

## Basic terminal block - PI-TB - 2835943

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Base terminal block for non intrinsically safe signals with knife disconnection and test connections.



### Key Commercial Data

|                                      |          |
|--------------------------------------|----------|
| Packing unit                         | 1 pc     |
| Weight per Piece (excluding packing) | 95.29 g  |
| Custom tariff number                 | 85369010 |
| Country of origin                    | Germany  |

### Technical data

#### Dimensions

|        |         |
|--------|---------|
| Width  | 12.4 mm |
| Height | 145 mm  |
| Depth  | 86.5 mm |

#### Ambient conditions

|                                         |                  |
|-----------------------------------------|------------------|
| Ambient temperature (operation)         | -20 °C ... 60 °C |
| Ambient temperature (storage/transport) | -40 °C ... 85 °C |

#### General

|                                        |       |
|----------------------------------------|-------|
| Nominal voltage $U_N$                  | 250 V |
| Nominal current $I_N$                  | 4 A   |
| Housing insulation material            | PBT   |
| Flammability rating according to UL 94 | V0    |
| Color                                  | gray  |

#### Connection data

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### Technical data

#### Connection data

|                                       |                     |
|---------------------------------------|---------------------|
| Connection method                     | Screw connection    |
| Conductor cross section flexible min. | 0.2 mm <sup>2</sup> |
| Conductor cross section flexible max. | 2.5 mm <sup>2</sup> |
| Conductor cross section solid min.    | 0.2 mm <sup>2</sup> |
| Conductor cross section solid max.    | 2.5 mm <sup>2</sup> |
| Conductor cross section AWG min.      | 24                  |
| Conductor cross section AWG max.      | 14                  |
| Screw thread                          | M3                  |
| Stripping length                      | 12 mm               |
| Conductor cross section flexible min. | 0.2 mm <sup>2</sup> |
| Conductor cross section flexible max. | 2.5 mm <sup>2</sup> |
| Conductor cross section solid min.    | 0.2 mm <sup>2</sup> |
| Conductor cross section solid max.    | 2.5 mm <sup>2</sup> |
| Conductor cross section AWG min.      | 24                  |
| Conductor cross section AWG max.      | 14                  |
| Screw thread                          | M3                  |
| Stripping length                      | 12 mm               |
| Tightening torque, min                | 0.5 Nm              |
| Tightening torque max                 | 0.6 Nm              |

#### Standards and Regulations

|                                        |    |
|----------------------------------------|----|
| Flammability rating according to UL 94 | V0 |
|----------------------------------------|----|

### Classifications

#### eCl@ss

|            |          |
|------------|----------|
| eCl@ss 4.0 | 27141127 |
| eCl@ss 4.1 | 27141127 |
| eCl@ss 5.0 | 27371603 |
| eCl@ss 5.1 | 27371603 |
| eCl@ss 6.0 | 27371603 |
| eCl@ss 7.0 | 27371603 |
| eCl@ss 8.0 | 27371603 |
| eCl@ss 9.0 | 27371603 |

#### ETIM

|          |          |
|----------|----------|
| ETIM 2.0 | EC000764 |
| ETIM 3.0 | EC001456 |

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### Classifications

#### ETIM

|          |          |
|----------|----------|
| ETIM 4.0 | EC001456 |
| ETIM 5.0 | EC001456 |

#### 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

EAC

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Ex Approvals

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Approvals submitted

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#### Approval details

|     |
|-----|
| EAC |
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### Accessories

#### Accessories

#### Bridge

Bridging module - PI-N-BRIDGE - 2835875



Bridging module, for bridging input and output circuit

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### Accessories

Continuous plug-in bridge - FBST 500-PLC RD - 2966786



Continuous plug-in bridge, Length: 500 mm, Color: red

Continuous plug-in bridge - FBST 500-PLC BU - 2966692



Continuous plug-in bridge, Length: 500 mm, Color: blue

Continuous plug-in bridge - FBST 500-PLC GY - 2966838



Continuous plug-in bridge, Length: 500 mm, Color: gray

### Insulating sleeve

Insulating sleeve - MPS-IH RD - 0201676



Insulating sleeve, Color: red

Insulating sleeve - MPS-IH BU - 0201689



Insulating sleeve, Color: blue

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### Accessories

Insulating sleeve - MPS-IH GY - 0201728



Insulating sleeve, Color: gray

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### Labeled terminal marker

Marker for terminal blocks - ZBFM 6/WH,LGS:1-100 - 0800284



Marker for terminal blocks, Sheet, white, labeled, Printed horizontally: Consecutive numbers from 1 - 100, Mounting type: Snap into flat marker groove, for terminal block width: 6.2 mm, Lettering field: 5 x 5.5 mm

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Flat zack marker sheet - ZBFM 6/WH,LGS:FORTL.ZAHLEN - 0803621



Flat zack marker sheet, Sheet, white, labeled, Printed horizontally: Consecutive numbers from 1 - 10, 11 - 20, etc. up to 91 - 100, Mounting type: Snap into flat marker groove, for terminal block width: 6.2 mm, Lettering field: 5 x 5.5 mm

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### Partition plate

Separating plate - PI-ATP - 2835969



Separating plate, 2 mm thick, black, required at the start and end of a PI terminal strip where continuous bridges are used.

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### Screwdriver tools

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### Accessories

Screwdriver - SZG 0,6X3,5 VDE - 1205121



Screwdriver, slot-headed, graded, for test socket screws, size: 0.6 x 3.5 x 100 mm, 2-component grip, with non-slip grip

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### Terminal marking

Flat zack marker sheet - ZBFM 6/WH:UNBEDRUCKT - 0803618

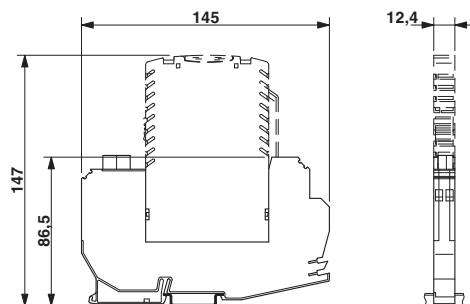


Flat zack marker sheet, Sheet, white, unlabeled, can be labeled with: Plotter, Mounting type: Snap into flat marker groove, for terminal block width: 6.2 mm, Lettering field: 5 x 5.5 mm

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### Drawings

Dimensional drawing





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