

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

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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	
GTIN	4055626570112

Technical data

General

Number of levels	2
Number of connections	4
Nominal cross section	2.5 mm ²
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

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Technical data

General

Maximum load current	24 A (with 4 mm ² conductor cross section)
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 mm ²
Conductor cross section solid max.	4 mm ²
Conductor cross section flexible min.	0.14 mm ²
Conductor cross section flexible max.	2.5 mm ²
Conductor cross section AWG min.	26
Conductor cross section AWG max.	12
Conductor cross section flexible, with ferrule without plastic sleeve min.	0.14 mm ²
Conductor cross section flexible, with ferrule without plastic sleeve max.	2.5 mm ²
Conductor cross section flexible, with ferrule with plastic sleeve min.	0.14 mm ²
Conductor cross section flexible, with ferrule with plastic sleeve max.	2.5 mm ²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	0.5 mm ²
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

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Circuit diagram



Approvals

Approvals

Approvals

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

Ex Approvals

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

Approval details

DNV GL		https://approvalfinder.dnvgl.com/	TAE00003JE
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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
mm ² /AWG/kcmil	26-12	26-12	26-12

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Approvals

LR		http://www.lr.org/en	16/20026
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NK		http://www.classnk.or.jp/hp/en/	14ME0912
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ABS	http://www.eagle.org/eagleExternalPortalWEB/		16-HG1591536-PDA
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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	
mm ² /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	
mm ² /AWG/kcmil	24-12	24-12	

IECEE CB Scheme		http://www.iecee.org/	DE1-61341
Nominal voltage UN	500 V		
mm ² /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		
mm ² /AWG/kcmil	0.2-2.5		

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Approvals

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