

Double-level terminal block - UTTB 2,5/2P - 3060351

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>)



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

Product Features

- Potential routing on two levels

Key commercial data

package_quantity	50
GTIN	4046356132213

Technical data

General

Number of levels	2
Number of connections	4
Color	gray
Insulating material	PA
Inflammability class according to UL 94	V0

General

Maximum load current	22 A (with 4 mm ² conductor cross section)
Rated surge voltage	6 kV
Pollution degree	3
Surge voltage category	III
Insulating material group	I
Connection in acc. with standard	IEC 61984
Nominal current I _N	24 A
Nominal voltage U _N	500 V
Open side panel	ja
Insertion/withdrawal cycles mechanical	100
Tight fit on carrier	NS 35
Setpoint	1 N
Result of tight fit test	Test passed
Conductor cross section short circuit testing	2.5 mm ²
Short-time current	0.3 kA
Short circuit stability result	Test passed

Double-level terminal block - UTTB 2,5/2P - 3060351

Technical data

General

Proof of thermal characteristics (needle flame) effective duration	30 s
Result of thermal test	Test passed
Test specification, oscillation, broadband noise	DIN EN 50155 (VDE 0115-200):2008-03
Test spectrum	Service life test category 1, class B, body mounted
Test frequency	$f_1 = 5 \text{ Hz}$ to $f_2 = 150 \text{ Hz}$
ASD level	0.02 g ² /Hz
Acceleration	0.8 g
Test duration per axis	5 h
Test directions	X-, Y- and Z-axis
Oscillation, broadband noise test result	Test passed
Test specification, shock test	DIN EN 50155 (VDE 0115-200):2008-03
Shock form	Half-sine
Acceleration	5 g
Shock duration	30 ms
Number of shocks per direction	3
Test directions	X-, Y- and Z-axis (pos. and neg.)
Shock test result	Test passed
Temperature index, insulating material (DIN EN 60216-1 (VDE 0304-21))	120 °C

Dimensions

Width	5.2 mm
Length	74.3 mm
Height NS 35/7,5	65 mm
Height NS 35/15	72.5 mm

Connection data

Connection in acc. with standard	IEC 61984
Connection method	Screw/plug-in connection
Conductor cross section solid min.	0.14 mm ²
Conductor cross section solid max.	4 mm ²
Conductor cross section AWG/kcmil min.	26
Conductor cross section AWG/kcmil max	12
Conductor cross section stranded min.	0.14 mm ²
Conductor cross section stranded max.	4 mm ²
Min. AWG conductor cross section, stranded	26
Max. AWG conductor cross section, stranded	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

Double-level terminal block - UTTB 2,5/2P - 3060351

Technical data

Connection data

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, 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
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
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	27141120
eCl@ss 4.1	27141120
eCl@ss 5.0	27141120
eCl@ss 5.1	27141120
eCl@ss 6.0	27141120
eCl@ss 7.0	27141120
eCl@ss 8.0	27141120

