

PT 4 WH - Feed-through terminal block



3211778

<https://www.phoenixcontact.com/in/products/3211778>

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Feed-through terminal block, nom. voltage: 800 V, nominal current: 32 A, number of connections: 2, connection method: Push-in connection, Rated cross section: 4 mm², cross section: 0.2 mm² - 6 mm², mounting type: NS 35/7,5, NS 35/15, color: white

Your advantages

- 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
- 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
- Tested for railway applications

Commercial data

| | |
|--------------------------------------|---------------|
| Item number | 3211778 |
| Packing unit | 50 pc |
| Minimum order quantity | 50 pc |
| Sales key | BE2 |
| Product key | BE2211 |
| GTIN | 4046356893923 |
| Weight per piece (including packing) | 8.563 g |
| Weight per piece (excluding packing) | 8.562 g |
| Customs tariff number | 85369010 |
| Country of origin | CN |

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Technical data

Product properties

| | |
|-----------------------|-----------------------------|
| Product type | Feed-through terminal block |
| Product family | PT |
| Area of application | Railway industry |
| | Machine building |
| | Plant engineering |
| | Process industry |
| Number of connections | 2 |
| Number of rows | 1 |
| Potentials | 1 |

Insulation characteristics

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

Electrical properties

| | |
|---|--------|
| Rated surge voltage | 8 kV |
| Maximum power dissipation for nominal condition | 1.02 W |

Connection data

| | |
|---|--|
| Number of connections per level | 2 |
| Nominal cross section | 4 mm ² |
| Stripping length | 10 mm ... 12 mm |
| Internal cylindrical gage | A4 |
| Connection in acc. with standard | IEC 60947-7-1 |
| Conductor cross section rigid | 0.2 mm ² ... 6 mm ² |
| Cross section AWG | 24 ... 10 (converted acc. to IEC) |
| Conductor cross section flexible | 0.2 mm ² ... 6 mm ² |
| Conductor cross section, flexible [AWG] | 24 ... 10 (converted acc. to IEC) |
| Conductor cross-section flexible (ferrule without plastic sleeve) | 0.25 mm ² ... 4 mm ² |
| Flexible conductor cross section (ferrule with plastic sleeve) | 0.25 mm ² ... 4 mm ² |
| 2 conductors with the same cross section, flexible, with TWIN ferrule with plastic sleeve | 0.5 mm ² ... 1 mm ² |
| Nominal current | 32 A |
| Maximum load current | 36 A (with 6 mm ² conductor cross section, rigid) |
| Nominal voltage | 800 V |
| Nominal cross section | 4 mm ² |

Connection cross sections directly pluggable

| | |
|---|--|
| Conductor cross section rigid | 0.5 mm ² ... 6 mm ² |
| Conductor cross-section flexible (ferrule without plastic sleeve) | 0.75 mm ² ... 4 mm ² |
| Flexible conductor cross section (ferrule with plastic sleeve) | 0.5 mm ² ... 4 mm ² |

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Ex data

Rated data (ATEX/IECEx)

| | |
|--|-------------------------------------|
| Identification | Ex II 2 G Ex eb IIC Gb |
| Operating temperature range (1) | -60 °C ... 85 °C |
| Operating temperature range (2) | -40 °C ... 110 °C |
| Ex-certified accessories | 3030420 D-ST 4 |
| | 3030721 ATP-ST 4 |
| | 1204517 SZF 1-0,6X3,5 |
| | 3022276 CLIPFIX 35-5 |
| | 3022218 CLIPFIX 35 |
| List of bridges | Plug-in bridge / FBS 2-6 / 3030336 |
| | Plug-in bridge / FBS 3-6 / 3030242 |
| | Plug-in bridge / FBS 4-6 / 3030255 |
| | Plug-in bridge / FBS 5-6 / 3030349 |
| | Plug-in bridge / FBS 10-6 / 3030271 |
| | Plug-in bridge / FBS 20-6 / 3030365 |
| Bridge data | 25 A (4 mm²) |
| Ex temperature increase | 40 K (26 A / 4 mm²) |
| Rated voltage | 550 V |
| for bridging with bridge | 550 V |
| - At bridging between non-adjacent terminal blocks | 352 V |
| - At bridging between non-adjacent terminal blocks via PE terminal block | 352 V |
| - At cut-to-length bridging | 220 V |
| - At cut-to-length bridging with cover | 275 V |
| - At cut-to-length bridging with partition plate | 550 V |
| Rated insulation voltage | 500 V |
| output | (Permanent) |

Ex level General

| | |
|----------------------|--------------|
| Rated current | 26 A (4 mm²) |
| Maximum load current | 30 A (6 mm²) |
| Contact resistance | 0.59 mΩ |

Ex connection data General

| | |
|------------------------------|-------------------|
| Nominal cross section | 4 mm² |
| Rated cross section AWG | 12 |
| Connection capacity rigid | 0.2 mm² ... 6 mm² |
| Connection capacity AWG | 24 ... 10 |
| Connection capacity flexible | 0.2 mm² ... 4 mm² |
| Connection capacity AWG | 24 ... 12 |

Dimensions

| | |
|-------|--------|
| Width | 6.2 mm |
|-------|--------|