

# Protective conductor double-level terminal block - PTTB 1,5/S-PE - 3208537

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Protective conductor double-level terminal block, Cross section: 0.14 mm<sup>2</sup> - 1.5 mm<sup>2</sup>, AWG: 26 - 14, Connection type: Push-in connection, Width: 3.5 mm, Color: green-yellow, 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             | 4046356564519 |

## Technical data

### General

|                                         |                        |
|-----------------------------------------|------------------------|
| Number of levels                        | 2                      |
| Number of connections                   | 4                      |
| Color                                   | green-yellow           |
| 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      |

### General

|                                     |                                     |
|-------------------------------------|-------------------------------------|
| Rated surge voltage                 | 6 kV                                |
| Pollution degree                    | 3                                   |
| Surge voltage category              | III                                 |
| Insulating material group           | I                                   |
| Connection in acc. with standard    | IEC 60947-7-2                       |
| Open side panel                     | ja                                  |
| Shock protection test specification | DIN EN 50274 (VDE 0660-514):2002-11 |
| Back of the hand protection         | guaranteed                          |

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## Technical data

### General

|                                                                       |                                                |
|-----------------------------------------------------------------------|------------------------------------------------|
| Finger protection                                                     | guaranteed                                     |
| 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                                                             | $11.83 \text{ (m/s}^2\text{)}^2/\text{Hz}$     |
| Acceleration                                                          | 4.25 g                                         |
| Test duration per axis                                                | 5 h                                            |
| Test directions                                                       | X-, Y- and Z-axis                              |
| Oscillation, broadband noise test result                              | Test passed                                    |
| Test specification, shock test                                        | DIN EN 50155 (VDE 0115-200):2008-03            |
| Shock form                                                            | Half-sine                                      |
| Acceleration                                                          | 30 g                                           |
| Shock duration                                                        | 18 ms                                          |
| Number of shocks per direction                                        | 3                                              |
| Test directions                                                       | X-, Y- and Z-axis (pos. and neg.)              |
| Shock test result                                                     | Test passed                                    |
| Temperature index, insulating material (DIN EN 60216-1 (VDE 0304-21)) | 130 °C                                         |
| Static insulating material application in cold                        | -60 °C                                         |

### Dimensions

|                  |         |
|------------------|---------|
| Width            | 3.5 mm  |
| Length           | 65.4 mm |
| Height NS 35/7,5 | 42.6 mm |
| Height NS 35/15  | 50.1 mm |

### Connection data

|                                                                            |                      |
|----------------------------------------------------------------------------|----------------------|
| Conductor cross section solid min.                                         | 0.14 mm <sup>2</sup> |
| Conductor cross section solid max.                                         | 1.5 mm <sup>2</sup>  |
| Conductor cross section stranded min.                                      | 0.14 mm <sup>2</sup> |
| Conductor cross section stranded max.                                      | 1.5 mm <sup>2</sup>  |
| Conductor cross section AWG/kcmil min.                                     | 26                   |
| Conductor cross section AWG/kcmil max                                      | 14                   |
| Conductor cross section stranded, with ferrule without plastic sleeve min. | 0.14 mm <sup>2</sup> |
| Conductor cross section stranded, with ferrule without plastic sleeve max. | 1.5 mm <sup>2</sup>  |
| Conductor cross section stranded, with ferrule with plastic sleeve min.    | 0.14 mm <sup>2</sup> |
| Conductor cross section stranded, with ferrule with plastic sleeve max.    | 1 mm <sup>2</sup>    |
| Connection method                                                          | Push-in connection   |
| Stripping length                                                           | 8 mm                 |

# Protective conductor double-level terminal block - PTTB 1,5/S-PE - 3208537

## Technical data

### Connection data

|                           |         |
|---------------------------|---------|
| Internal cylindrical gage | A1 / B1 |
|---------------------------|---------|

## 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 |

### 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 |

## approvals

UL Recognized / cUL Recognized / GOST / CSA / LR / GL / GOST / cULus Recognized /

### Approval details

| UL Recognized  |       |       |       |
|---------------------------------------------------------------------------------------------------|-------|-------|-------|
| Usegroups                                                                                         | B     | C     | D     |
| Nominal voltage UN                                                                                |       |       |       |
| Nominal current IN                                                                                |       |       |       |
| mm²/AWG/kcmil                                                                                     | 26-14 | 26-14 | 26-14 |

# Protective conductor double-level terminal block - PTTB 1,5/S-PE - 3208537

## approvals

| cUL Recognized  |       |       |       |
|--------------------------------------------------------------------------------------------------|-------|-------|-------|
| Usegroups                                                                                        | B     | C     | D     |
| Nominal voltage UN                                                                               |       |       |       |
| Nominal current IN                                                                               |       |       |       |
| mm²/AWG/kcmil                                                                                    | 26-14 | 26-14 | 26-14 |

|                                                                                        |
|----------------------------------------------------------------------------------------|
| GOST  |
|----------------------------------------------------------------------------------------|

| CSA  |       |
|---------------------------------------------------------------------------------------|-------|
|                                                                                       |       |
| Nominal voltage UN                                                                    |       |
| Nominal current IN                                                                    |       |
| mm²/AWG/kcmil                                                                         | 26-14 |

|    |
|----|
| LR |
|----|

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

|                                                                                     |
|-------------------------------------------------------------------------------------|
|  |
|-------------------------------------------------------------------------------------|

|                                                                                                         |
|---------------------------------------------------------------------------------------------------------|
| cULus Recognized  US |
|---------------------------------------------------------------------------------------------------------|

