

## Feed-through terminal block - QTTCB 1,5-PV - 3205153

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Feed-through terminal block, Cross section: 0.25 mm<sup>2</sup> - 1.5 mm<sup>2</sup>, AWG: 24 - 16, Connection type: Quick connection, Width: 5.2 mm, Color: gray, Mounting type: NS 35/7,5, NS 35/15

### Product Features

- ✓ Ground terminal blocks of the same shape are available
- ✓ Tested for railway applications



### Key commercial data

|                  |               |
|------------------|---------------|
| package_quantity | 50            |
| GTIN             | 4017918932527 |

### Technical data

#### General

|                                         |                                                                                              |
|-----------------------------------------|----------------------------------------------------------------------------------------------|
| Note                                    | The max. load current must not be exceeded by the total current of all connected conductors. |
| Number of levels                        | 2                                                                                            |
| Number of connections                   | 4                                                                                            |
| Color                                   | gray                                                                                         |
| 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                                                                            |
| Area of application                     | Process industry                                                                             |

#### General

|                                  |                                                           |
|----------------------------------|-----------------------------------------------------------|
| Maximum load current             | 17.5 A (with 1.5 mm <sup>2</sup> conductor cross section) |
| Rated surge voltage              | 6 kV                                                      |
| Pollution degree                 | 3                                                         |
| Surge voltage category           | III                                                       |
| Insulating material group        | I                                                         |
| Connection in acc. with standard | IEC 60947-7-1                                             |
| Nominal current I <sub>N</sub>   | 17.5 A                                                    |

# Feed-through terminal block - QTTCB 1,5-PV - 3205153

## Technical data

### General

|                       |       |
|-----------------------|-------|
| Nominal voltage $U_N$ | 500 V |
| Open side panel       | ja    |

### Dimensions

|                  |         |
|------------------|---------|
| Width            | 5.2 mm  |
| Length           | 99.6 mm |
| Height NS 35/7,5 | 49.9 mm |
| Height NS 35/15  | 57.4 mm |

### Connection data

|                                                                             |                      |
|-----------------------------------------------------------------------------|----------------------|
| Conductor cross section solid min.                                          | 0.25 mm <sup>2</sup> |
| Conductor cross section solid max.                                          | 1.5 mm <sup>2</sup>  |
| Conductor cross section AWG/kcmil min.                                      | 24                   |
| Conductor cross section AWG/kcmil max                                       | 16                   |
| Conductor cross section stranded min.                                       | 0.25 mm <sup>2</sup> |
| Conductor cross section stranded max.                                       | 1.5 mm <sup>2</sup>  |
| Min. AWG conductor cross section, stranded                                  | 24                   |
| Max. AWG conductor cross section, stranded                                  | 16                   |
| Connection method                                                           | Quick connection     |
| Material wire insulation                                                    | PVC / PE             |
| Structure of individual litz in acc. with VDE 0295 / smallest wire diameter | VDE 0295 Cl.1-5      |

## 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 | 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 |
| UNSPSC 11     | 39121410 |

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## classifications

### UNSPSC

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

## approvals

IECEX / ATEX / CSA / UL Recognized / cUL Recognized / GOST / LR / GL / BV / DNV / ABS / KR / NK / GOST / cULus Recognized /

### Approval details

| IECEX              |          |
|--------------------|----------|
| Nominal voltage UN | 440 V    |
| Nominal current IN | 15 A     |
| mm²/AWG/kcmil      | 0.25-1.5 |

| ATEX  |          |
|------------------------------------------------------------------------------------------|----------|
| Nominal voltage UN                                                                       | 440 V    |
| Nominal current IN                                                                       | 15 A     |
| mm²/AWG/kcmil                                                                            | 0.25-1.5 |

| CSA  |       |       |
|-----------------------------------------------------------------------------------------|-------|-------|
| Usegroups                                                                               | B     | C     |
| Nominal voltage UN                                                                      | 600 V | 600 V |
| Nominal current IN                                                                      | 10 A  | 10 A  |
| mm²/AWG/kcmil                                                                           | 24-16 | 24-16 |

| UL Recognized  |       |       |       |
|---------------------------------------------------------------------------------------------------|-------|-------|-------|
| Usegroups                                                                                         | B     | C     | D     |
| Nominal voltage UN                                                                                | 300 V | 300 V | 600 V |
| Nominal current IN                                                                                | 10 A  | 10 A  | 5 A   |
| mm²/AWG/kcmil                                                                                     | 24-16 | 24-16 | 24-16 |

| cUL Recognized  |  |  |  |
|----------------------------------------------------------------------------------------------------|--|--|--|
|----------------------------------------------------------------------------------------------------|--|--|--|

