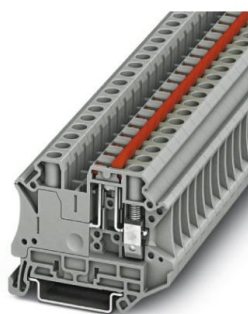


**INDUSTRIAL COMPONENT DATA**

# UT 6-MTL KNIFE-RD 3046153 PHOENIX CONTACT Knife disconnect terminal block

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



|                 |                                   |
|-----------------|-----------------------------------|
| Manufacturer    | PHOENIX CONTACT                   |
| MPN / Reference | UT 6-MTL KNIFE-RD                 |
| Catalog number  | 3046153                           |
| Category        | (Knife) disconnect terminal block |
| Minimum order   | 50 Pcs                            |
| Document ID     | EO-3CBC8E81D3                     |
| Generated       | 2026-08-06                        |

## 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 mm<sup>2</sup>, cross-section: 0.2 mm<sup>2</sup> - 10 mm<sup>2</sup>, 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 3046153

Packing unit 50 pc

Minimum order quantity 50 pc

Note Made to Order (non-returnable)

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GTIN 4055626063461

Weight per Piece (excluding packing) 18.570 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 mm<sup>2</sup>  
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 mm<sup>2</sup> conductor cross section)  
Nominal current I<sub>N</sub> 20 A  
Nominal voltage U<sub>N</sub> 500 V  
Open side panel No  
Relative insulation material temperature index (Elec., UL 746 B) 130 °C  
Temperature index of insulation material (DIN EN 60216-1 (VDE 0304-21)) 125 °C  
Static insulating material application in cold -60 °C  
Behavior in fire for rail vehicles (DIN 5510-2) Test passed  
Flame test method (DIN EN 60695-11-10) V0  
Oxygen index (DIN EN ISO 4589-2) >32 %  
NF F16-101, NF F10-102 Class I 2  
NF F16-101, NF F10-102 Class F 2  
Surface flammability NFPA 130 (ASTM E 162) passed  
Specific optical density of smoke NFPA 130 (ASTM E 662) passed  
Smoke gas toxicity NFPA 130 (SMP 800C) passed  
Calorimetric heat release NFPA 130 (ASTM E 1354) 27,5 MJ/kg  
Fire protection for rail vehicles (DIN EN 45545-2) R22 HL 1 - HL 3  
Fire protection for rail vehicles (DIN EN 45545-2) R23 HL 1 - HL 3....

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / UT 6-MTL KNIFE-RD 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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