

Installation terminal block - PTI 6 BU - 3213973

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Installation terminal block, Push-in connection, Cross section: 0.5 mm² - 10 mm², AWG: 20 - 8, Width: 8.2 mm, Color: blue, Mounting type: NS 35/7,5, NS 35/15

Product Features

- ✓ Compatible with all Phoenix Contact installation terminal blocks
- ✓ As well as the testing facility in the function shaft, each terminal point has a test contact
- ✓ Each terminal point can be clearly labeled and easily recognized in every terminal block mounting position
- ✓ Compact design tailored to installation distributors
- ✓ The new Push-in connection technology enables easy, direct insertion of solid and stranded conductors with ferrules with a cross section of 0.34 mm² or higher
- ✓



Key commercial data

| | |
|------------------------|----------|
| Packing unit | 1 pc |
| Minimum order quantity | 50 pc |
| Custom tariff number | 85369010 |
| Country of origin | Germany |

Technical data

General

| | |
|---|---|
| Number of levels | 1 |
| Number of connections | 2 |
| Color | blue |
| Insulating material | PA |
| Inflammability class according to UL 94 | V0 |
| Maximum load current | 41 A (with 6 mm ² conductor cross section) 51 A (with 10 mm ² conductor cross section) |
| Rated surge voltage | 6 kV |

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Technical data

General

| | |
|----------------------------------|--|
| Pollution degree | 3 |
| Surge voltage category | III |
| Insulating material group | I |
| Connection in acc. with standard | IEC 60947-7-1 |
| Maximum load current | 41 A (with 6 mm ² conductor cross section) |
| | 51 A (with 10 mm ² conductor cross section) |
| Nominal current I _N | 41 A |
| Nominal voltage U _N | 800 V |
| Maximum load current | 41 A (with 6 mm ² conductor cross section) |
| | 51 A (with 10 mm ² conductor cross section) |
| Open side panel | ja |

Dimensions

| | |
|------------------|----------|
| Width | 8.2 mm |
| End cover width | 2.2 mm |
| Length | 66 mm |
| Height | 48.50 mm |
| Height NS 35/7,5 | 50 mm |
| Height NS 35/15 | 57.5 mm |

Connection data

| | |
|---|---------------------|
| Connection in acc. with standard | IEC 60947-7-1 |
| Connection method | Push-in connection |
| Conductor cross section solid min. | 0.5 mm ² |
| Conductor cross section solid max. | 10 mm ² |
| Conductor cross section AWG min. | 20 |
| Conductor cross section AWG max. | 8 |
| Conductor cross section flexible min. | 0.5 mm ² |
| Conductor cross section flexible max. | 6 mm ² |
| Min. AWG conductor cross section, stranded | 20 |
| Max. AWG conductor cross section, stranded | 10 |
| Conductor cross section flexible, with ferrule without plastic sleeve min. | 0.5 mm ² |
| Conductor cross section stranded, with ferrule without plastic sleeve max. | 6 mm ² |
| Conductor cross section flexible, with ferrule with plastic sleeve min. | 0.5 mm ² |
| Conductor cross section flexible, with ferrule with plastic sleeve max. | 6 mm ² |
| 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min. | 0.5 mm ² |
| 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max. | 1.5 mm ² |

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Technical data

Connection data

| | |
|---------------------------|-------|
| Stripping length | 12 mm |
| Internal cylindrical gage | A5 |

Classifications

eCl@ss

| | |
|------------|----------|
| eCl@ss 4.0 | 27141116 |
| 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 |

ETIM

| | |
|----------|----------|
| ETIM 4.0 | EC000897 |
| ETIM 5.0 | EC000897 |

UNSPSC

| | |
|---------------|----------|
| UNSPSC 6.01 | 30211811 |
| UNSPSC 7.0901 | 39121410 |
| UNSPSC 11 | 39121410 |
| UNSPSC 12.01 | 39121410 |
| UNSPSC 13.2 | 39121410 |

Approvals

Approvals

Approvals

GL / VDE Zeichengenehmigung / IECCEB Scheme / LR / EAC

Ex Approvals


Approvals submitted

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Approvals

Approval details

GL

VDE Zeichengenehmigung 

| mm ² /AWG/kcmil | 0.5-10.0 |
|--------------------------------|----------|
| Nominal current I _N | 41 A |
| Nominal voltage U _N | 800 V |

IECEE CB Scheme 

| mm ² /AWG/kcmil | 0.5-6.0 |
|----------------------------|---------|

LR

EAC

Drawings

Circuit diagram

