

## High-current terminal block - PTPOWER 95 P BU - 3260166

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High-current terminal block, Connection method: Push-in connection, Cross section: 25 mm<sup>2</sup> - 95 mm<sup>2</sup>, AWG: 4 - 3/0, Width: 25 mm, Color: blue, Mounting type: NS 35/15

### Product Features

- ✓ Quick and easy connection is now also possible for large conductors with the high-current terminal block
- ✓ 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 enables wiring in a confined space
- ✓ In addition to using the existing test connection, pick-off terminal blocks can be connected, each of which can also accommodate two test cables
- ✓ Tested for railway applications



### Key commercial data

|                                      |           |
|--------------------------------------|-----------|
| Packing unit                         | 1 pc      |
| Minimum order quantity               | 10 pc     |
| Weight per Piece (excluding packing) | 202.0 GRM |
| Custom tariff number                 | 85369010  |
| Country of origin                    | Poland    |

### Technical data

#### General

|                                         |                        |
|-----------------------------------------|------------------------|
| Number of levels                        | 1                      |
| Number of connections                   | 2                      |
| Color                                   | blue                   |
| Insulating material                     | PA                     |
| Inflammability class according to UL 94 | V0                     |
| Area of application                     | Railway industry       |
|                                         | Mechanical engineering |
|                                         | Plant engineering      |

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## Technical data

### General

|                                  |                                                         |
|----------------------------------|---------------------------------------------------------|
| Maximum load current             | 232 A (with 95 mm <sup>2</sup> conductor cross section) |
| Rated surge voltage              | 8 kV                                                    |
| Pollution degree                 | 3                                                       |
| Surge voltage category           | III                                                     |
| Insulating material group        | I                                                       |
| Connection in acc. with standard | IEC 60947-7-1                                           |
| Maximum load current             | 232 A (with 95 mm <sup>2</sup> conductor cross section) |
| Nominal current I <sub>N</sub>   | 232 A                                                   |
| Nominal voltage U <sub>N</sub>   | 1500 V                                                  |
| Maximum load current             | 232 A (with 95 mm <sup>2</sup> conductor cross section) |
| Open side panel                  | nein                                                    |

### Dimensions

|                 |          |
|-----------------|----------|
| Width           | 25 mm    |
| Length          | 105.5 mm |
| Height NS 35/15 | 108.7 mm |

### Connection data

|                                                                            |                    |
|----------------------------------------------------------------------------|--------------------|
| Connection in acc. with standard                                           | IEC 60947-7-1      |
| Connection method                                                          | Push-in connection |
| Conductor cross section solid min.                                         | 25 mm <sup>2</sup> |
| Conductor cross section solid max.                                         | 95 mm <sup>2</sup> |
| Conductor cross section AWG/kcmil min.                                     | 4                  |
| Conductor cross section AWG/kcmil max                                      | 3/0                |
| Conductor cross section stranded min.                                      | 25 mm <sup>2</sup> |
| Conductor cross section stranded max.                                      | 95 mm <sup>2</sup> |
| Min. AWG conductor cross section, stranded                                 | 4                  |
| Max. AWG conductor cross section, stranded                                 | 4/0                |
| Conductor cross section stranded, with ferrule without plastic sleeve min. | 25 mm <sup>2</sup> |
| Conductor cross section stranded, with ferrule without plastic sleeve max. | 95 mm <sup>2</sup> |
| Conductor cross section stranded, with ferrule with plastic sleeve min.    | 25 mm <sup>2</sup> |
| Conductor cross section stranded, with ferrule with plastic sleeve max.    | 95 mm <sup>2</sup> |
| Cross section with insertion bridge, solid max.                            | 95 mm <sup>2</sup> |
| Cross section with insertion bridge, stranded max.                         | 70 mm <sup>2</sup> |
| Cross section with insertion bridge, solid max.                            | 95 mm <sup>2</sup> |
| Cross section with insertion bridge, stranded max.                         | 70 mm <sup>2</sup> |
| Stripping length                                                           | 40 mm              |

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### Classifications

#### eCl@ss

|            |          |
|------------|----------|
| eCl@ss 4.0 | 27141120 |
| eCl@ss 4.1 | 27141120 |
| eCl@ss 5.0 | 27141120 |
| eCl@ss 5.1 | 27141120 |
| eCl@ss 6.0 | 27141120 |
| eCl@ss 7.0 | 27141120 |

#### ETIM

|          |          |
|----------|----------|
| ETIM 3.0 | EC000897 |
| 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

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##### Approvals

UL Recognized / cUL Recognized / EAC / cULus Recognized

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##### Ex Approvals

IECEX / ATEX / EAC Ex

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##### Approvals submitted

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#### Approval details

## High-current terminal block - PTPOWER 95 P BU - 3260166

### Approvals

|                                                                                                 |        |
|-------------------------------------------------------------------------------------------------|--------|
| UL Recognized  |        |
| mm²/AWG/kcmil                                                                                   | 4-4/0  |
| Nominal current I <sub>N</sub>                                                                  | 230 A  |
| Nominal voltage U <sub>N</sub>                                                                  | 1000 V |

|                                                                                                  |        |
|--------------------------------------------------------------------------------------------------|--------|
| cUL Recognized  |        |
|                                                                                                  | C      |
| mm²/AWG/kcmil                                                                                    | 4-4/0  |
| Nominal current I <sub>N</sub>                                                                   | 230 A  |
| Nominal voltage U <sub>N</sub>                                                                   | 1000 V |

|     |
|-----|
| EAC |
|-----|

|                                                                                                      |
|------------------------------------------------------------------------------------------------------|
| cULus Recognized  |
|------------------------------------------------------------------------------------------------------|

### Drawings

Circuit diagram



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