

## Feed-through terminal block - PTS 2,5 BU - 3211812

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Feed-through terminal block, Connection method: Push-in connection, Cross section: 0.14 mm<sup>2</sup> - 4 mm<sup>2</sup>, AWG: 26 - 12, Width: 5.2 mm, Color: blue, Mounting type: NS 35/7,5, NS 35/15

### Product Features

- ✓ Angled conductor entry for use in flat terminal boxes
- ✓ Large space saving when used in concealed wiring systems
- ✓ The PTS 2,5, which is equipped with four bridge shafts, offers a wide range of potential bridging options
- ✓ 2, 3, and 4-conductor terminal blocks with the same shape
- ✓ Ground terminal blocks of the same shape are available

### Key commercial data

|                  |               |
|------------------|---------------|
| package_quantity | 50            |
| GTIN             | 4046356499491 |

### Technical data

#### General

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

#### General

|                                  |   |
|----------------------------------|---|
| Rated surge voltage              | 8 kV  |
| Surge voltage category           | III   |
| Insulating material group        | I   |
| Connection in acc. with standard | IEC 60947-7-1   |
| Nominal current I <sub>N</sub>   | 24 A (the maximum load current must not be exceeded by the total current of all connected conductors) |
| Nominal voltage U <sub>N</sub>   | 800 V   |
| Open side panel                  | ja  |

#### Dimensions

|                  |        |
|------------------|--------|
| Width            | 5.2 mm |
| Length           | 49 mm  |
| Height NS 35/7,5 | 43 mm  |

# Feed-through terminal block - PTS 2,5 BU - 3211812

## Technical data

### Dimensions

|                 |         |
|-----------------|---------|
| Height NS 35/15 | 50.5 mm |
|-----------------|---------|

### Connection data

|   |                      |
|---|----------------------|
| Conductor cross section solid min.  | 0.14 mm <sup>2</sup> |
| Conductor cross section solid max.  | 4 mm <sup>2</sup>    |
| Conductor cross section AWG/kcmil min.  | 26                   |
| Conductor cross section AWG/kcmil max   | 12                   |
| Conductor cross section stranded min.   | 0.14 mm <sup>2</sup> |
| Conductor cross section stranded max.   | 2.5 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.              | 2.5 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.                 | 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>  |
| Connection method   | Push-in connection   |
| Stripping length  | 10 mm                |
| Internal cylindrical gage   | A3                   |

## classifications

### eCl@ss

|            |          |
|------------|----------|
| eCl@ss 4.0 | 27141121 |
| eCl@ss 4.1 | 27141121 |
| eCl@ss 5.0 | 27141120 |
| eCl@ss 5.1 | 27141120 |
| eCl@ss 6.0 | 27141120 |
| eCl@ss 7.0 | 27141120 |
| eCl@ss 8.0 | 27141120 |

### ETIM

|          |          |
|----------|----------|
| ETIM 2.0 | EC000897 |
| ETIM 3.0 | EC000897 |
| ETIM 4.0 | EC000897 |
| ETIM 5.0 | EC000897 |

### UNSPSC

|               |          |
|---------------|----------|
| UNSPSC 6.01   | 30211811 |
| UNSPSC 7.0901 | 39121410 |

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## classifications


### UNSPSC


|                     |          |
|---------------------|----------|
| <b>UNSPSC 11</b>    | 39121410 |
| <b>UNSPSC 12.01</b> | 39121410 |
| <b>UNSPSC 13.2</b>  | 39121410 |


## approvals

UL Recognized / VDE Zeichengenehmigung / cUL Recognized / GOST / LR / GL / RS / ABS / NK / IECCEB Scheme / CSA / BV / GOST / cULus Recognized /

### Approval details

| <b>UL Recognized</b>  |       |       |
|--|-------|-------|
| Usegroups  | B     | C     |
| Nominal voltage UN   | 600 V | 600 V |
| Nominal current IN   | 20 A  | 20 A  |
| mm²/AWG/kcmil  | 26-12 | 26-12 |

|   |       |
|---|-------|
| <b>VDE Zeichengenehmigung</b>  |       |
| Nominal voltage UN  | 800 V |
| Nominal current IN  | 24 A  |
| mm²/AWG/kcmil   | 0.2-4 |

| <b>cUL Recognized</b>  |       |       |
|---|-------|-------|
| Usegroups   | B     | C     |
| Nominal voltage UN  | 600 V | 600 V |
| Nominal current IN  | 20 A  | 20 A  |
| mm²/AWG/kcmil   | 26-12 | 26-12 |

|   |
|---|
| <b>GOST</b>  |
|---|

|           |
|-----------|
| <b>LR</b> |
|-----------|

|           |
|-----------|
| <b>GL</b> |
|-----------|

## Feed-through terminal block - PTS 2,5 BU - 3211812

### approvals

RS

ABS

NK

IECEE CB Scheme 

| Nominal voltage UN         | 800 V |
|----------------------------|-------|
| Nominal current IN         | 24 A  |
| mm <sup>2</sup> /AWG/kcmil | 0.2-4 |

