

## Double-level terminal block - PTTB 4 BU - 3211793

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Double-level terminal block, Cross section: 0.2 mm<sup>2</sup> - 6 mm<sup>2</sup>, AWG: 24 - 10, Connection type: Push-in connection, Width: 6.2 mm, Color: blue, Mounting type: NS 35/7,5, NS 35/15

### Why buy this product

- 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
- Tested for railway applications



### Key Commercial Data

Packing unit	50 STK
GTIN	 4 046356 482714

### Technical data

#### General

Number of levels	2
Number of connections	4
Nominal cross section	4 mm <sup>2</sup>
Color	blue
Insulating material	PA
Flammability rating according to UL 94	V0
Area of application	Railway industry
	Mechanical engineering
	Plant engineering
	Process industry
Rated surge voltage	6 kV
Degree of pollution	3

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## Technical data

### General

Overvoltage category	III
Insulating material group	I
Connection in acc. with standard	IEC 60947-7-1
Nominal current $I_N$	28 A (with 4 mm <sup>2</sup> conductor cross section)
Maximum load current	32 A (with 6 mm <sup>2</sup> conductor cross section)
Nominal voltage $U_N$	500 V
Open side panel	Yes

### Dimensions

Width	6.2 mm
Length	83.5 mm
Height NS 35/7,5	47.5 mm
Height NS 35/15	55 mm

### Connection data

Connection method	Push-in connection
Conductor cross section solid min.	0.2 mm <sup>2</sup>
Conductor cross section solid max.	6 mm <sup>2</sup>
Conductor cross section flexible min.	0.2 mm <sup>2</sup>
Conductor cross section flexible max.	4 mm <sup>2</sup>
Conductor cross section AWG min.	24
Conductor cross section AWG max.	10
Conductor cross section flexible, with ferrule without plastic sleeve min.	0.25 mm <sup>2</sup>
Conductor cross section flexible, with ferrule without plastic sleeve max.	4 mm <sup>2</sup>
Conductor cross section flexible, with ferrule with plastic sleeve min.	0.25 mm <sup>2</sup>
Conductor cross section flexible, with ferrule with plastic sleeve max.	4 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 mm <sup>2</sup>
Minimum stripping length	10 mm
Maximum stripping length	12 mm
Internal cylindrical gage	A4

### Standards and Regulations

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

### Classifications

eCl@ss

eCl@ss 4.0	27141121
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## Classifications

### eCl@ss

eCl@ss 4.1	27141121
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
eCl@ss 9.0	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

## Approvals

### Approvals

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#### Approvals

UL Recognized / cUL Recognized / GL / EAC / CSA / BV / NK / VDE Gutachten mit Fertigungsüberwachung / IECEx CB Scheme / EAC / cULus Recognized

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#### Ex Approvals

EAC Ex / ATEX / IECEx

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#### Approvals submitted


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### Approval details

## Double-level terminal block - PTTB 4 BU - 3211793


### Approvals

UL Recognized 			
	B	C	D
mm <sup>2</sup> /AWG/kcmil	24-10	24-10	24-10
Nominal current I <sub>N</sub>	28 A	28 A	5 A
Nominal voltage U <sub>N</sub>	300 V	300 V	600 V

cUL Recognized 			
	B	C	D
mm <sup>2</sup> /AWG/kcmil	24-10	24-10	24-10
Nominal current I <sub>N</sub>	28 A	28 A	5 A
Nominal voltage U <sub>N</sub>	300 V	300 V	600 V


GL
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EAC
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CSA 			
	B	C	D
mm <sup>2</sup> /AWG/kcmil	24-10	24-10	24-10
Nominal current I <sub>N</sub>	30 A	30 A	5 A
Nominal voltage U <sub>N</sub>	300 V	300 V	600 V

BV
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NK
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VDE Gutachten mit Fertigungsüberwachung 	
mm <sup>2</sup> /AWG/kcmil	0.2-4.0
Nominal current I <sub>N</sub>	28 A
Nominal voltage U <sub>N</sub>	500 V

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## Approvals

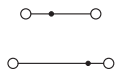
IECEE CB Scheme	
mm <sup>2</sup> /AWG/kcmil	0.2-4
Nominal current I <sub>N</sub>	28 A
Nominal voltage U <sub>N</sub>	500 V

EAC

cULus Recognized

## Drawings

Circuit diagram



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