

## Feed-through terminal block - PTS 1,5/S/1P - 3214453

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Feed-through terminal block, Connection method: Push-in / plug connection, Number of positions: 1, Cross section: 0.14 mm<sup>2</sup> - 1.5 mm<sup>2</sup>, AWG: 26 - 14, Width: 3.5 mm, Height: 37 mm, Color: gray, Mounting type: NS 35/7,5, NS 35/15

### Key commercial data

|                  |               |
|------------------|---------------|
| package_quantity | 50            |
| GTIN             | 4046356623285 |

### Technical data

#### General

|                                         |      |
|-----------------------------------------|------|
| Number of levels                        | 1    |
| Number of connections                   | 2    |
| Color                                   | gray |
| Insulating material                     | PA   |
| Inflammability class according to UL 94 | V0   |

#### General

|                                               |                           |
|-----------------------------------------------|---------------------------|
| Rated surge voltage                           | 6 kV                      |
| Pollution degree                              | 3                         |
| Surge voltage category                        | III                       |
| Insulating material group                     | I                         |
| Connection in acc. with standard              | IEC 61984                 |
| Nominal current I <sub>N</sub>                | 17.5 A (observe derating) |
| Nominal voltage U <sub>N</sub>                | 500 V                     |
| Open side panel                               | ja                        |
| Number of positions                           | 1                         |
| Insertion/withdrawal cycles mechanical        | 100                       |
| Surge voltage test setpoint                   | 7.3 kV                    |
| Result of surge voltage test                  | Test passed               |
| Tight fit on carrier                          | NS 35                     |
| Setpoint                                      | 1 N                       |
| Result of tight fit test                      | Test passed               |
| Conductor cross section short circuit testing | 1.5 mm <sup>2</sup>       |
| Short-time current                            | 0.18 kA                   |
| Short circuit stability result                | Test passed               |

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## Technical data

### General

|                                                                       |                                                     |
|-----------------------------------------------------------------------|-----------------------------------------------------|
| Proof of thermal characteristics (needle flame) effective duration    | 30 s                                                |
| Result of thermal test                                                | Test passed                                         |
| Test specification, oscillation, broadband noise                      | DIN EN 50155 (VDE 0115-200):2008-03                 |
| 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           | 50.7 mm |
| Height           | 37 mm   |
| Height NS 35/7,5 | 38.5 mm |
| Height NS 35/15  | 46 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> |

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### Technical data

#### Connection data

|                                                                         |                           |
|-------------------------------------------------------------------------|---------------------------|
| Conductor cross section stranded, with ferrule with plastic sleeve max. | 1 mm²                     |
| Connection method                                                       | Push-in / plug connection |
| Stripping length                                                        | 8 mm                      |
| Internal cylindrical gage                                               | A1 / B1                   |

### classifications

#### eCl@ss

|            |          |
|------------|----------|
| eCl@ss 4.0 | 27141131 |
| eCl@ss 4.1 | 27141131 |
| eCl@ss 5.0 | 27141134 |
| eCl@ss 5.1 | 27141134 |
| eCl@ss 6.0 | 27141134 |
| eCl@ss 7.0 | 27141134 |
| eCl@ss 8.0 | 27141134 |

#### ETIM

|          |          |
|----------|----------|
| ETIM 4.0 | EC000897 |
| ETIM 5.0 | EC000897 |

#### 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 / CSA / GOST / cULus Recognized /

#### Approval details

| <b>UL Recognized</b>  |       |       |       |
|----------------------------------------------------------------------------------------------------------|-------|-------|-------|
| Usegroups                                                                                                | B     | C     | D     |
| Nominal voltage UN                                                                                       | 300 V | 300 V | 600 V |
| Nominal current IN                                                                                       | 15 A  | 15 A  | 5 A   |
| mm²/AWG/kcmil                                                                                            | 26-14 | 26-14 | 26-14 |

## Feed-through terminal block - PTS 1,5/S/1P - 3214453

### approvals

| cUL Recognized  |       |       |       |
|--------------------------------------------------------------------------------------------------|-------|-------|-------|
| Usegroups                                                                                        | B     | C     | D     |
| Nominal voltage UN                                                                               | 300 V | 300 V | 600 V |
| Nominal current IN                                                                               | 15 A  | 15 A  | 5 A   |
| mm²/AWG/kcmil                                                                                    | 26-14 | 26-14 | 26-14 |

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

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

| CSA  |       |       |       |
|---------------------------------------------------------------------------------------|-------|-------|-------|
| Usegroups                                                                             | B     | C     | D     |
| Nominal voltage UN                                                                    | 300 V | 300 V | 600 V |
| Nominal current IN                                                                    | 15 A  | 15 A  | 5 A   |
| mm²/AWG/kcmil                                                                         | 26-14 | 26-14 | 26-14 |

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

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

### accessories

#### Marker carriers

GBS-ZB/26X6 - 0809298



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#### Screwdriver tools

## Feed-through terminal block - PTS 1,5/S/1P - 3214453

### accessories

SZF 0-0,4X2,5 - 1204504



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### Partition plate

ATP-ST 4 - 3030721



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### End cover

D-PTS 1,5/S - 3214576



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### Coding element

PC - 3040588



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### Documentation

PT-IL - 3208090



# Feed-through terminal block - PTS 1,5/S/1P - 3214453

## accessories

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### Bridge

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



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FBS 10-3,5 BU - 3213125



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FBS 20-3,5 BU - 3213138



## Feed-through terminal block - PTS 1,5/S/1P - 3214453

### accessories

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



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RB ST 6-1,5/S - 3213250



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FBS 2-3,5 - 3213014



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FBS 3-3,5 - 3213027



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FBS 4-3,5 - 3213030



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FBS 5-3,5 - 3213043



## Feed-through terminal block - PTS 1,5/S/1P - 3214453

### accessories

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FBS 10-3,5 - 3213056



FBS 20-3,5 - 3213069



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### Mounting rail

NS 35/ 7,5 PERF 2000MM - 0801733



NS 35/ 7,5 UNPERF 2000MM - 0801681



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



## Feed-through terminal block - PTS 1,5/S/1P - 3214453

### accessories

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



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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



## Feed-through terminal block - PTS 1,5/S/1P - 3214453

### accessories

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NS 35/15 PERF 2000MM - 1201730



NS 35/15 UNPERF 2000MM - 1201714



NS 35/15 WH PERF 2000MM - 0806602



NS 35/15 WH UNPERF 2000MM - 1204135



NS 35/15 AL UNPERF 2000MM - 1201756



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### accessories

NS 35/15 ZN PERF 2000MM - 1206599



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NS 35/15 ZN UNPERF 2000MM - 1206586



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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

## Feed-through terminal block - PTS 1,5/S/1P - 3214453

### accessories

ZB 3,5:UNBEDRUCKT - 0829414



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UCT-TM 3,5 - 0829484



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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**

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### accessories

ZB 3,5 CUS - 0829415



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UCT-TM 3,5 CUS - 0829581



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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

## Feed-through terminal block - PTS 1,5/S/1P - 3214453

### 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



# Feed-through terminal block - PTS 1,5/S/1P - 3214453

## accessories

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MPS-IH BK - 0201731



## Planning and marking software

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CLIP-PROJECT ADVANCED - 5146040



CLIP-PROJECT PROFESSIONAL - 5146053



## End block

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E/UK - 1201442



E/UK 1 - 1201413



## Feed-through terminal block - PTS 1,5/S/1P - 3214453

### accessories

CLIPFIX 35 - 3022218



CLIPFIX 35-5 - 3022276



E/NS 35 N - 0800886



### Drawings

Circuit diagram