CSA 

| Usegroups                  | B     | C     |
|----------------------------|-------|-------|
| Nominal voltage UN         | 600 V | 600 V |
| Nominal current IN         | 20 A  | 20 A  |
| mm <sup>2</sup> /AWG/kcmil | 26-12 | 26-12 |

BV



cULus Recognized 

### accessories

#### End cover

D-ST5 2,5 - 3031762



# Feed-through terminal block - PTS 2,5 BU - 3211812

## accessories

DP PS-5 - 3036725



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## Marker carriers

STP 5-2-ZB - 3037643



GBS-ZB/26X6 - 0809298



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## Terminal marking

GBS 5-25X12 - 0810588



ZB 5 :UNBEDRUCKT - 1050004



## Feed-through terminal block - PTS 2,5 BU - 3211812

### accessories

UC-TM 5 - 0818108



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UCT-TM 5 - 0828734



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ZBF 5:UNBEDRUCKT - 0808642



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UC-TMF 5 - 0818153



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UCT-TMF 5 - 0828744



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### Screwdriver tools

# Feed-through terminal block - PTS 2,5 BU - 3211812

## accessories

SZF 1-0,6X3,5 - 1204517



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## Partition plate

ATP-QTC - 3206209



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## Documentation

PT-IL - 3208090



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## Bridge

FBS 2-5 - 3030161



FBS 3-5 - 3030174



## Feed-through terminal block - PTS 2,5 BU - 3211812

### accessories

FBS 4-5 - 3030187



FBS 5-5 - 3030190



FBS 10-5 - 3030213



FBS 20-5 - 3030226



FBS 50-5 - 3038930



### Mounting rail



## Feed-through terminal block - PTS 2,5 BU - 3211812

### accessories

NS 35/ 7,5 PERF 2000MM - 0801733



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



## Feed-through terminal block - PTS 2,5 BU - 3211812

### accessories

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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



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NS 35/15 PERF 2000MM - 1201730



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NS 35/15 UNPERF 2000MM - 1201714



## Feed-through terminal block - PTS 2,5 BU - 3211812

### 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



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NS 35/15 CU UNPERF 2000MM - 1201895



## Feed-through terminal block - PTS 2,5 BU - 3211812

### accessories

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NS 35/15 CAP - 1206573



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



### Labeled terminal marker

ZB 5 CUS - 0824962



UC-TM 5 CUS - 0824581



UCT-TM 5 CUS - 0829595



## Feed-through terminal block - PTS 2,5 BU - 3211812

### accessories

ZBF 5 CUS - 0825025



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UC-TMF 5 CUS - 0824638



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UCT-TMF 5 CUS - 0829658



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### Test plug terminal block

MPS-MT - 0201744



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



## Feed-through terminal block - PTS 2,5 BU - 3211812

### accessories

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



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



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



## Feed-through terminal block - PTS 2,5 BU - 3211812

### accessories

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



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



PS-5 - 3030983



PS-5/2,3MM RD - 3038723



### Insulating sleeve

MPS-IH WH - 0201663



## Feed-through terminal block - PTS 2,5 BU - 3211812

### accessories

MPS-IH RD - 0201676



MPS-IH BU - 0201689



MPS-IH YE - 0201692



MPS-IH GN - 0201702



MPS-IH GY - 0201728



MPS-IH BK - 0201731





## Feed-through terminal block - PTS 2,5 BU - 3211812

### accessories

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ISH 2,5/0,2 - 3002843



ISH 2,5/0,5 - 3002856



ISH 2,5/1,0 - 3002869



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### Planning and marking software

CLIP-PROJECT ADVANCED - 5146040



CLIP-PROJECT PROFESSIONAL - 5146053



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### End block

## Feed-through terminal block - PTS 2,5 BU - 3211812

### accessories

CLIPFIX 35 - 3022218



CLIPFIX 35-5 - 3022276



E/NS 35 N - 0800886



### Drawings

Circuit diagram



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