## accessories

### Screwdriver tools

SZF 0-0,4X2,5 - 1204504



# Protective conductor double-level terminal block - PTTB 1,5/S-PE - 3208537

accessories

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## Partition plate

ATP-STTB 4 - 3030747



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## End cover

D-PTTB 1,5/S - 3208579



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## Marker carriers

STP 3,5-2 - 0830131



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## Documentation

PT-IL - 3208090



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## Bridge

## Protective conductor double-level terminal block - PTTB 1,5/S- PE - 3208537

### accessories

FBS 2-3,5 - 3213014



FBS 3-3,5 - 3213027



FBS 4-3,5 - 3213030



FBS 5-3,5 - 3213043



FBS 10-3,5 - 3213056



## Protective conductor double-level terminal block - PTTB 1,5/S-PE - 3208537

accessories

FBS 20-3,5 - 3213069



FBS 2-3,5 BU - 3213086



FBS 3-3,5 BU - 3213099



FBS 4-3,5 BU - 3213109



FBS 5-3,5 BU - 3213112



## Protective conductor double-level terminal block - PTTB 1,5/S-PE - 3208537

### accessories

FBS 10-3,5 BU - 3213125



FBS 20-3,5 BU - 3213138



### Mounting rail

NS 35/ 7,5 PERF 2000MM - 0801733



NS 35/ 7,5 UNPERF 2000MM - 0801681



NS 35/ 7,5 WH PERF 2000MM - 1204119



## Protective conductor double-level terminal block - PTTB 1,5/S-PE - 3208537

### accessories

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



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



## Protective conductor double-level terminal block - PTTB 1,5/S-PE - 3208537

accessories

NS 35/ 7,5 CAP - 1206560



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NS 35/15 PERF 2000MM - 1201730



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NS 35/15 UNPERF 2000MM - 1201714



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NS 35/15 WH PERF 2000MM - 0806602



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NS 35/15 WH UNPERF 2000MM - 1204135



## Protective conductor double-level terminal block - PTTB 1,5/S-PE - 3208537

### accessories

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



# Protective conductor double-level terminal block - PTTB 1,5/S-PE - 3208537

## accessories

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



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## Terminal marking

ZBF 3,5:UNBEDRUCKT - 0829392



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UCT-TMF 3,5 - 0829486



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## Labeled terminal marker

ZBF 3,5 CUS - 0829394



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UCT-TMF 3,5 CUS - 0829644



# Protective conductor double-level terminal block - PTTB 1,5/S-PE - 3208537

accessories

**Test plug terminal block**

MPS-MT - 0201744



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**Insulating sleeve**

MPS-IH WH - 0201663



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MPS-IH RD - 0201676



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MPS-IH BU - 0201689



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MPS-IH YE - 0201692



## Protective conductor double-level terminal block - PTTB 1,5/S-PE - 3208537

### accessories

MPS-IH GN - 0201702



MPS-IH GY - 0201728



MPS-IH BK - 0201731



### Planning and marking software

CLIP-PROJECT ADVANCED - 5146040



CLIP-PROJECT PROFESSIONAL - 5146053



### End block

## Protective conductor double-level terminal block - PTTB 1,5/S-PE - 3208537

accessories

E/UK - 1201442



E/UK 1 - 1201413



CLIPFIX 35 - 3022218



CLIPFIX 35-5 - 3022276



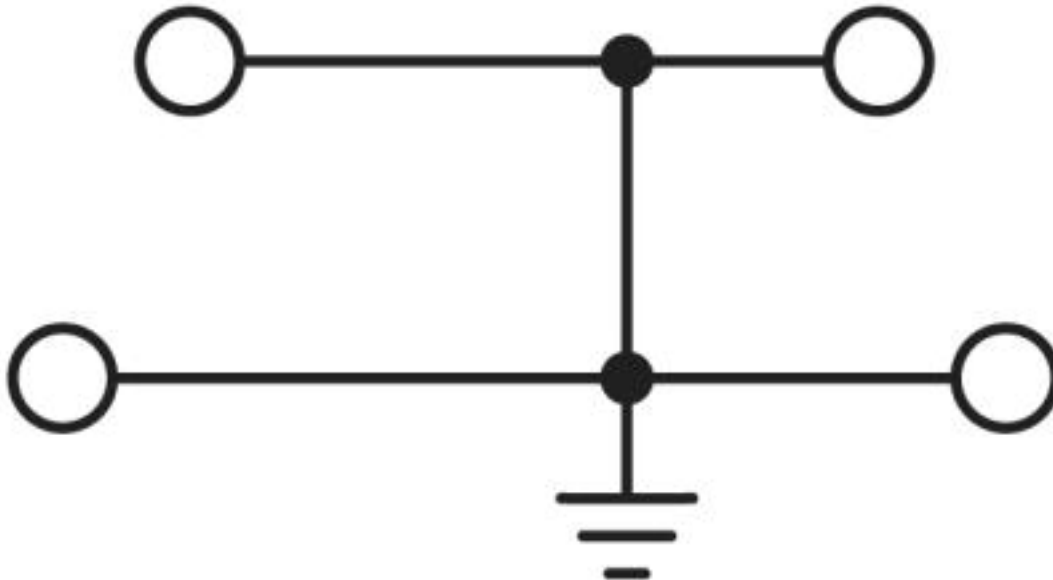
E/NS 35 N - 0800886



Drawings

## Protective conductor double-level terminal block - PTTB 1,5/S-PE - 3208537

Circuit diagram



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