

Component terminal block - UTTB 2,5-DIO/U-O - 3046663

Please be informed that the data shown in this PDF Document is generated from our Online Catalog. Please find the complete data in the user's documentation. Our General Terms of Use for Downloads are valid (<http://download.phoenixcontact.com>)



Component terminal block, Cross section: 0.14 mm² - 4 mm², AWG: 26 - 12, Connection type: Screw connection, Width: 5.2 mm, Color: gray, Mounting type: NS 35/7,5, NS 35/15

Product Features

- Design width of just 5.2 mm

Key commercial data

package_quantity	50
GTIN	4017918997199

Technical data

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
Color	gray
Insulating material	PA
Inflammability class according to UL 94	V0

General

Maximum load current	28 A (with 4 mm ² conductor cross section)
Rated surge voltage	6 kV
Pollution degree	3
Surge voltage category	III
Insulating material group	I
Nominal current I _N	24 A
Nominal voltage U _N	500 V
Open side panel	ja

Dimensions

Width	5.2 mm
Length	69.9 mm
Height NS 35/7,5	65 mm
Height NS 35/15	72.5 mm

Component terminal block - UTTB 2,5-DIO/U-O - 3046663

Technical data

Connection data

Conductor cross section solid min.	0.14 mm ²
Conductor cross section solid max.	4 mm ²
Conductor cross section stranded min.	0.14 mm ²
Conductor cross section stranded max.	4 mm ²
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 ²
Conductor cross section stranded, with ferrule without plastic sleeve max.	2.5 mm ²
Conductor cross section stranded, with ferrule with plastic sleeve min.	0.14 mm ²
Conductor cross section stranded, with ferrule with plastic sleeve max.	2.5 mm ²
2 conductors with same cross section, solid min.	0.14 mm ²
2 conductors with same cross section, solid max.	1.5 mm ²
2 conductors with same cross section, stranded min.	0.14 mm ²
2 conductors with same cross section, stranded max.	1.5 mm ²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.	0.14 mm ²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.	1.5 mm ²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.	0.5 mm ²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	1.5 mm ²
Connection method	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

classifications

eCl@ss

eCl@ss 4.0	27141118
eCl@ss 4.1	27141118
eCl@ss 5.0	27141118
eCl@ss 5.1	27141118
eCl@ss 6.0	27141141
eCl@ss 7.0	27141141
eCl@ss 8.0	27141141

ETIM

Component terminal block - UTTB 2,5-DIO/U-O - 3046663

classifications

ETIM

ETIM 2.0	EC000901
ETIM 3.0	EC000901
ETIM 4.0	EC000901
ETIM 5.0	EC000903

UNSPSC

UNSPSC 6.01	30211811
UNSPSC 7.0901	39121410
UNSPSC 11	39121410
UNSPSC 12.01	39121410
UNSPSC 13.2	39121410

approvals

CSA / UL Recognized / cUL Recognized / cULus Recognized /

Approval details

Usegroups	B	C
Nominal voltage UN	300 V	300 V
Nominal current IN	1 A	1 A
mm ² /AWG/kcmil	26-12	26-12

Usegroups	B	C	D	
Nominal voltage UN	300 V	300 V	600 V	
Nominal current IN	20 A	20 A	5 A	
mm ² /AWG/kcmil	26-12	26-12	26-12	

Usegroups	B	C	D	
Nominal voltage UN	300 V	300 V	600 V	
Nominal current IN	20 A	20 A	5 A	
mm ² /AWG/kcmil	26-12	26-12	26-12	

