

# Feed-through terminal block - PTTB 2,5-2DIO/O-UL/O-UR - 3211443

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Feed-through terminal block, Cross section: 0.14 mm<sup>2</sup> - 4 mm<sup>2</sup>, AWG: 26 - 12, Connection type: Push-in connection, Width: 5.2 mm, Color: gray, 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

## Key commercial data

|                  |               |
|------------------|---------------|
| package_quantity | 50            |
| GTIN             | 4046356433044 |

## Technical data

### General

|                                         |                                                                                                                                    |
|-----------------------------------------|------------------------------------------------------------------------------------------------------------------------------------|
| Note                                    | The max. current is determined by the diode. Installed: Diode 1N 4007, reverse voltage: 1300 V, maximum continuous current: 0.5 A. |
| Number of levels                        | 2                                                                                                                                  |
| Number of connections                   | 4                                                                                                                                  |
| Color                                   | gray                                                                                                                               |
| Insulating material                     | PA                                                                                                                                 |
| Inflammability class according to UL 94 | V0                                                                                                                                 |

### General

|                                |       |
|--------------------------------|-------|
| Rated surge voltage            | 6 kV  |
| Surge voltage category         | III   |
| Insulating material group      | I     |
| Nominal current I <sub>N</sub> | 20 A  |
| Nominal voltage U <sub>N</sub> | 250 V |
| Open side panel                | ja    |

### Dimensions

|        |        |
|--------|--------|
| Width  | 5.2 mm |
| Length | 68 mm  |

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## Technical data

### Dimensions

|                  |         |
|------------------|---------|
| Height NS 35/7,5 | 47.5 mm |
| Height NS 35/15  | 55 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 stranded min.                                                   | 0.14 mm <sup>2</sup> |
| Conductor cross section stranded max.                                                   | 2.5 mm <sup>2</sup>  |
| Conductor cross section AWG/kcmil min.                                                  | 26                   |
| Conductor cross section AWG/kcmil max                                                   | 12                   |
| 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

CSA / UL Recognized / cUL Recognized / GOST / GOST / cULus Recognized /

### Approval details

| CSA  |       |       |
|---------------------------------------------------------------------------------------|-------|-------|
| Usegroups                                                                             | B     | C     |
| Nominal voltage UN                                                                    | 300 V | 300 V |
| Nominal current IN                                                                    | 0.5 A | 0.5 A |
| mm²/AWG/kcmil                                                                         | 26-12 | 26-12 |

| UL Recognized  |       |       |
|---------------------------------------------------------------------------------------------------|-------|-------|
| Usegroups                                                                                         | B     | C     |
| Nominal voltage UN                                                                                | 300 V | 300 V |
| Nominal current IN                                                                                | 20 A  | 20 A  |
| mm²/AWG/kcmil                                                                                     | 26-12 | 26-12 |

| cUL Recognized  |       |       |
|----------------------------------------------------------------------------------------------------|-------|-------|
| Usegroups                                                                                          | B     | C     |
| Nominal voltage UN                                                                                 | 300 V | 300 V |
| Nominal current IN                                                                                 | 20 A  | 20 A  |
| mm²/AWG/kcmil                                                                                      | 26-12 | 26-12 |

