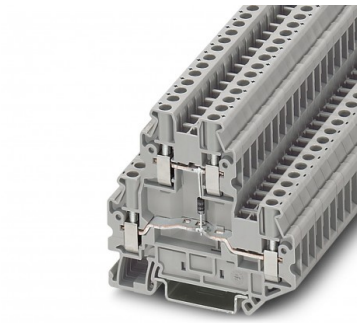
INDUSTRIAL COMPONENT DATA

UTTB 2,5-DIO/O-U 3046650 PHOENIX CONTACT Component terminal block

Brand: PHOENIX CONTACT | Manufacturer Part Number: UTTB 2,5-DIO/O-U



Manufacturer	PHOENIX CONTACT
MPN / Reference	UTTB 2,5-DIO/O-U
Catalog number	3046650
Category	Component terminal block
Minimum order	50 Pcs
Document ID	EO-E4C6751640
Generated	2026-11-18

Product Overview

Component terminal block
Terminal block for components, The max. current is determined by the diode. Mounted: 1N 4007 diode, reverse voltage: 1300 V, constant limit current: 0.5 A., with integrated diode, nominal voltage: 500 V, nominal current: 0.5 A, connection type: Screw connection, 1st and 2nd floor, Sizing cross-section: 2.5 mm², cross-section: 0.14 mm² - 4 mm², mounting class: NS 35/7.5, NS 35/15, color: gray

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 3046650
Packing unit 50 pc
Catalog page Page 223 (C-1-2017)
GTIN 4017918997182
Weight per Piece (excluding packing) 15.070 g
Custom tariff number 85369010
Country of origin PL (Poland)
General
Note The max. current is determined by the diode. Installed: Diode 1N 4007, reverse voltage: 1300 V, maximum continuous current: 0.5 A.

Number of levels 2
Number of connections 4
Nominal cross section 2.5 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
Nominal current IN 24 A
Maximum load current 28 A (with 4 mm² conductor cross section)
Nominal voltage UN 500 V
Open side panel Yes
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 0.14 mm² / 0.2 kg
2.5 mm² / 0.7 kg
4 mm² / 0.9 kg
Tensile test result Test passed
Conductor cross section tensile test 0.14 mm²
Tractive force setpoint 10 N
Conductor cross section tensile test...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / UTTB 2,5-DIO/O-U 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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