



Automatización Eléctrica
Especialistas en Automatización

At the end of this document you will find links to products related to this catalog. You can go directly to our shop by clicking [HERE](#). [HERE](#)

Protective conductor double-level terminal block - PTTB 4-PE - 3211854

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>)




Protective conductor double-level terminal block, Cross section: 0.2 mm² - 6 mm², AWG: 24 - 10, Connection type: Push-in connection, Width: 6.2 mm, Color: green-yellow, 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 482721 |

Technical data

General

| | |
|--|------------------------|
| Number of levels | 2 |
| Number of connections | 4 |
| Nominal cross section | 4 mm ² |
| Color | green-yellow |
| 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 |

Protective conductor double-level terminal block - PTTB 4-PE - 3211854

Technical data

General

| | |
|---|--|
| Overvoltage category | III |
| Insulating material group | I |
| Connection in acc. with standard | IEC 60947-7-2 |
| Open side panel | Yes |
| Shock protection test specification | DIN EN 50274 (VDE 0660-514):2002-11 |
| Back of the hand protection | guaranteed |
| Finger protection | guaranteed |
| Oscillation, broadband noise test result | Test passed |
| Test specification, oscillation, broadband noise | DIN EN 50155 (VDE 0115-200):2008-03 |
| Test spectrum | Service life test category 2, bogie mounted |
| Test frequency | $f_1 = 5 \text{ Hz}$ to $f_2 = 250 \text{ Hz}$ |
| ASD level | $6.12 \text{ (m/s}^2\text{)}^2\text{/Hz}$ |
| Acceleration | 3.12 g |
| Test duration per axis | 5 h |
| Test directions | X-, Y- and Z-axis |
| Shock test result | Test passed |
| Test specification, shock test | DIN EN 50155 (VDE 0115-200):2008-03 |
| Shock form | Half-sine |
| Acceleration | 30g |
| Shock duration | 18 ms |
| Number of shocks per direction | 3 |
| Test directions | X-, Y- and Z-axis (pos. and neg.) |
| Relative insulation material temperature index (Elec.; UL 746 B) | 130 °C |
| Temperature index of insulation material (DIN EN 60216-1 (VDE 0304-21)) | 130 °C |
| Static insulating material application in cold | -60 °C |

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

| | |
|---------------------------------------|--|
| Note | Please observe the current carrying capacity of the DIN rails. |
| Connection method | Push-in connection |
| Conductor cross section solid min. | 0.2 mm ² |
| Conductor cross section solid max. | 6 mm ² |
| Conductor cross section flexible min. | 0.2 mm ² |
| Conductor cross section flexible max. | 4 mm ² |
| Conductor cross section AWG min. | 24 |
| Conductor cross section AWG max. | 10 |

Protective conductor double-level terminal block - PTTB 4-PE - 3211854

Technical data

Connection data

| | |
|---|----------------------|
| Conductor cross section flexible, with ferrule without plastic sleeve min. | 0.25 mm ² |
| Conductor cross section flexible, with ferrule without plastic sleeve max. | 4 mm ² |
| Conductor cross section flexible, with ferrule with plastic sleeve min. | 0.25 mm ² |
| Conductor cross section flexible, with ferrule with plastic sleeve max. | 4 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 mm ² |
| Minimum stripping length | 10 mm |
| Maximum stripping length | 12 mm |
| Internal cylindrical gage | A4 |

Standards and Regulations

| | |
|--|---------------|
| Connection in acc. with standard | CSA |
| | IEC 60947-7-2 |
| Flammability rating according to UL 94 | V0 |

Classifications

eCl@ss

| | |
|------------|----------|
| eCl@ss 4.0 | 27141118 |
| eCl@ss 4.1 | 27141118 |
| eCl@ss 5.0 | 27141118 |
| eCl@ss 5.1 | 27141118 |
| eCl@ss 6.0 | 27141141 |
| eCl@ss 7.0 | 27141141 |
| eCl@ss 8.0 | 27141141 |
| eCl@ss 9.0 | 27141141 |

ETIM

| | |
|----------|----------|
| ETIM 2.0 | EC000901 |
| ETIM 3.0 | EC000901 |
| ETIM 4.0 | EC000901 |
| ETIM 5.0 | EC000901 |

UNSPSC

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

Protective conductor double-level terminal block - PTTB 4-PE - 3211854

Approvals

Approvals

Approvals

UL Recognized / NK / GL / EAC / CSA / BV / VDE Zeichengenehmigung / IECEE CB Scheme / EAC

Ex Approvals

EAC Ex / ATEX / IECEX

Approvals submitted

Approval details

| | | | |
|----------------------------|-------|-------|-------|
| UL Recognized | | | |
| | B | C | D |
| mm ² /AWG/kcmil | 24-10 | 24-10 | 24-10 |

| |
|----|
| NK |
|----|

| |
|----|
| GL |
|----|

| |
|-----|
| EAC |
|-----|


| | |
|----------------------------|-------|
| CSA | |
| | |
| mm ² /AWG/kcmil | 24-10 |

| |
|----|
| BV |
|----|

| | |
|----------------------------|-------|
| VDE Zeichengenehmigung | |
| | |
| mm ² /AWG/kcmil | 0.2-4 |

Protective conductor double-level terminal block - PTTB 4-PE - 3211854

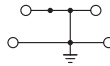
Approvals

| | |
|---|-------|
| IECEE CB Scheme  | |
| mm ² /AWG/kcmil | 0.2-4 |

| |
|-----|
| EAC |
|-----|

Drawings

Circuit diagram



Phoenix Contact 2016 © - 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>



Below is a list of articles with direct links to our shop Electric Automation Network where you can see:

- Quote per purchase volume in real time.
- Online documentation and datasheets of all products.
- Estimated delivery time enquiry in real time.
- Logistics systems for the shipment of materials almost anywhere in the world.
- Purchasing management, order record and tracking of shipments.

To access the product, [click on the green button.](#)

| Product | Code | Reference | Product link |
|--|---------|-----------|----------------------------|
| Protective conductor double-level terminal block, Cross section: 0.2 mm ² - 6 mm ² , AWG: 24 - 10, Connection type: Push-in connection, Width: 6.2 mm, Color: green-yellow, Mounting type: NS 35/7,5, NS 35/15 | 3211854 | PTTB 4-PE | Buy on EAN |