

# 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

## Product Features

- 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

package_quantity	50
GTIN	4046356482714

## Technical data

### General

Number of levels	2
Number of connections	4
Color	blue
Insulating material	PA
Inflammability class according to UL 94	V0
Area of application	Railway industry
Area of application	Mechanical engineering
Area of application	Plant engineering
Area of application	Process industry

### General

Rated surge voltage	6 kV
Pollution degree	3
Surge voltage category	III
Insulating material group	I
Connection in acc. with standard	IEC 60947-7-1
Nominal current I <sub>N</sub>	28 A (with 4 mm <sup>2</sup> conductor cross section)
Nominal voltage U <sub>N</sub>	500 V
Open side panel	ja

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## Technical data

### 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

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

## classifications

### eCl@ss

eCl@ss 4.0	27141121
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

### ETIM

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

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## classifications

### UNSPSC

<b>UNSPSC 6.01</b>	30211811
<b>UNSPSC 7.0901</b>	39121410
<b>UNSPSC 11</b>	39121410
<b>UNSPSC 12.01</b>	39121410
<b>UNSPSC 13.2</b>	39121410

## approvals

ATEX / IECEx / UL Recognized / cUL Recognized / GOST / CSA / GL / LR / VDE Gutachten mit Fertigungsüberwachung / IECCEB CB Scheme / GOST / cULus Recognized /

### Approval details

<b>ATEX</b>	
Nominal voltage UN	440 V
Nominal current IN	23.5 A
mm <sup>2</sup> /AWG/kcmil	0.2-4

<b>IECEx</b>	
Nominal voltage UN	440 V
Nominal current IN	23.5 A
mm <sup>2</sup> /AWG/kcmil	0.2-4

<b>UL Recognized</b>			
<b>Usegroups</b>	<b>B</b>	<b>C</b>	<b>D</b>
Nominal voltage UN	300 V	300 V	600 V
Nominal current IN	28 A	28 A	5 A
mm <sup>2</sup> /AWG/kcmil	24-10	24-10	24-10

<b>cUL Recognized</b>			
<b>Usegroups</b>	<b>B</b>	<b>C</b>	<b>D</b>
Nominal voltage UN	300 V	300 V	600 V
Nominal current IN	28 A	28 A	5 A
mm <sup>2</sup> /AWG/kcmil	24-10	24-10	24-10

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approvals

GOST

CSA

Usegroups	B	C	D
Nominal voltage UN	300 V	300 V	600 V
Nominal current IN	30 A	30 A	5 A
mm <sup>2</sup> /AWG/kcmil	24-10	24-10	24-10

GL

LR

VDE Gutachten mit Fertigungsüberwachung

Nominal voltage UN	500 V
Nominal current IN	28 A
mm <sup>2</sup> /AWG/kcmil	0.2-4

IECEE CB Scheme

Nominal voltage UN	
Nominal current IN	
mm <sup>2</sup> /AWG/kcmil	0.2-4

cULus Recognized

accessories

End cover

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

### accessories

D-STTB 4 - 3030462



DP PS-6 - 3036738



### Partition plate

ATP-STTB 4 - 3030747



### Marker carriers

STP 5-2 - 0800967



### Screwdriver tools

SZF 1-0,6X3,5 - 1204517



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

accessories

## Documentation

PT-IL - 3208090



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## Bridge

FBS 20-6 - 3030365



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FBS 10-6 - 3030271



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FBS 5-6 - 3030349



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FBS 4-6 - 3030255



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

### accessories

FBS 3-6 - 3030242



FBS 2-6 - 3030336



FBS 50-6 - 3032224



FBS-PV - 3032185



### Mounting rail

NS 35/ 7,5 PERF 2000MM - 0801733



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

### 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





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

accessories

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



NS 35/ 7,5 CAP - 1206560



NS 35/15 PERF 2000MM - 1201730



NS 35/15 UNPERF 2000MM - 1201714



NS 35/15 WH PERF 2000MM - 0806602



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

### accessories

NS 35/15 WH UNPERF 2000MM - 1204135



NS 35/15 AL UNPERF 2000MM - 1201756



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



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

### accessories

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



### Terminal marking

ZBF 6:UNBEDRUCKT - 0808710



UC-TMF 6 - 0818140



UCT-TMF 6 - 0828746



TMT 6 R - 0816498



### Labeled terminal marker

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

### accessories

ZBF 6 CUS - 0825027



UC-TMF 6 CUS - 0824646



UCT-TMF 6 CUS - 0829665



TMT 6 R CUS - 0824488



### Test plug terminal block

MPS-MT - 0201744



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

### accessories

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



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



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

### accessories

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



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



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



PS-6 - 3030996



PS-6/2,3MM RD - 3038736



### Insulating sleeve

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

### accessories

MPS-IH WH - 0201663



MPS-IH RD - 0201676



MPS-IH BU - 0201689



MPS-IH YE - 0201692



MPS-IH GN - 0201702



MPS-IH GY - 0201728



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

accessories

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MPS-IH BK - 0201731



ISH 4/0,5 - 3002885



ISH 4/1,0 - 3002898



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### Planning and marking software

CLIP-PROJECT ADVANCED - 5146040



CLIP-PROJECT PROFESSIONAL - 5146053



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### End block



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

### accessories

CLIPFIX 35 - 3022218



CLIPFIX 35-5 - 3022276



E/NS 35 N - 0800886



### Drawings

Circuit diagram





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