

# Basic terminal block - PI-TB

2835943

<https://www.phoenixcontact.com/us/products/2835943>



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

## Commercial Data

Item number	2835943
Packing unit	1 pc
Minimum order quantity	1 pc
Note	Made to Order (non-returnable)
Sales Key	C03
Product Key	CK38ZZ
Catalog Page	Page 467 (IF-2009)
GTIN	4017918911812
Weight per Piece (including packing)	95.29 g
Weight per Piece (excluding packing)	92.75 g
Customs tariff number	85369010
Country of origin	DE

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## Technical Data

### Product properties

Product type	Module carrier
Application	Base element

### Electrical properties

Nominal voltage $U_N$	250 V
Nominal current $I_N$	4 A

### Dimensions

Dimensional drawing	
Width	12.4 mm
Height	145 mm
Depth	86.5 mm
Depth NS 35/7,5	147 mm (with NS 35/7.5 coupling connector)

### Material specifications

Flammability rating according to UL 94	V0
Housing insulation material	PBT

### Environmental and real-life conditions

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

### Mounting

Mounting type	DIN rail mounting
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# Basic terminal block - PI-TB

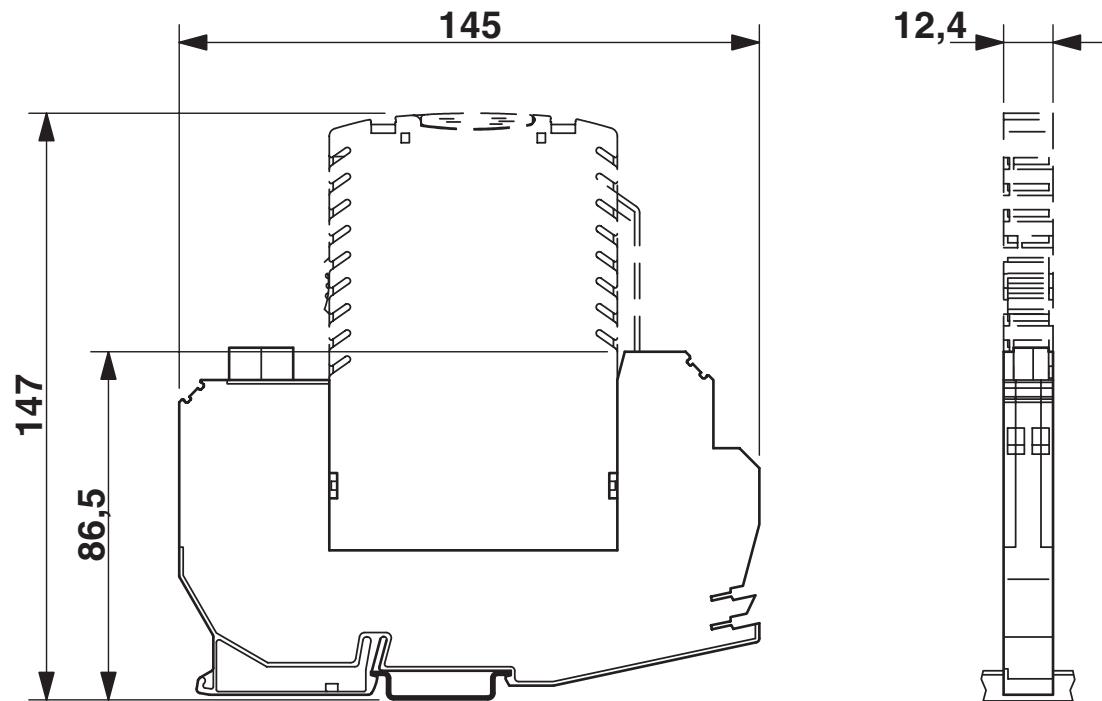
2835943

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## Drawings

Dimensional drawing



# Basic terminal block - PI-TB

2835943

<https://www.phoenixcontact.com/us/products/2835943>



## Approvals



**EAC**

Approval ID: RU\*DE.\*09.B.00387/20

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2835943

<https://www.phoenixcontact.com/us/products/2835943>



## Classifications

### ECLASS

ECLASS-9.0	27141152
ECLASS-10.0.1	27141152
ECLASS-11.0	27141152

### ETIM

ETIM 8.0	EC002780
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### UNSPSC

UNSPSC 21.0	39121400
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2835943

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## Environmental Product Compliance

REACH SVHC

Lead 7439-92-1

China RoHS

Environmentally Friendly Use Period = 50 years

For information on hazardous substances, refer to the manufacturer's declaration available under "Downloads"

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2835943

<https://www.phoenixcontact.com/us/products/2835943>



## Accessories

 Note: Applying some accessories below might limit this product.

### Continuous plug-in bridge

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

<https://www.phoenixcontact.com/us/products/2966786>



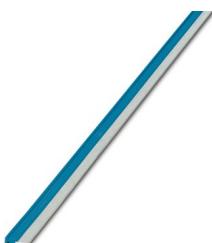
Continuous plug-in bridge, color: red

 Max. current carrying capacity: 32 A

### Continuous plug-in bridge

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

<https://www.phoenixcontact.com/us/products/2966692>



Continuous plug-in bridge, color: blue

 Max. current carrying capacity: 32 A

# Basic terminal block - PI-TB

2835943

<https://www.phoenixcontact.com/us/products/2835943>



## Continuous plug-in bridge

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

<https://www.phoenixcontact.com/us/products/2966838>



Continuous plug-in bridge, color: gray

Max. current carrying capacity: 32 A

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## Bridging module

Bridging module - PI-N-BRIDGE - 2835875

<https://www.phoenixcontact.com/us/products/2835875>



Bridging module, for bridging input and output circuit

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2835943

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## Insulating sleeve

Insulating sleeve - MPS-IH RD - 0201676

<https://www.phoenixcontact.com/us/products/0201676>

Insulating sleeve, color: red



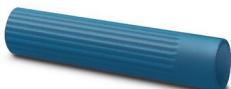
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## Insulating sleeve

Insulating sleeve - MPS-IH BU - 0201689

<https://www.phoenixcontact.com/us/products/0201689>

Insulating sleeve, color: blue



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2835943

<https://www.phoenixcontact.com/us/products/2835943>



## Insulating sleeve

Insulating sleeve - MPS-IH GY - 0201728

<https://www.phoenixcontact.com/us/products/0201728>

Insulating sleeve, color: gray



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## Screwdriver

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

<https://www.phoenixcontact.com/us/products/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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2835943

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## Separating plate

Separating plate - PI-ATP - 2835969

<https://www.phoenixcontact.com/us/products/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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## Flat zack marker sheet

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

<https://www.phoenixcontact.com/us/products/0803618>

Flat zack marker sheet, Sheet, white, unlabeled, can be labeled with: CMS-P1-PLOTTER, PLOTMARK, mounting type: snapped, for terminal block width: 6.2 mm, lettering field size: 5 x 5.5 mm, Number of individual labels: 100



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2835943

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## Zack marker strip

Zack marker strip - ZBFM 6/WH,LGS:1-100 - 0800284

<https://www.phoenixcontact.com/us/products/0800284>

Zack marker strip, Sheet, white, labeled, printed horizontally: consecutive numbers from 1 ... 100, mounting type: snapped, for terminal block width: 6.2 mm, lettering field size: 5 x 5.5 mm, Number of individual labels: 100



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## Flat zack marker sheet

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

<https://www.phoenixcontact.com/us/products/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 size: 5 x 5.5 mm, Number of individual labels: 100



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