

# PI-TB - Basic terminal block



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
Sales key	C430
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

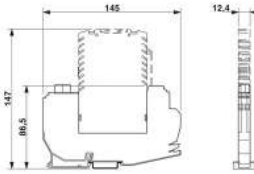
### Product properties

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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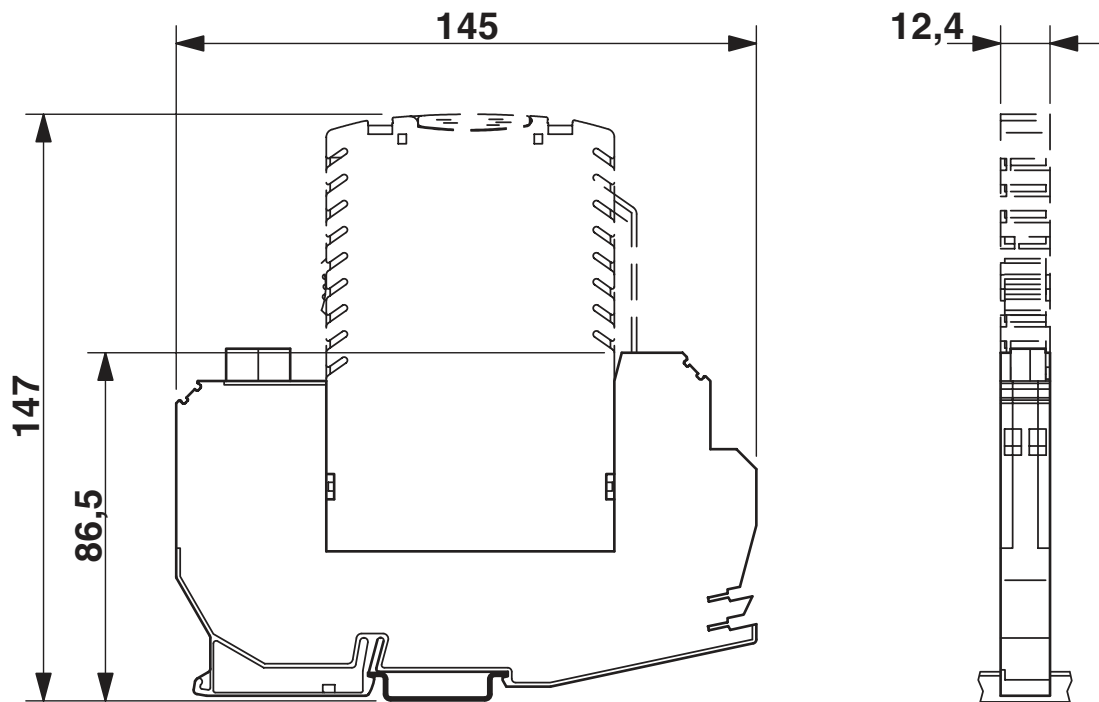
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## Drawings

Dimensional drawing



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## Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/2835943>



**EAC**

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

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## Classifications

### ECLASS

ECLASS-11.0	27141152
ECLASS-12.0	27141152

### ETIM

ETIM 8.0	EC002780
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### UNSPSC

UNSPSC 21.0	39121400
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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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## Accessories

**i** Note: Applying some accessories below might limit this product.

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

2966786

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



Continuous plug-in bridge, length: 500 mm, color: red

**i** Max. current carrying capacity: 32 A

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

2966692

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



Continuous plug-in bridge, length: 500 mm, color: blue

**i** Max. current carrying capacity: 32 A

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

2966838

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



Continuous plug-in bridge, length: 500 mm, color: gray

 Max. current carrying capacity: 32 A

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## PI-N-BRIDGE - Bridging module

2835875

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



Bridging module, for bridging input and output circuit



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## MPS-IH RD - Insulating sleeve

0201676

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

Insulating sleeve, color: red



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## MPS-IH BU - Insulating sleeve

0201689

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

Insulating sleeve, color: blue



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## MPS-IH GY - Insulating sleeve

0201728

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

Insulating sleeve, color: gray



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

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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## PI-ATP - Separating plate

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

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

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

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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