit breaker
Minimum order	6 Pcs
Document ID	EO-4E29D73482
Generated	2026-08-02

Product Overview

Thermomagnetic device circuit breaker
Thermomagnetic protection switch, 1 pole, for symmetrical rail mounting
Circuit breaker, 1 pole, for DIN rail mounting

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 0916609
Packing unit 6 pc
Catalog page Page 332 (C-4-2017)
GTIN 4046356449052
Weight per Piece (excluding packing) 63.000 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_N 8 A

Rated insulation voltage U_i 440 V AC

Insulation resistance R_{iso} > 100 M Ω (main contact)

Required backup fuse 25 A

Rated short-circuit switching capacity I_{cn} 200 A (240 V AC)

400 A (28 V DC)

Dielectric strength 2000 V

Switching cycles, max. 6000 (at 1 x I_N)

50 (at 1.5 x I_N)

40 (at 6 x I_N)

Degree of pollution 2

Overvoltage category_GRP II

Dimensions

Height 85.5 mm

Width 12.3 mm

Depth 89.5 mm

Ambient conditions

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

Altitude 2000 m (acc. to EN 60934)

Degree of protection IP40 (Actuation area)

IP20 (Connection area)

Connection data

Conductor cross section solid min. 0.2 mm²

Conductor cross section solid max. 10 mm²

Conductor cross section flexible min. 0.2 mm²

Conductor cross section flexible max. 10 mm²

Conductor cross section AWG min. 24

Conductor cross section AWG max. 8

Conductor....

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / UT 6-TMC M 8A 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

Catalog-generated document. Product names, marks and specifications belong to their respective owners. Verify safety-critical, compatibility and certification requirements against the manufacturer documentation before purchase or installation.