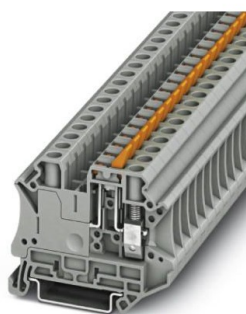


INDUSTRIAL COMPONENT DATA

UT 6-MTL 3046145 PHOENIX CONTACT Knife disconnect terminal block

Brand: PHOENIX CONTACT | Manufacturer Part Number: UT 6-MTL



Manufacturer	PHOENIX CONTACT
MPN / Reference	UT 6-MTL
Catalog number	3046145
Category	(Knife) disconnect terminal block
Minimum order	50 Pcs
Document ID	EO-1946C9E80B
Generated	2026-08-03

Product Overview

Knife disconnect terminal block

Blade interruptible terminal block, with actuation tab, nominal voltage: 500 V, nominal current: 20 A, connection type: Screw connection, Dimensioning cross-section: 6 mm², cross-section: 0.2 mm² - 10 mm², mounting: NS 35/7.5, NS 35/15, colour: grey

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 > Modular TBs

Additional Product Information

Key Commercial Data

Orderkey 3046145

Packing unit 50 pc

Minimum order quantity 50 pc

Catalog page Page 245 (C-1-2017)

GTIN 4055626007984

Weight per Piece (excluding packing) 18.510 g

Custom tariff number 85369010

Country of origin PL (Poland)

General

Number of levels 1

Number of connections 2

Potentials 1

Nominal cross section 6 mm²

Color gray

Insulating material PA

Flammability rating according to UL 94 V0

Rated surge voltage 6 kV

Degree of pollution 3

Overvoltage category III

Insulating material group I

Maximum power dissipation for nominal condition 1.31 W

Maximum load current 20 A (with 10 mm² conductor cross section)

Nominal current I_N 20 A

Nominal voltage U_N 500 V

Open side panel No

Shock protection test specification DIN EN 50274 (VDE 0660-514):2002-11

Back of the hand protection guaranteed

Finger protection guaranteed

Result of surge voltage test Test passed

Surge voltage test setpoint 7.3 kV

Result of power-frequency withstand voltage test Test passed

Power frequency withstand voltage setpoint 1.89 kV

Result of the test for mechanical stability of terminal points (5 x conductor connection) Test passed

Result of bending test Test passed

Bending test rotation speed 10 rpm

Bending test turns 135

Bending test conductor cross section/weight 0.2 mm² / 0.2 kg

6 mm² / 1.4 kg

10 mm² / 2 kg

Tensile test result Test passed

Conductor cross section tensile test 0.2 mm²

Tractive force setpoint 10 N

Conductor cross section tensile test 6 mm²

Tractive force setpoint 80 N

Conductor c...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / UT 6-MTL 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

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