

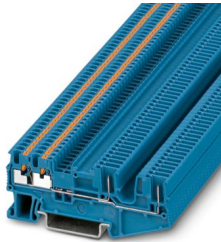
PT 1,5/S-QUATTRO/2P BU - Feed-through terminal block



3212400

<https://www.phoenixcontact.com/us/products/3212400>

Please be informed that the data shown in this PDF document is generated from our online catalog. Please find the complete data in the user documentation. Our general terms of use for downloads are valid.



Feed-through terminal block, nom. voltage: 500 V, nominal current: 17.5 A, number of connections: 4, connection method: Push-in / plug connection, Rated cross section: 1.5 mm², 1 level, cross section: 0.14 mm² - 1.5 mm², mounting type: NS 35/7,5, NS 35/15, color: blue

Your advantages

- In addition to the testing option in the double function shaft, all terminal blocks provide an additional test pick-off
- The compact design and front connection enable wiring in a confined space
- 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
- Tested for railway applications

Commercial data

| | |
|--------------------------------------|---------------|
| Item number | 3212400 |
| Packing unit | 50 pc |
| Minimum order quantity | 50 pc |
| Sales key | BE22 |
| Product key | BE2241 |
| GTIN | 4046356565325 |
| Weight per piece (including packing) | 5.67 g |
| Weight per piece (excluding packing) | 5.63 g |
| Customs tariff number | 85369010 |
| Country of origin | PL |

PT 1,5/S-QUATTRO/2P BU - Feed-through terminal block



3212400

<https://www.phoenixcontact.com/us/products/3212400>

Technical data

Product properties

| | |
|-----------------------|------------------------|
| Product type | Plug-in terminal block |
| Area of application | Railway industry |
| | Machine building |
| | Plant engineering |
| Number of connections | 4 |
| Number of rows | 1 |
| Potentials | 1 |

Insulation characteristics

| | |
|----------------------|-----|
| Overvoltage category | III |
| Degree of pollution | 3 |

Electrical properties

| | |
|---|--------|
| Rated surge voltage | 6 kV |
| Maximum power dissipation for nominal condition | 0.56 W |

Connection data

| | |
|---------------------------------|---------------------|
| Number of connections per level | 4 |
| Nominal cross section | 1.5 mm ² |

1 level

| | |
|---|--|
| Connection method | Push-in / plug connection |
| Stripping length | 8 mm ... 10 mm |
| Internal cylindrical gage | A1 / B1 |
| Connection in acc. with standard | IEC 61984 |
| Conductor cross-section rigid | 0.14 mm ² ... 1.5 mm ² |
| Cross section AWG | 26 ... 16 (converted acc. to IEC) |
| Conductor cross-section flexible | 0.14 mm ² ... 1.5 mm ² |
| Conductor cross-section, flexible [AWG] | 26 ... 16 (converted acc. to IEC) |
| Conductor cross-section flexible ultrasound-compressed | 0.34 mm ² ... 1.5 mm ² |
| Conductor cross-section, flexible [AWG] ultrasound-compressed | 22 ... 16 (converted acc. to IEC) |
| Conductor cross-section flexible (ferrule without plastic sleeve) | 0.14 mm ² ... 1.5 mm ² |
| Flexible conductor cross-section (ferrule with plastic sleeve) | 0.14 mm ² ... 1 mm ² (Using the AI-S 1-8 TQ ferrule, Item No. 1200293, is recommended) |
| Nominal cross section | 1.5 mm ² |
| Nominal current | 17.5 A (observe derating) |
| Maximum load current | 17.5 A (with 1.5 mm ² conductor cross-section) |
| Nominal voltage | 500 V |

1 level Connection cross sections directly pluggable

| | |
|---|--|
| Conductor cross-section rigid | 0.25 mm ² ... 1.5 mm ² |
| Conductor cross-section flexible (ferrule without plastic sleeve) | 0.34 mm ² ... 1.5 mm ² |

PT 1,5/S-QUATTRO/2P BU - Feed-through terminal block



3212400

<https://www.phoenixcontact.com/us/products/3212400>

| | |
|--|--|
| Flexible conductor cross-section (ferrule with plastic sleeve) | 0.34 mm ² ... 1 mm ² |
|--|--|

