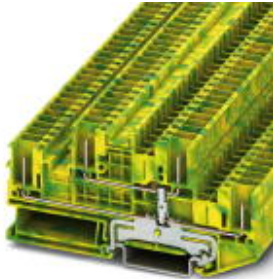


# Protective conductor double-level terminal block - STTB 2,5/4P-PE - 3061499

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Protective conductor double-level terminal block, Cross section: 0.08 mm<sup>2</sup> - 4 mm<sup>2</sup>, AWG: 28 - 12, Connection type: Spring-cage/plug-in connection, Width: 5.2 mm, Color: green-yellow, Mounting type: NS 35/15, NS 35/7,5

## Product Features

- ✓ Same shape and pitch as the PIN/PIN versions of the COMBI series
- ✓ Tested for railway applications
- ✓ Contact is made free from mechanical and electrical errors by simply snapping onto the DIN rail
- ✓ ST ...-PE meet all the requirements of standard IEC 60947-7-2

## Key commercial data

|                  |               |
|------------------|---------------|
| package_quantity | 50            |
| GTIN             | 4046356588003 |

## 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 61984                                           |
| Open side panel                                  | ja                                                  |
| Insertion/withdrawal cycles mechanical           | 100                                                 |
| Test specification, oscillation, broadband noise | DIN EN 50155 (VDE 0115-200):2008-03                 |
| Test spectrum                                    | Service life test category 1, class B, body mounted |

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## Technical data

### General

|                                                                       |                                                |
|-----------------------------------------------------------------------|------------------------------------------------|
| Test frequency                                                        | $f_1 = 5 \text{ Hz}$ to $f_2 = 150 \text{ Hz}$ |
| ASD level                                                             | 0.02 $\text{g}^2/\text{Hz}$                    |
| Acceleration                                                          | 0.8 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                                                          | 5 g                                            |
| Shock duration                                                        | 30 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            | 5.2 mm  |
| Length           | 98.8 mm |
| Height NS 35/7,5 | 47.5 mm |
| Height NS 35/15  | 55 mm   |
| End cover width  | 2.2 mm  |

### Connection data

|                                                                            |                                |
|----------------------------------------------------------------------------|--------------------------------|
| Connection method                                                          | Spring-cage/plug-in connection |
| Stripping length                                                           | 10 mm                          |
| Conductor cross section solid min.                                         | 0.08 $\text{mm}^2$             |
| Conductor cross section solid max.                                         | 4 $\text{mm}^2$                |
| Conductor cross section stranded min.                                      | 0.08 $\text{mm}^2$             |
| Conductor cross section stranded max.                                      | 2.5 $\text{mm}^2$              |
| Conductor cross section AWG/kcmil min.                                     | 28                             |
| Conductor cross section AWG/kcmil max                                      | 12                             |
| Conductor cross section stranded, with ferrule without plastic sleeve min. | 0.14 $\text{mm}^2$             |
| Value                                                                      | 0.14 $\text{mm}^2$             |
| Conductor cross section stranded, with ferrule without plastic sleeve max. | 2.5 $\text{mm}^2$              |
| Value                                                                      | 2.5 $\text{mm}^2$              |
| Conductor cross section stranded, with ferrule with plastic sleeve min.    | 0.14 $\text{mm}^2$             |
| Value                                                                      | 0.14 $\text{mm}^2$             |

# Protective conductor double-level terminal block - STTB 2,5/4P-PE - 3061499

## Technical data

### Connection data

|                                                                                         |                     |
|-----------------------------------------------------------------------------------------|---------------------|
| Conductor cross section stranded, with ferrule with plastic sleeve max.                 | 2.5 mm <sup>2</sup> |
| Value                                                                                   | 2.5 mm <sup>2</sup> |
| 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max. | 0.5 mm <sup>2</sup> |
| Value                                                                                   | 0.5 mm <sup>2</sup> |

## 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 / GOST / cULus Recognized /

### Approval details

|                                                                                                   |
|---------------------------------------------------------------------------------------------------|
| UL Recognized  |
|---------------------------------------------------------------------------------------------------|

