

PI-EX-TB/T - Basic terminal block

2835927

<https://www.phoenixcontact.com/pc/products/2835927>



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Ex-basic terminal block, with knife disconnection and integrated temperature measurement of the input terminal blocks for cold point compensation

Commercial data

Item number	2835927
Packing unit	10 pc
Minimum order quantity	1 pc
Product key	CK38ZZ
Catalog page	Page 467 (IF-2009)
GTIN	4017918911805
Weight per piece (including packing)	100.23 g
Weight per piece (excluding packing)	89.604 g
Customs tariff number	85366990
Country of origin	DE

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Technical data

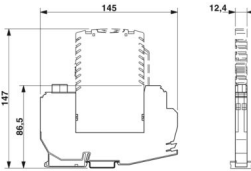
Product properties

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

Color	gray (RAL 7042)
Flammability rating according to UL 94	V0
Housing insulation material	PBT

Environmental and real-life conditions

Ambient conditions

Degree of protection	IP20
Ambient temperature (operation)	-20 °C ... 60 °C
Ambient temperature (storage/transport)	-40 °C ... 85 °C

Approvals

CE

Certificate	CE-compliant
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ATEX

Identification	Ⓔ II (1) G [Ex ia Ga] IIC Ⓔ II (1) D [Ex ia Da] IIIC Ⓔ II 3 G Ex nA IIC T4 Gc
Certificate	PxCIF08ATEX2835901X

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EAC Ex

Identification	Ex [Ex ia Ga] IIC
Certificate	RU C-DE.AB72.B.00097/19

Mounting

Mounting type	DIN rail mounting
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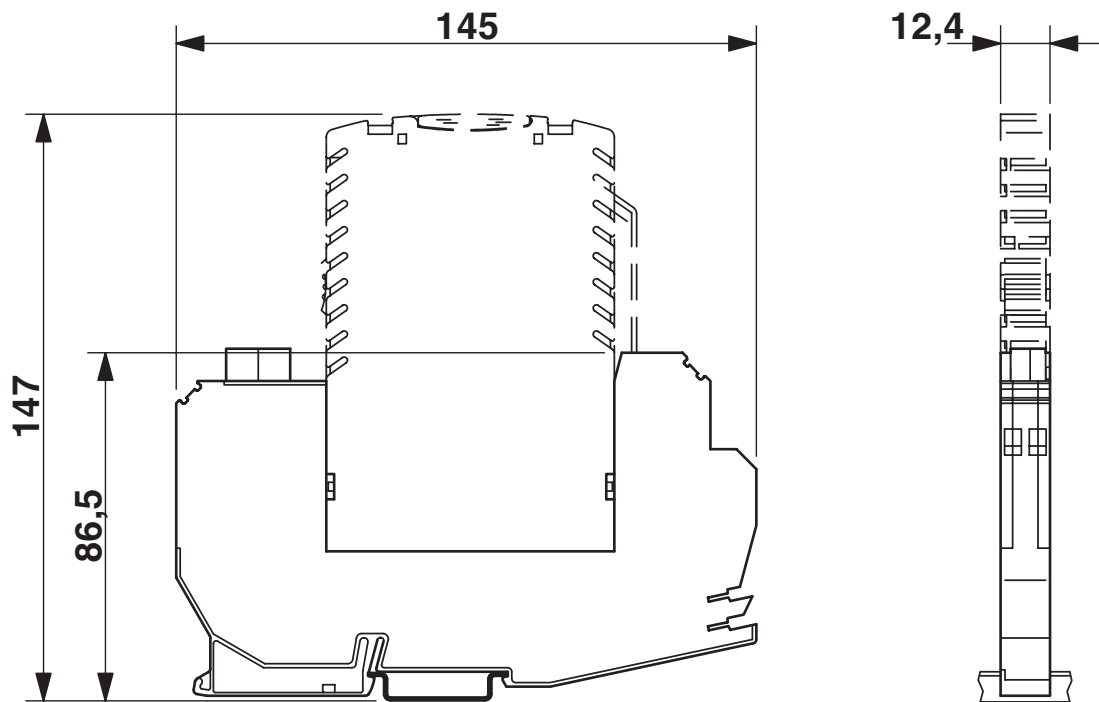
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Drawings

Dimensional drawing



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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

EU RoHS	
Fulfills EU RoHS substance requirements	Yes
Exemption	6(c), 7(c)-I
China RoHS	
Environment friendly use period (EFUP)	EFUP-50
	An article-related China RoHS declaration table can be found in the download area for the respective article under "Manufacturer declaration". For all articles with EFUP-E, no China RoHS declaration table issued and required.
EU REACH SVHC	
REACH candidate substance (CAS No.)	Lead(CAS: 7439-92-1)

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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/pc/products/2966786>



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

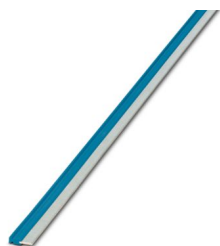
i Max. current carrying capacity: 32 A

maximum

FBST 500-PLC BU - Continuous plug-in bridge

2966692

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



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

i Max. current carrying capacity: 32 A

maximum

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FBST 500-PLC GY - Continuous plug-in bridge

2966838

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



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

 Max. current carrying capacity: 32 A

maximum

MPS-IH RD - Insulating sleeve

0201676

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

Insulating sleeve, color: red



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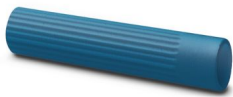


MPS-IH BU - Insulating sleeve

0201689

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

Insulating sleeve, color: blue



MPS-IH GY - Insulating sleeve

0201728

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Insulating sleeve, color: gray



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SZG 0,6X3,5 VDE - Screwdriver

1205121

<https://www.phoenixcontact.com/pc/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

ZBFM 6/WH:UNBEDRUCKT - Flat zack marker sheet

0803618

<https://www.phoenixcontact.com/pc/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/pc/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



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

0803621

<https://www.phoenixcontact.com/pc/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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PI-ATP - Separating plate

2835969

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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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