Dimensions

| | |
|--------------------|---------|
| Width | 3.5 mm |
| End cover width | 2.2 mm |
| Height | 78.5 mm |
| Depth on NS 35/7,5 | 32 mm |
| Depth on NS 35/15 | 39.5 mm |

Material specifications

| | |
|---|-----------------|
| Color | blue (RAL 5015) |
| Flammability rating according to UL 94 | V0 |
| Insulating material group | I |
| Insulating material | PA |
| Static insulating material application in cold | -60 °C |
| Temperature index of insulation material (DIN EN 60216-1 (VDE 0304-21)) | 130 °C |
| Relative insulation material temperature index (Elec., UL 746 B) | 130 °C |
| Fire protection for rail vehicles (DIN EN 45545-2) R22 | HL 1 - HL 3 |
| Fire protection for rail vehicles (DIN EN 45545-2) R23 | HL 1 - HL 3 |
| Fire protection for rail vehicles (DIN EN 45545-2) R24 | HL 1 - HL 3 |
| Fire protection for rail vehicles (DIN EN 45545-2) R26 | HL 1 - HL 3 |
| Calorimetric heat release NFPA 130 (ASTM E 1354) | 28 MJ/kg |
| Surface flammability NFPA 130 (ASTM E 162) | passed |
| Specific optical density of smoke NFPA 130 (ASTM E 662) | passed |
| Smoke gas toxicity NFPA 130 (SMP 800C) | passed |

Mechanical properties

Mechanical data

| | |
|-----------------|-----|
| Open side panel | Yes |
|-----------------|-----|

Environmental and real-life conditions

Ambient conditions

| | |
|--|---|
| Ambient temperature (operation) | -60 °C ... 100 °C (max. operating temperature range including self-heating, see derating curve) |
| Ambient temperature (storage/transport) | -25 °C ... 60 °C (for a short time, not exceeding 24 h, -60 °C to +70 °C) |
| Ambient temperature (assembly) | -5 °C ... 70 °C |
| Ambient temperature (actuation) | -5 °C ... 70 °C |
| Permissible humidity (operation) | 20 % ... 90 % |
| Permissible humidity (storage/transport) | 30 % ... 70 % |

Standards and regulations

| | |
|----------------------------------|-----------|
| Connection in acc. with standard | IEC 61984 |
|----------------------------------|-----------|