## Feed-through terminal block - QTTCB 1,5-PV - 3205153

### approvals

| Usegroups          | B     | C     | D     |
|--------------------|-------|-------|-------|
| Nominal voltage UN | 300 V | 300 V | 600 V |
| Nominal current IN | 10 A  | 10 A  | 5 A   |
| mm²/AWG/kcmil      | 24-16 | 24-16 | 24-16 |

GOST 

LR

GL

BV

DNV

ABS

KR

NK



cULus Recognized 

### accessories

#### End cover

D-QTTCB 1,5 - 3205187



## Feed-through terminal block - QTTCB 1,5-PV - 3205153

accessories

DP PS-5 - 3036725



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### Test plug terminal block

PS-4/E - 3036709



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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



## Feed-through terminal block - QTTCB 1,5-PV - 3205153

### accessories

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



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



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



## Feed-through terminal block - QTTCB 1,5-PV - 3205153

### accessories

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PS-5 - 3030983



PS-5/2,3MM RD - 3038723



### Screwdriver tools

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SZF 1-0,6X3,5 - 1204517



### Marker carriers

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STP 5-2/S - 0800970



### Bridge

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FBS 2-5 - 3030161



## Feed-through terminal block - QTTCB 1,5-PV - 3205153

### accessories

FBS 3-5 - 3030174



FBS 4-5 - 3030187



FBS 5-5 - 3030190



FBS 10-5 - 3030213



FBS 20-5 - 3030226



### Mounting rail

## Feed-through terminal block - QTTCB 1,5-PV - 3205153

### accessories

NS 35/ 7,5 PERF 2000MM - 0801733



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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



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### accessories

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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



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### 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 - QTTCB 1,5-PV - 3205153

### accessories

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NS 35/15 CAP - 1206573



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



### Terminal marking

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ZBF 5:UNBEDRUCKT - 0808642



UC-TMF 5 - 0818153



UCT-TMF 5 - 0828744



### Labeled terminal marker

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## Feed-through terminal block - QTTCB 1,5-PV - 3205153

### 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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### End block

CLIPFIX 35 - 3022218



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CLIPFIX 35-5 - 3022276



## Feed-through terminal block - QTTCB 1,5-PV - 3205153

accessories

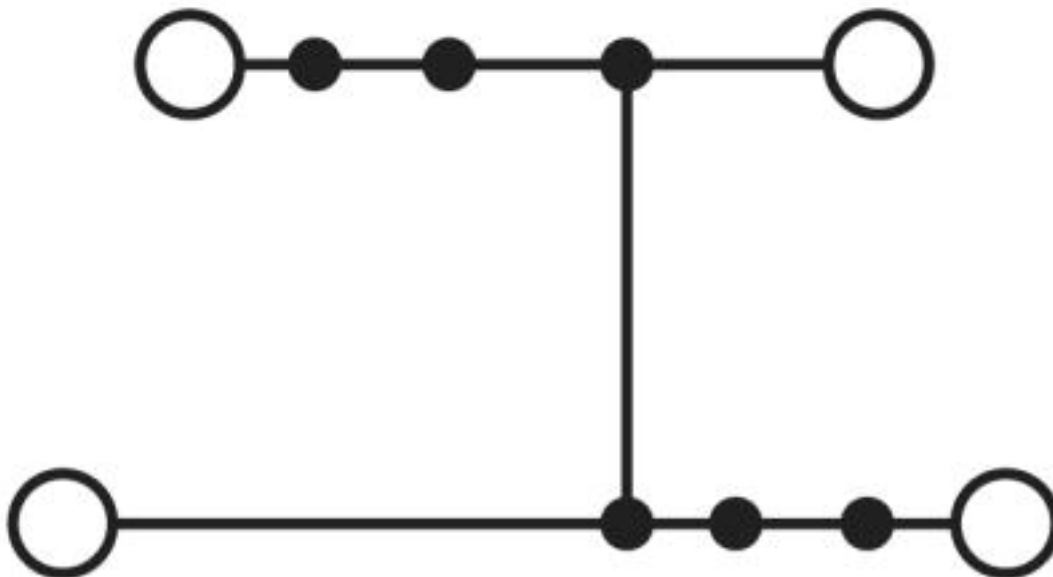
E/NS 35 N - 0800886



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### Drawings

Circuit diagram



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