Component terminal block - UTTB 2,5-DIO/U-O - 3046663

approvals

cULus Recognized  US

accessories

End cover

D-UTTB 2,5/4 - 3047293



DP PS-5 - 3036725



Partition plate

DP-UTTB 2,5/4 - 3047303



Partition plate

ATP-UTTB 2,5/4 - 3047316



Screwdriver tools

Component terminal block - UTTB 2,5-DIO/U-O - 3046663

accessories

SF-SL 0,6X3,5-100 S-VDE - 1212587



Marker pen

X-PEN 0,35 - 0811228



Bridge

FBS 2-5 - 3030161



FBS 3-5 - 3030174



FBS 4-5 - 3030187



Component terminal block - UTTB 2,5-DIO/U-O - 3046663

accessories

FBS 5-5 - 3030190



FBS 10-5 - 3030213



FBS 20-5 - 3030226



FBS 50-5 - 3038930



Mounting rail

NS 35/ 7,5 PERF 2000MM - 0801733



Component terminal block - UTTB 2,5-DIO/U-O - 3046663

accessories

NS 35/ 7,5 UNPERF 2000MM - 0801681



NS 35/ 7,5 WH PERF 2000MM - 1204119



NS 35/ 7,5 WH UNPERF 2000MM - 1204122



NS 35/ 7,5 AL UNPERF 2000MM - 0801704



NS 35/ 7,5 ZN PERF 2000MM - 1206421



NS 35/ 7,5 ZN UNPERF 2000MM - 1206434



Component terminal block - UTTB 2,5-DIO/U-O - 3046663

accessories

NS 35/ 7,5 CU UNPERF 2000MM - 0801762



NS 35/ 7,5 CAP - 1206560



Terminal marking

ZB 5 :UNBEDRUCKT - 1050004



UC-TM 5 - 0818108



UCT-TM 5 - 0828734



Component terminal block - UTTB 2,5-DIO/U-O - 3046663

accessories

ZBF 5:UNBEDRUCKT - 0808642



UC-TMF 5 - 0818153



UCT-TMF 5 - 0828744



Labeled terminal marker

ZB 5 CUS - 0824962



UC-TM 5 CUS - 0824581



Component terminal block - UTTB 2,5-DIO/U-O - 3046663

accessories

UCT-TM 5 CUS - 0829595



ZBF 5 CUS - 0825025



UC-TMF 5 CUS - 0824638



UCT-TMF 5 CUS - 0829658



Test plug terminal block

MPS-MT - 0201744



Component terminal block - UTTB 2,5-DIO/U-O - 3046663

accessories

PAI-4-N GY - 3032871



PS-5 - 3030983



PS-5/2,3MM RD - 3038723



Insulating sleeve

MPS-IH WH - 0201663



MPS-IH RD - 0201676



Component terminal block - UTTB 2,5-DIO/U-O - 3046663

accessories

MPS-IH BU - 0201689



MPS-IH YE - 0201692



MPS-IH GN - 0201702



MPS-IH GY - 0201728



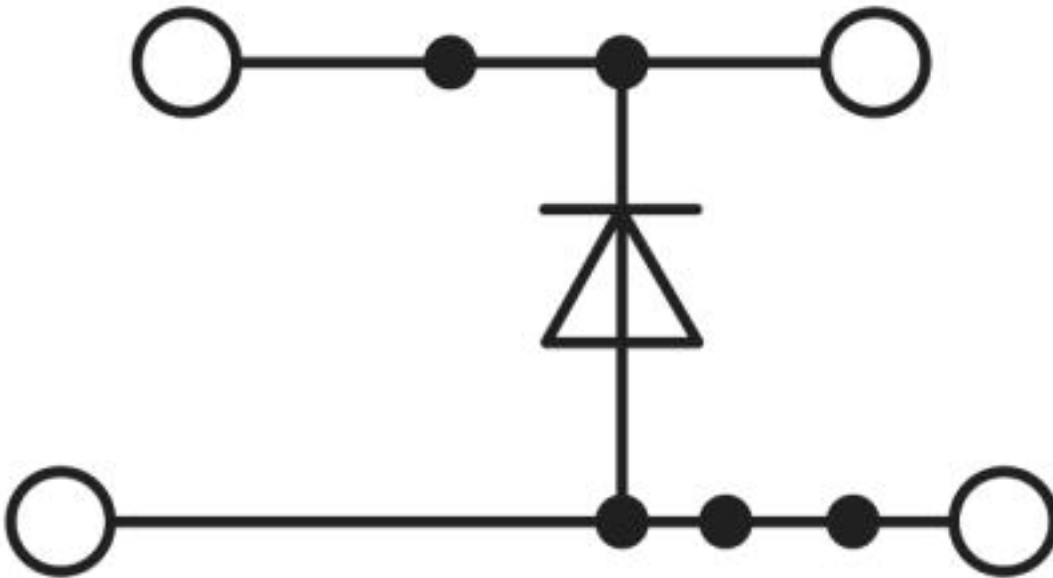
MPS-IH BK - 0201731



Drawings

Component terminal block - UTTB 2,5-DIO/U-O - 3046663

Circuit diagram



© Phoenix Contact 2013 - all rights reserved
<http://www.phoenixcontact.com>