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

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

## Feed-through terminal block - PTTB 2,5-2DIO/O-UL/O-UR - 3211443

approvals

cULus Recognized  US

accessories

**Partition plate**

ATP-STTB 4 - 3030747



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**End cover**

D-PTTB 2,5 - 3211634



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DP PS-5 - 3036725



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**Screwdriver tools**

SZF 1-0,6X3,5 - 1204517



# Feed-through terminal block - PTTB 2,5-2DIO/O-UL/O-UR - 3211443

accessories

## Marker carriers

STP 5-2 - 0800967



STP 5-2/S - 0800970



## Documentation

PT-IL - 3208090



## Bridge

FBS 2-5 - 3030161



FBS 3-5 - 3030174



# Feed-through terminal block - PTTB 2,5-2DIO/O-UL/O-UR - 3211443

## 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



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## Mounting rail

## Feed-through terminal block - PTTB 2,5-2DIO/O-UL/O-UR - 3211443

### 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



## Feed-through terminal block - PTTB 2,5-2DIO/O-UL/O-UR - 3211443

### accessories

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



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



## Feed-through terminal block - PTTB 2,5-2DIO/O-UL/O-UR - 3211443

### accessories

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



NS 35/15 ZN PERF 2000MM - 1206599



## Feed-through terminal block - PTTB 2,5-2DIO/O-UL/O-UR - 3211443

### accessories

NS 35/15 ZN UNPERF 2000MM - 1206586



NS 35/15 CU UNPERF 2000MM - 1201895



NS 35/15 CAP - 1206573



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



### Terminal marking

ZBF 5:UNBEDRUCKT - 0808642



## Feed-through terminal block - PTTB 2,5-2DIO/O-UL/O-UR - 3211443

### accessories

UC-TMF 5 - 0818153



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UCT-TMF 5 - 0828744



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### Labeled terminal marker

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

## Feed-through terminal block - PTTB 2,5-2DIO/O-UL/O-UR - 3211443

### accessories

MPS-MT - 0201744



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PAI-4-N GY - 3032871



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PS-5 - 3030983



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PS-5/2,3MM RD - 3038723



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### Insulating sleeve

MPS-IH WH - 0201663



# Feed-through terminal block - PTTB 2,5-2DIO/O-UL/O-UR - 3211443

## accessories

MPS-IH RD - 0201676



MPS-IH BU - 0201689



MPS-IH YE - 0201692



MPS-IH GN - 0201702



MPS-IH GY - 0201728



## Feed-through terminal block - PTTB 2,5-2DIO/O-UL/O-UR - 3211443

### accessories

MPS-IH BK - 0201731



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ISH 2,5/0,2 - 3002843



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ISH 2,5/0,5 - 3002856



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ISH 2,5/1,0 - 3002869



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### Planning and marking software

CLIP-PROJECT ADVANCED - 5146040



# Feed-through terminal block - PTTB 2,5-2DIO/O-UL/O-UR - 3211443

accessories

CLIP-PROJECT PROFESSIONAL - 5146053



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## End block

CLIPFIX 35 - 3022218



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CLIPFIX 35-5 - 3022276



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E/NS 35 N - 0800886

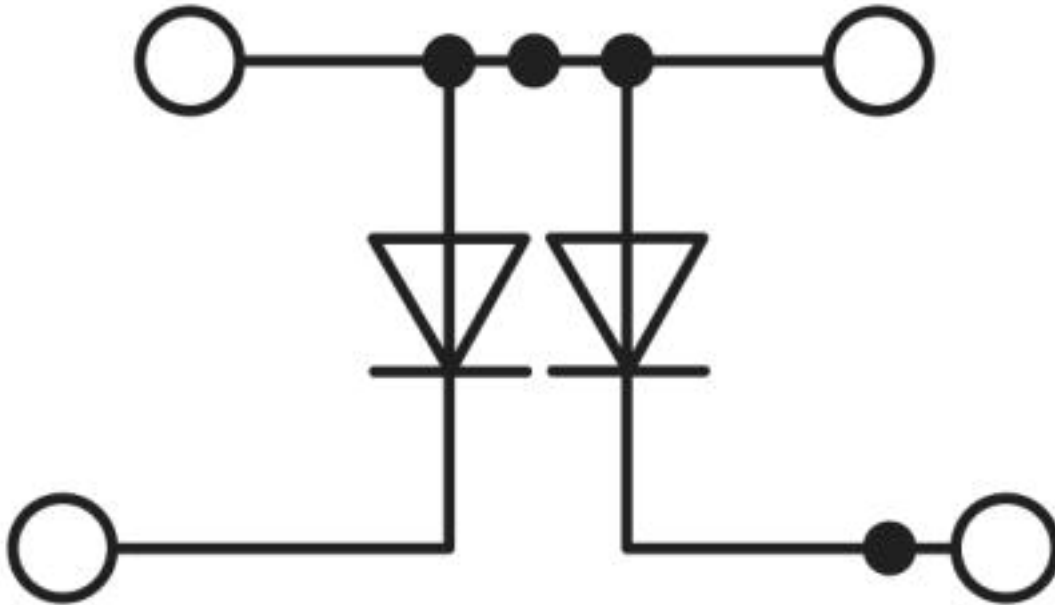


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## Drawings

## Feed-through terminal block - PTTB 2,5-2DIO/O-UL/O-UR - 3211443

Circuit diagram



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