## Protective conductor double-level terminal block - STTB 2,5/4P-PE - 3061499

### approvals

cUL Recognized 

GOST 

CSA 



cULus Recognized  US

### accessories

#### End cover

D-STTB 2,5/4P - 3061538



DP PS-5 - 3036725



#### Partition plate

# Protective conductor double-level terminal block - STTB 2,5/4P-PE - 3061499

accessories

ATP-STTB 4 - 3030747



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## Coding element

PC - 3040588



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## Documentation

ST-IL - 3039900



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## Bridge

FBS 2-5 - 3030161



FBS 3-5 - 3030174



# Protective conductor double-level terminal block - STTB 2,5/4P-PE - 3061499

accessories

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FBS 4-5 - 3030187



FBS 5-5 - 3030190



FBS 10-5 - 3030213



FBS 20-5 - 3030226



FBS 50-5 - 3038930



## Protective conductor double-level terminal block - STTB 2,5/4P-PE - 3061499

### accessories

FBS 2-5 BU - 3036877



FBS 3-5 BU - 3036880



FBS 4-5 BU - 3036893



FBS 5-5 BU - 3036903



FBS 10-5 BU - 3036916



## Protective conductor double-level terminal block - STTB 2,5/4P-PE - 3061499

### accessories

FBS 20-5 BU - 3036929



FBS 50-5 BU - 3032114



FBS 2-5 GY - 3038969



FBS 3-5 GY - 3038972



FBS 4-5 GY - 3038985



## Protective conductor double-level terminal block - STTB 2,5/4P-PE - 3061499

### accessories

FBS 5-5 GY - 3038998



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FBS 10-5 GY - 3039007



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FBS 20-5 GY - 3038671



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FBS 50-5 GY - 3032127



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### Mounting rail

NS 35/ 7,5 PERF 2000MM - 0801733



## Protective conductor double-level terminal block - STTB 2,5/4P-PE - 3061499

### accessories

NS 35/ 7,5 UNPERF 2000MM - 0801681



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



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NS 35/ 7,5 WH UNPERF 2000MM - 1204122



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NS 35/ 7,5 AL UNPERF 2000MM - 0801704



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NS 35/ 7,5 ZN PERF 2000MM - 1206421



## Protective conductor double-level terminal block - STTB 2,5/4P-PE - 3061499

### accessories

NS 35/ 7,5 ZN UNPERF 2000MM - 1206434



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



## Protective conductor double-level terminal block - STTB 2,5/4P-PE - 3061499

### accessories

NS 35/15 WH PERF 2000MM - 0806602



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



## Protective conductor double-level terminal block - STTB 2,5/4P-PE - 3061499

### accessories

NS 35/15 CU UNPERF 2000MM - 1201895



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NS 35/15 CAP - 1206573



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



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### Terminal marking

ZBF 5:UNBEDRUCKT - 0808642



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UC-TMF 5 - 0818153



## Protective conductor double-level terminal block - STTB 2,5/4P-PE - 3061499

### accessories

UCT-TMF 5 - 0828744



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### Labeled terminal marker

ZBF 5 CUS - 0825025



UC-TMF 5 CUS - 0824638



UCT-TMF 5 CUS - 0829658



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### Test plug terminal block

MPS-MT - 0201744



## Protective conductor double-level terminal block - STTB 2,5/4P-PE - 3061499

### accessories

PAI-4-FIX-5/6 BU - 3035975



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PAI-4-FIX-5/6 OG - 3035974



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PAI-4-FIX-5/6 YE - 3035977



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PAI-4-FIX-5/6 RD - 3035976



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PAI-4-FIX-5/6 GN - 3035978



## Protective conductor double-level terminal block - STTB 2,5/4P-PE - 3061499

### accessories

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



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



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



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



PS-5 - 3030983



## Protective conductor double-level terminal block - STTB 2,5/4P-PE - 3061499

accessories

PS-5/2,3MM RD - 3038723



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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 - STTB 2,5/4P-PE - 3061499

### accessories

MPS-IH GN - 0201702



MPS-IH GY - 0201728



MPS-IH BK - 0201731



### End block

CLIPFIX 35 - 3022218



CLIPFIX 35-5 - 3022276



## Protective conductor double-level terminal block - STTB 2,5/4P-PE - 3061499

accessories

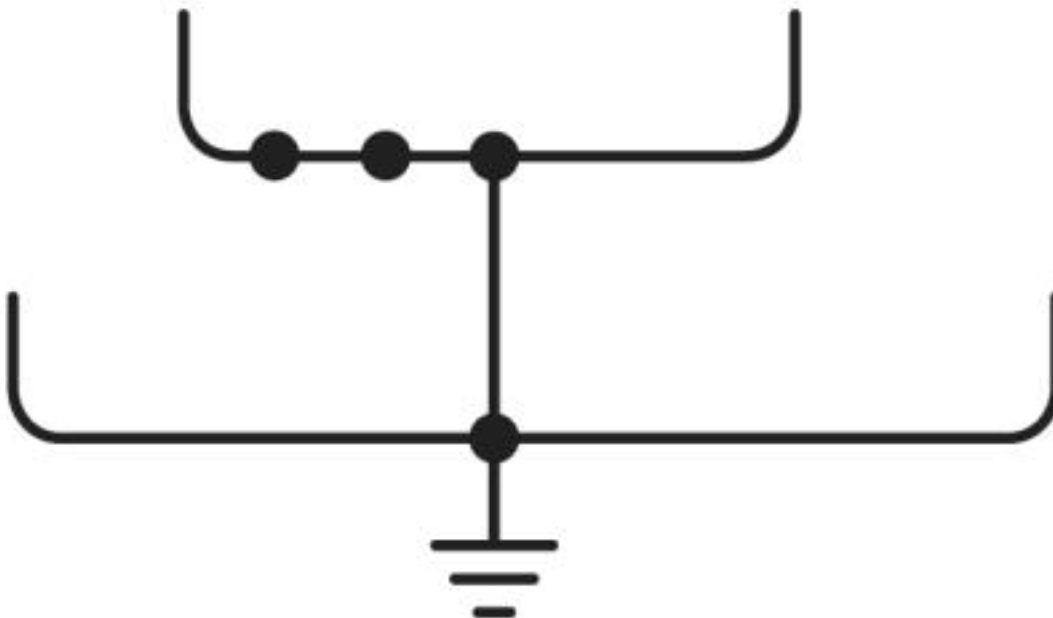
E/NS 35 N - 0800886



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### Drawings

Circuit diagram



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