ETIM

ETIM 2.0	EC000897
ETIM 3.0	EC000897
ETIM 4.0	EC000897
ETIM 5.0	EC000897

UNSPSC


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

Double-level terminal block - UTTB 2,5/2P - 3060351

approvals

UL Recognized /

Approval details

UL Recognized 			
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

accessories

Screwdriver tools

SZS 0,6X3,5 - 1205053



Marker pen

X-PEN 0,35 - 0811228



End cover

D-UTT 2,5/4 2P - 3060393



Double-level terminal block - UTTB 2,5/2P - 3060351

accessories

DP PS-5 - 3036725



Partition plate

DP-UTT 2,5/4 - 3047303



Partition plate

ATP-UTT 2,5/4 - 3047316



Flange

UTT 2,5/2P-F - 3060474



Coding element

PC - 3040588



Double-level terminal block - UTTB 2,5/2P - 3060351

accessories

Bridge

FBS 2-5 - 3030161



FBS 3-5 - 3030174



FBS 4-5 - 3030187



FBS 5-5 - 3030190



FBS 10-5 - 3030213



Double-level terminal block - UTTB 2,5/2P - 3060351

accessories

FBS 20-5 - 3030226



FBS 50-5 - 3038930



FBSR 2-5 - 3033702



FBSR 3-5 - 3001591



FBSR 4-5 - 3001592



FBSR 5-5 - 3001593



Double-level terminal block - UTTB 2,5/2P - 3060351

accessories

FBSR 10-5 - 3033710



FBS-PV UT - 3047358



Mounting rail

NS 35/ 7,5 PERF 2000MM - 0801733



NS 35/ 7,5 UNPERF 2000MM - 0801681



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



Double-level terminal block - UTTB 2,5/2P - 3060351

accessories

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



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



NS 35/ 7,5 CAP - 1206560



Double-level terminal block - UTTB 2,5/2P - 3060351

accessories

NS 35/15 PERF 2000MM - 1201730



NS 35/15 UNPERF 2000MM - 1201714



NS 35/15 WH PERF 2000MM - 0806602



NS 35/15 WH UNPERF 2000MM - 1204135



NS 35/15 AL UNPERF 2000MM - 1201756



Double-level terminal block - UTTB 2,5/2P - 3060351

accessories

NS 35/15 ZN PERF 2000MM - 1206599



NS 35/15 ZN UNPERF 2000MM - 1206586



NS 35/15 CU UNPERF 2000MM - 1201895



NS 35/15 CAP - 1206573



NS 35/15-2,3 UNPERF 2000MM - 1201798



Terminal marking

Double-level terminal block - UTTB 2,5/2P - 3060351

accessories

ZB 5 :UNBEDRUCKT - 1050004



UC-TM 5 - 0818108



UCT-TM 5 - 0828734



