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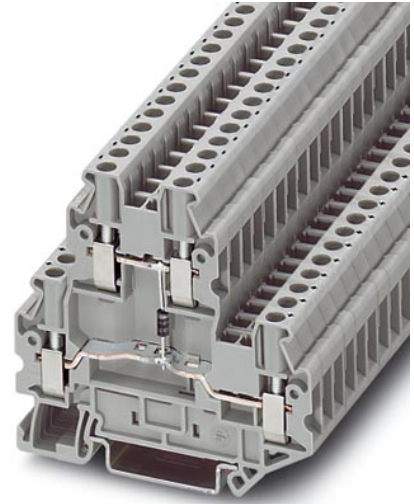
[sales@integrated-circuit.com](mailto:sales@integrated-circuit.com)



Extract from the online catalog

## UTTB 2,5-DIO/U-O

Order No.: 3046663



<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=3046663>

Component terminal block, Cross section: 0.14 mm<sup>2</sup> - 4 mm<sup>2</sup>, AWG: 26 - 12, Connection type: Screw connection, Width: 5.2 mm, Color: gray, Mounting type: NS 35/7.5, NS 35/15

Commercial data	
GTIN (EAN)	4017918997199
sales group	A832
Pack	50 pcs.
Customs tariff	85369010
Weight/Piece	0.0167 KG
Catalog page information	Page 64 (CL-2009)

### Product notes

WEEE/RoHS-compliant since:  
01/17/2005



<http://www.download.phoenixcontact.com>  
Please note that the data given here has been taken from the online catalog. For comprehensive information and data, please refer to the user documentation. The General Terms and Conditions of Use apply to Internet downloads.

## Technical data

General	
Number of levels	2
Number of connections	4

UTTB 2,5-DIO/U-O Order No.: 3046663

<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=3046663>

Color	gray
Insulating material	PA
Inflammability class acc. to UL 94	V0

**Dimensions**

Width	5.2 mm
Length	69.9 mm
Height NS 35/7.5	65 mm
Height NS 35/15	72.5 mm

**Technical data**

Maximum load current	28 A (with 4 mm <sup>2</sup> conductor cross section)
Rated surge voltage	6 kV
Pollution degree	3
Surge voltage category	III
Insulating material group	I
Nominal current I <sub>N</sub>	24 A
Nominal voltage U <sub>N</sub>	500 V

**Connection data**

Conductor cross section solid min.	0.14 mm <sup>2</sup>
Conductor cross section solid max.	4 mm <sup>2</sup>
Conductor cross section stranded min.	0.14 mm <sup>2</sup>
Conductor cross section stranded max.	4 mm <sup>2</sup>
Conductor cross section AWG/kcmil min.	26
Conductor cross section AWG/kcmil max	12
Conductor cross section stranded, with ferrule without plastic sleeve min.	0.14 mm <sup>2</sup>
Conductor cross section stranded, with ferrule without plastic sleeve max.	2.5 mm <sup>2</sup>
Conductor cross section stranded, with ferrule with plastic sleeve min.	0.14 mm <sup>2</sup>
Conductor cross section stranded, with ferrule with plastic sleeve max.	2.5 mm <sup>2</sup>
2 conductors with same cross section, solid min.	0.14 mm <sup>2</sup>
2 conductors with same cross section, solid max.	1.5 mm <sup>2</sup>
2 conductors with same cross section, stranded min.	0.14 mm <sup>2</sup>

UTT2B 2,5-DIO/U-O Order No.: 3046663

<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=3046663>

2 conductors with same cross section, stranded max.	1.5 mm <sup>2</sup>
2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.	0.14 mm <sup>2</sup>
2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.	1.5 mm <sup>2</sup>
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.	0.5 mm <sup>2</sup>
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	1.5 mm <sup>2</sup>
Type of connection	Screw connection
Stripping length	9 mm
Internal cylindrical gage	A3
Screw thread	M3
Tightening torque, min	0.5 Nm
Tightening torque max	0.6 Nm

**Certificates / Approvals**



Certification CSA, CUL, UL

**CSA**

Nominal voltage U <sub>N</sub>	300 V
Nominal current I <sub>N</sub>	1 A
AWG/kcmil	26-12

**CUL**

Nominal voltage U <sub>N</sub>	600 V
Nominal current I <sub>N</sub>	20 A
AWG/kcmil	26-12

**UL**

Nominal voltage U <sub>N</sub>	600 V
Nominal current I <sub>N</sub>	20 A
AWG/kcmil	26-12

UTTB 2,5-DIO/U-O Order No.: 3046663

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**Accessories**

Item	Designation	Description
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**Assembly**

3047316	ATP-UTT B 2,5/4	Partition plate, Length: 74.3 mm, Width: 2.2 mm, Height: 70 mm, Color: gray
3047293	D-UTT B 2,5/4	End cover, Length: 69.9 mm, Width: 2.2 mm, Height: 57.5 mm, Color: gray

**Bridges**

3030161	FBS 2-5	Plug-in bridge, Number of positions: 2, Color: red
3030174	FBS 3-5	Plug-in bridge, Number of positions: 3, Color: red
3030187	FBS 4-5	Plug-in bridge, Number of positions: 4, Color: red
3030190	FBS 5-5	Plug-in bridge, Number of positions: 5, Color: red
3030213	FBS 10-5	Plug-in bridge, Number of positions: 10, Color: red
3030226	FBS 20-5	Plug-in bridge, Number of positions: 20, Color: red
3038930	FBS 50-5	Plug-in bridge, Number of positions: 50, Color: red

**General**

3047303	DP-UTT B 2,5/4	Spacer plate, Length: 69.9 mm, Width: 2.6 mm, Height: 33 mm, Color: gray
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**Marking**

0811228	X-PEN 0,35	Marker pen without ink cartridge, for manual labeling of markers, labeling extremely wipe-proof, line thickness 0.35 mm
1050004	ZB 5 :UNBEDRUCKT	Zack strip, unprinted, 10-section, for individual labeling with M-PEN, ZB-T or CMS system, pack is sufficient for 100 terminal blocks, for a terminal width of 5.2 mm, color: White
5060906	ZB 5/WH-100:UNBEDRUCKT	Zack strip, unprinted: 10-section, for individual labeling with M-PEN, ZB-T or CMS system, large batch, sufficient for labeling 1000 terminal blocks, for a terminal width of 5.2 mm, color: White
1050295	ZB 5:SO/CMS	Zack strip, 10-section, divisible, special printing, marking according to customer requirements

**Plug/Adapter**

0201689	MPS-IH BU	Insulating sleeve, Color: blue
0201676	MPS-IH RD	Insulating sleeve, Color: red
0201663	MPS-IH WH	Insulating sleeve, Color: white
0201744	MPS-MT	Test plugs
3030925	PAI-4	Test adapter, Color: gray
3030983	PS-5	Test adapter, Color: red

UTT8 2,5-DIO/U-O Order No.: 3046663

<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=3046663>

#### Tools

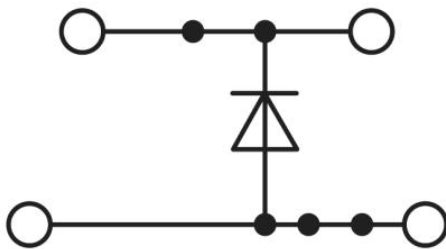
1205053

SZS 0,6X3,5

Actuation tool, for ST terminal blocks, insulated, also suitable for use as a bladed screwdriver, size: 0.6 x 3.5 x 100 mm, 2-component grip, with non-slip grip

#### Diagrams/Drawings

Circuit diagram



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