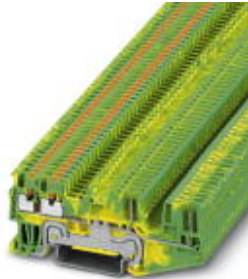


## Ground modular terminal block - PT 1,5/S-QUATTRO/2P-PE - 3212413

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Ground modular terminal block, Connection method: Push-in / plug connection, Cross section: 0.14 mm<sup>2</sup> - 1.5 mm<sup>2</sup>, AWG: 26 - 14, 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             | 4046356565318 |

### Technical data

#### General

|                                         |                        |
|-----------------------------------------|------------------------|
| Number of levels                        | 1                      |
| 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 |

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## Technical data

### General

|                                                                       |                                                     |
|-----------------------------------------------------------------------|-----------------------------------------------------|
| Test spectrum                                                         | Service life test category 1, class B, body mounted |
| Test frequency                                                        | $f_1 = 5 \text{ Hz}$ to $f_2 = 150 \text{ Hz}$      |
| ASD level                                                             | $1.857 \text{ (m/s}^2\text{)}^2/\text{Hz}$          |
| 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            | 3.5 mm  |
| Length           | 78.5 mm |
| Height NS 35/7,5 | 32 mm   |
| Height NS 35/15  | 39.5 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 AWG/kcmil min.                                     | 26                        |
| Conductor cross section AWG/kcmil max                                      | 14                        |
| Conductor cross section stranded min.                                      | 0.14 mm <sup>2</sup>      |
| Conductor cross section stranded max.                                      | 1.5 mm <sup>2</sup>       |
| Min. AWG conductor cross section, stranded                                 | 26                        |
| Max. AWG conductor cross section, stranded                                 | 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 / plug connection |
| Stripping length                                                           | 8 mm                      |

# Ground modular terminal block - PT 1,5/S-QUATTRO/2P-PE - 3212413

## 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 / GL / LR / 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 |

# Ground modular terminal block - PT 1,5/S-QUATTRO/2P- PE - 3212413

approvals

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

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

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

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

accessories

## Marker carriers

GBS-ZB/26X6 - 0809298



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## Screwdriver tools

SZF 0-0,4X2,5 - 1204504



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## Partition plate

## Ground modular terminal block - PT 1,5/S-QUATTRO/2P- PE - 3212413

### accessories

ATP-ST QUATTRO - 3030815



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#### End cover

D-PT 1,5/S-QUATTRO/2P - 3212426



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#### Coding element

PC - 3040588



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#### Documentation

PT-IL - 3208090



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#### Bridge

## Ground modular terminal block - PT 1,5/S-QUATTRO/2P-PE - 3212413

### 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



## Ground modular terminal block - PT 1,5/S-QUATTRO/2P-PE - 3212413

### accessories

FBS 20-3,5 - 3213069



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FBS 2-3,5 BU - 3213086



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FBS 3-3,5 BU - 3213099



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FBS 4-3,5 BU - 3213109



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FBS 5-3,5 BU - 3213112



## Ground modular terminal block - PT 1,5/S-QUATTRO/2P-PE - 3212413

### accessories

FBS 10-3,5 BU - 3213125



FBS 20-3,5 BU - 3213138



RB ST (2,5/4)-1,5/S - 3214356



RB ST 6-1,5/S - 3213250



### Mounting rail

NS 35/ 7,5 PERF 2000MM - 0801733



## Ground modular terminal block - PT 1,5/S-QUATTRO/2P-PE - 3212413

### 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



## Ground modular terminal block - PT 1,5/S-QUATTRO/2P-PE - 3212413

### accessories

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



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



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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



## Ground modular terminal block - PT 1,5/S-QUATTRO/2P-PE - 3212413

### accessories

NS 35/15 WH PERF 2000MM - 0806602



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NS 35/15 WH UNPERF 2000MM - 1204135



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NS 35/15 AL UNPERF 2000MM - 1201756



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NS 35/15 ZN PERF 2000MM - 1206599



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NS 35/15 ZN UNPERF 2000MM - 1206586



## Ground modular terminal block - PT 1,5/S-QUATTRO/2P-PE - 3212413

### 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

ZB 3,5:UNBEDRUCKT - 0829414



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UCT-TM 3,5 - 0829484



## Ground modular terminal block - PT 1,5/S-QUATTRO/2P- PE - 3212413

### accessories

ZBF 3,5:UNBEDRUCKT - 0829392



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UCT-TMF 3,5 - 0829486



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TMT (EX9,5)R - 0828295



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### Labeled terminal marker

ZB 3,5 CUS - 0829415



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UCT-TM 3,5 CUS - 0829581



## Ground modular terminal block - PT 1,5/S-QUATTRO/2P-PE - 3212413

### accessories

ZBF 3,5 CUS - 0829394



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UCT-TMF 3,5 CUS - 0829644



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### Test plug terminal block

MPS-MT - 0201744



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### Insulating sleeve

MPS-IH WH - 0201663



MPS-IH RD - 0201676



## Ground modular terminal block - PT 1,5/S-QUATTRO/2P-PE - 3212413

### accessories

MPS-IH BU - 0201689



MPS-IH YE - 0201692



MPS-IH GN - 0201702



MPS-IH GY - 0201728



MPS-IH BK - 0201731



### Planning and marking software

## Ground modular terminal block - PT 1,5/S-QUATTRO/2P-PE - 3212413

### accessories

CLIP-PROJECT ADVANCED - 5146040



CLIP-PROJECT PROFESSIONAL - 5146053



### End block

E/UK - 1201442



E/UK 1 - 1201413



CLIPFIX 35 - 3022218



## Ground modular terminal block - PT 1,5/S-QUATTRO/2P-PE - 3212413

accessories

CLIPFIX 35-5 - 3022276



E/NS 35 N - 0800886



### Drawings

Circuit diagram