Labeled terminal marker

ZB 5 CUS - 0824962



ZB 5,LGS:FORTL.ZAHLEN - 1050017



Double-level terminal block - UTTB 2,5/2P - 3060351

accessories

ZB 5,QR:FORTL.ZAHLEN - 1050020



ZB 5,LGS:GLEICHE ZAHLEN - 1050033



ZB 5,LGS:L1-N,PE - 1050415



UC-TM 5 CUS - 0824581



UCT-TM 5 CUS - 0829595



Test plug terminal block

Double-level terminal block - UTTB 2,5/2P - 3060351

accessories

MPS-MT - 0201744



PAI-4-FIX-5/6 BU - 3035975



PAI-4-FIX-5/6 OG - 3035974



PAI-4-FIX-5/6 YE - 3035977



PAI-4-FIX-5/6 RD - 3035976



PAI-4-FIX-5/6 GN - 3035978



Double-level terminal block - UTTB 2,5/2P - 3060351

accessories

PAI-4-FIX-5/6 BK - 3035980



PAI-4-FIX-5/6 GY - 3035982



PAI-4-FIX-5/6 VT - 3035979



PAI-4-FIX-5/6 BN - 3035981



PS-5 - 3030983



Double-level terminal block - UTTB 2,5/2P - 3060351

accessories

PS-5/2,3MM RD - 3038723



Insulating sleeve

MPS-IH WH - 0201663



MPS-IH RD - 0201676



MPS-IH BU - 0201689



MPS-IH YE - 0201692



Double-level terminal block - UTTB 2,5/2P - 3060351

accessories

MPS-IH GN - 0201702



MPS-IH GY - 0201728



MPS-IH BK - 0201731



End block

CLIPFIX 35 - 3022218



CLIPFIX 35-5 - 3022276



Double-level terminal block - UTTB 2,5/2P - 3060351

accessories

E/NS 35 N - 0800886



Front adapter

VIP-PA-PWR/2X10COMBI/ 0,5M/S7 - 2904713



VIP-PA-PWR/2X10COMBI/ 1,0M/S7 - 2904714



VIP-PA-PWR/2X10COMBI/ 1,5M/S7 - 2904715



VIP-PA-PWR/2X10COMBI/ 2,0M/S7 - 2904716



Double-level terminal block - UTTB 2,5/2P - 3060351

accessories

VIP-PA-PWR/2X10COMBI/ 2,5M/S7 - 2904717



VIP-PA-PWR/2X10COMBI/ 3,0M/S7 - 2904718



VIP-PA-PWR/2X10COMBI/10,0M/S7 - 2904723



VIP-PA-PWR/4X10COMBI/ 0,5M/S7 - 2904702



VIP-PA-PWR/4X10COMBI/ 1,0M/S7 - 2904703



VIP-PA-PWR/4X10COMBI/ 1,5M/S7 - 2904704



Double-level terminal block - UTTB 2,5/2P - 3060351

accessories

VIP-PA-PWR/4X10COMBI/ 2,0M/S7 - 2904705



VIP-PA-PWR/4X10COMBI/ 2,5M/S7 - 2904706



VIP-PA-PWR/4X10COMBI/ 3,0M/S7 - 2904707



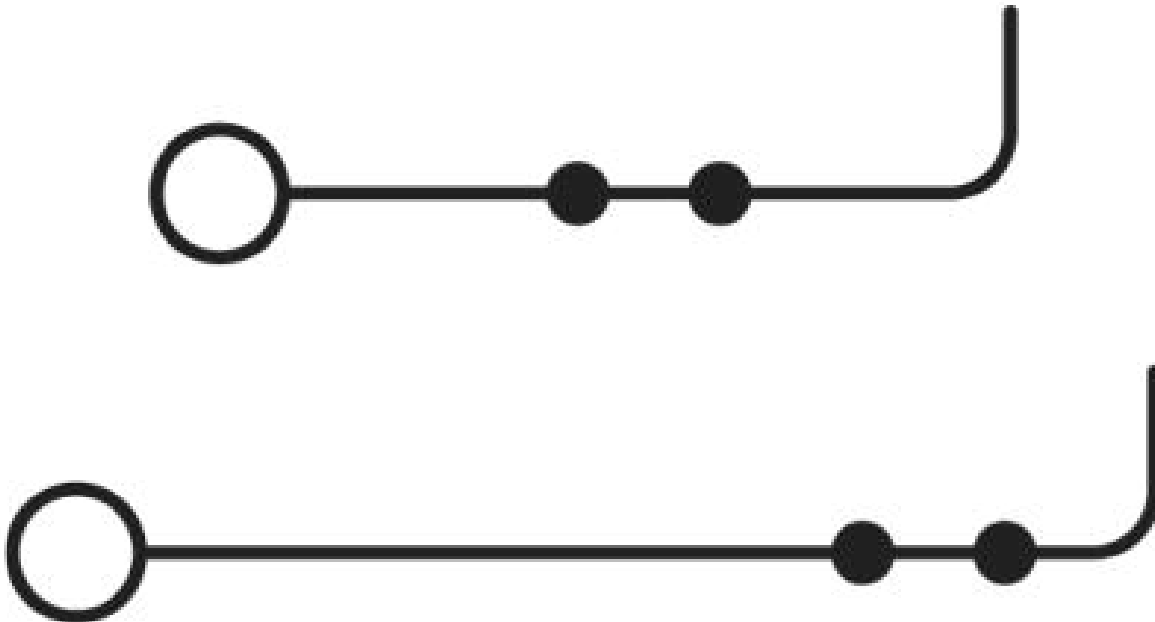
VIP-PA-PWR/4X10COMBI/10,0M/S7 - 2904712



Drawings

Double-level terminal block - UTTB 2,5/2P - 3060351

Circuit diagram



© Phoenix Contact 2014 - all rights reserved
<http://www.phoenixcontact.com>