Double-level terminal block - PTTBS 2,5 BN - 1037088

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://phoenixcontact.com/download)



Double-level terminal block, connection method: Push-in connection, cross section: 0.14 mm² - 4 mm², AWG: 26 - 12, width: 5.2 mm, color: brown, mounting type: NS 35/7,5, NS 35/15

Your advantages

- The Push-in connection terminal blocks are characterized by the system features of the CLIPLINE complete system and by easy and tool-free wiring of conductors with ferrules or solid conductors
- The compact design and front connection enable wiring in a confined space
- In addition to the testing facility in the double function shaft, all terminal blocks provide an additional test connection

Key Commercial Data

Packing unit	50 pc
Minimum order quantity	50 pc
GTIN	4 055626 570112
GTIN	4055626570112

Technical data

General

Number of levels	2
Number of connections	4
Nominal cross section	2.5 mm²
Color	brown
Insulating material	PA
Flammability rating according to UL 94	V0
Rated surge voltage	6 kV
Overvoltage category	III
Insulating material group	I
Maximum power dissipation for nominal condition	0.77 W (the value is multiplied when connecting multiple levels)
Connection in acc. with standard	IEC 60947-7-1
Nominal current I_N	22 A

Double-level terminal block - PTTBS 2,5 BN - 1037088

Technical data

General

Maximum load current	24 A (with 4 mm² conductor cross section, rigid)
Nominal voltage U_N	500 V
Open side panel	Yes

Dimensions

Width	5.2 mm
Length	78 mm
Height NS 35/7,5	55 mm
Height NS 35/15	62.5 mm

Connection data

Connection method	Push-in connection
Conductor cross section solid min.	0.14 mm²
Conductor cross section solid max.	4 mm²
Conductor cross section flexible min.	0.14 mm²
Conductor cross section flexible max.	4 mm²
Conductor cross section AWG min.	26
Conductor cross section AWG max.	12
Conductor cross section flexible, with ferrule without plastic sleeve min.	0.14 mm²
Conductor cross section flexible, with ferrule without plastic sleeve max.	2.5 mm²
Conductor cross section flexible, with ferrule with plastic sleeve min.	0.14 mm²
Conductor cross section flexible, with ferrule with plastic sleeve max.	2.5 mm²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	0.5 mm²
Stripping length	8 mm ... 10 mm
Internal cylindrical gage	A3

Standards and Regulations

Connection in acc. with standard	IEC 60947-7-1
Flammability rating according to UL 94	V0

Environmental Product Compliance

China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

Drawings

Double-level terminal block - PTTBS 2,5 BN - 1037088

Circuit diagram





Approvals

Approvals

Approvals

DNV GL / CSA / LR / NK / ABS / UL Recognized / cUL Recognized / IECEE CB Scheme / VDE Zeichengenehmigung / EAC / RS / LR / cULus Recognized

Ex Approvals

IECEx / ATEX / UL Recognized / cUL Recognized / cULus Recognized

Approval details

DNV GL		https://approvalfinder.dnvgl.com/	TAE00003JE

CSA		http://www.csagroup.org/services-industries/product-listing/	13631

	B	C	D
Nominal voltage UN	300 V	300 V	600 V
Nominal current IN	20 A	20 A	5 A
mm²/AWG/kcmil	26-12	26-12	26-12

Double-level terminal block - PTTBS 2,5 BN - 1037088

Approvals

LR	Lloyd's Register	http://www.lr.org/en	14/20056

NK	ClassNK	http://www.classnk.or.jp/hp/en/	14ME0912

ABS	http://www.eagle.org/eagleExternalPortalWEB/	16-HG1591536-PDA

UL Recognized — http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm — FILE E 60425

	B	C
Nominal voltage UN	300 V	300 V
Nominal current IN	20 A	20 A
mm²/AWG/kcmil	24-12	24-12

cUL Recognized — http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm — FILE E 60425

	B	C
Nominal voltage UN	300 V	300 V
Nominal current IN	20 A	20 A
mm²/AWG/kcmil	24-12	24-12

IECEE CB Scheme — http://www.iecee.org/ — DE1-61341

Nominal voltage UN	500 V
mm²/AWG/kcmil	0.2-2.5

VDE Zeichengenehmigung — http://www2.vde.com/de/Institut/Online-Service/VDE-gepruefteProdukte/Seiten/Online-Suche.aspx — 40032222

Nominal voltage UN	500 V
Nominal current IN	22 A
mm²/AWG/kcmil	0.2-2.5

Double-level terminal block - PTTBS 2,5 BN - 1037088

Approvals

EAC			RU C-DE.AI30.B.01102
RS		http://www.rs-head.spb.ru/en/index.php	17.00013.272
LR		http://www.lr.org/en	16/20026
cULus Recognized			

Phoenix Contact 2019 © - all rights reserved
http://www.phoenixcontact.com

PHOENIX CONTACT GmbH & Co. KG
Flachsmarktstr. 8
32825 Blomberg
Germany
Tel. +49 5235 300
Fax +49 5235 3 41200
http://www.phoenixcontact.com