PT 1,5/S-QUATTRO/2P BU - Feed-through terminal block



3212400

<https://www.phoenixcontact.com/us/products/3212400>

Mounting

| | |
|---------------|-----------|
| Mounting type | NS 35/7,5 |
| | NS 35/15 |

PT 1,5/S-QUATTRO/2P BU - Feed-through terminal block

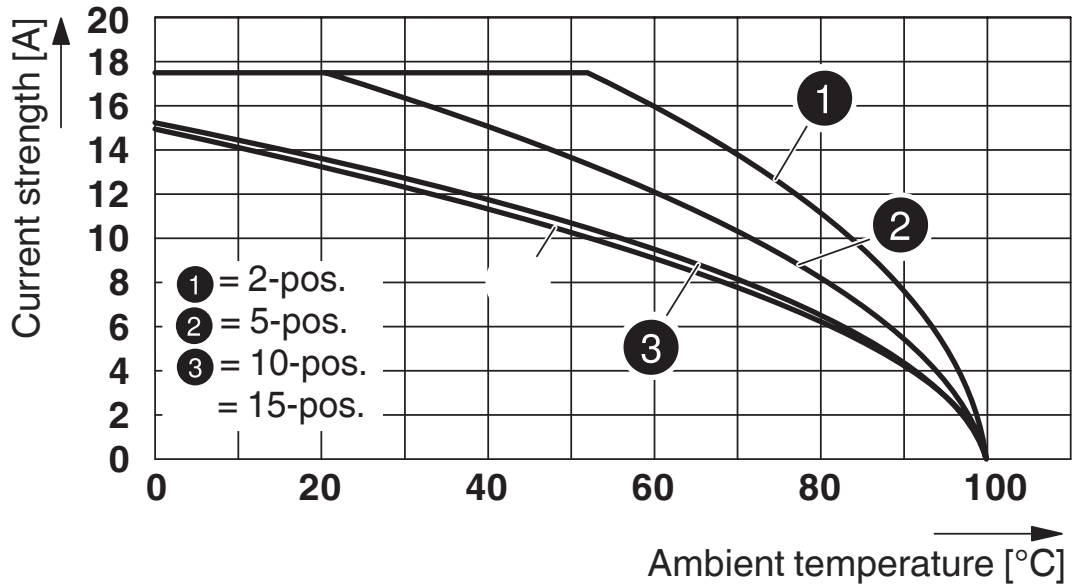


3212400

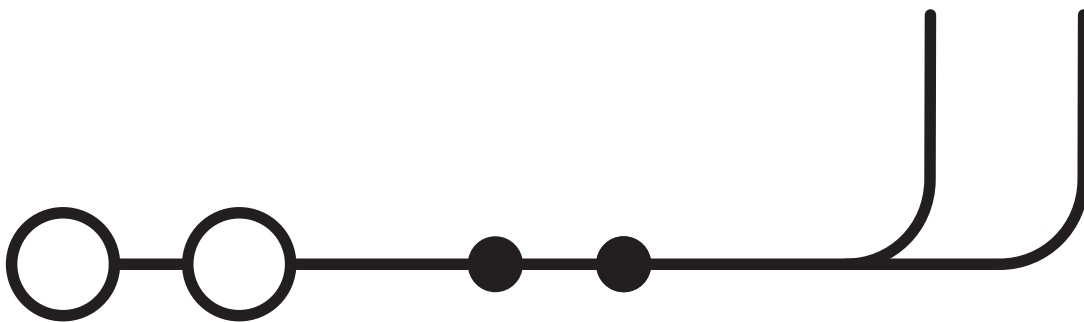
<https://www.phoenixcontact.com/us/products/3212400>

Drawings

Diagram



Circuit diagram



PT 1,5/S-QUATTRO/2P BU - Feed-through terminal block



3212400

<https://www.phoenixcontact.com/us/products/3212400>

Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/3212400>



EAC

Approval ID: RU C-DE.BL08.B.00644



cULus Recognized

Approval ID: E60425

| | Nominal voltage U_N | Nominal current I_N | Cross section AWG | Cross section mm^2 |
|---|-----------------------|-----------------------|-------------------|-----------------------------|
| B | | | | |
| | 300 V | 15 A | 26 - 14 | - |
| C | | | | |
| | 300 V | 15 A | 26 - 14 | - |
| D | | | | |
| | 600 V | 5 A | 26 - 14 | - |



NK

Approval ID: 14ME0912



BV

Approval ID: 39979/B0 BV



IECEE CB Scheme

Approval ID: DE1-65179

| | Nominal voltage U_N | Nominal current I_N | Cross section AWG | Cross section mm^2 |
|-------|-----------------------|-----------------------|-------------------|-----------------------------|
| keine | | | | |
| | 500 V | - | - | 0.14 - 1.5 |



EAC

Approval ID: KZ7500651131219505

PT 1,5/S-QUATTRO/2P BU - Feed-through terminal block



3212400

<https://www.phoenixcontact.com/us/products/3212400>

Classifications

ECLASS

| | |
|-------------|----------|
| ECLASS-13.0 | 27250117 |
| ECLASS-15.0 | 27250117 |

ETIM

| | |
|-----------|----------|
| ETIM 10.0 | EC000897 |
|-----------|----------|

UNSPSC

| | |
|-------------|----------|
| UNSPSC 21.0 | 39121400 |
|-------------|----------|

PT 1,5/S-QUATTRO/2P BU - Feed-through terminal block



3212400

<https://www.phoenixcontact.com/us/products/3212400>

Environmental product compliance

EU RoHS

| | |
|---|--------------------|
| Fulfills EU RoHS substance requirements | Yes, No exemptions |
|---|--------------------|

China RoHS

| | |
|--|--|
| Environment friendly use period (EFUP) | EFUP-E |
| | No hazardous substances above the limits |

EU REACH SVHC

| | |
|-------------------------------------|----------------------------|
| REACH candidate substance (CAS No.) | No substance above 0.1 wt% |
|-------------------------------------|----------------------------|

Phoenix Contact 2026 © - all rights reserved
<https://www.phoenixcontact.com>

Phoenix Contact USA
586 Fulling Mill Road
Middletown, PA 17057, United States
(+717) 944-1300
info@phoenixcon.com