PHŒNIX CONTACT

Basic terminal block - PI-EX-TB - 2835901

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Ex base terminal block for intrinsically safe signals with knife disconnection and test connections

RoHS

Key Commercial Data

Packing unit	1 pc
Minimum order quantity	10 pc
GTIN	
GTIN	4017918911799
Weight per Piece (excluding packing)	98.700 g
Custom tariff number	85366990
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

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Technical data

General

Housing insulation material	PBT
Color	gray
Conformance	CE-compliant
ATEX	# II (1) G [Ex ia] IIC
	# II (1) D [Ex iaD]
	# II 3 G Ex nA II T4 X
UL, USA/Canada	Class I, Div. 2, Groups A, B, C, D

Standards and Regulations

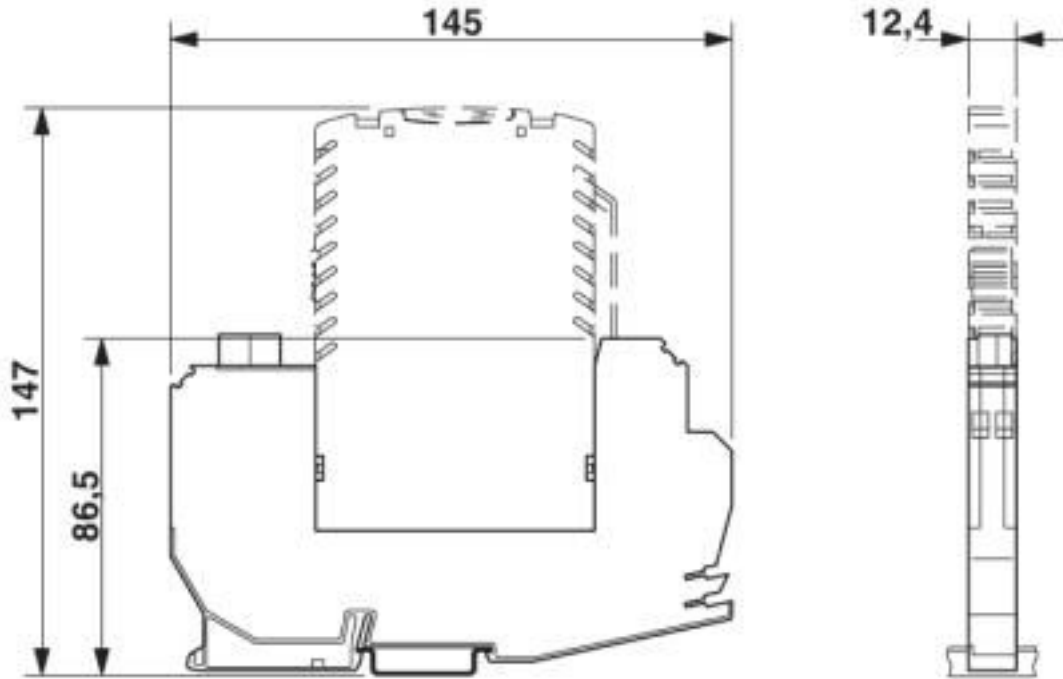| Conformance	CE-compliant
ATEX	# II (1) G [Ex ia] IIC
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UL, USA/Canada	Class I, Div. 2, Groups A, B, C, D

Environmental Product Compliance

REACh SVHC	Lead 7439-92-1
China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

Drawings

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Dimensional drawing

Classifications

eCl@ss

eCl@ss 10.0.1	27141152
eCl@ss 4.0	27141100
eCl@ss 4.1	27141100
eCl@ss 5.0	27371600
eCl@ss 5.1	27371600
eCl@ss 6.0	27371600
eCl@ss 7.0	27141152
eCl@ss 8.0	27141152
eCl@ss 9.0	27141152

ETIM

ETIM 4.0	EC002780
ETIM 5.0	EC002780
ETIM 6.0	EC002780
ETIM 7.0	EC002780

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Classifications

UNSPSC

UNSPSC 6.01	30211811
UNSPSC 7.0901	39121410
UNSPSC 11	39121410
UNSPSC 12.01	39121410
UNSPSC 13.2	39121432
UNSPSC 18.0	39121432
UNSPSC 19.0	39121432
UNSPSC 20.0	39121432
UNSPSC 21.0	39121432

Accessories

Accessories

Bridge

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

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Insulating sleeve - MPS-IH RD - 0201676

Insulating sleeve, color: red

Insulating sleeve - MPS-IH BU - 0201689

Insulating sleeve, color: blue

Insulating sleeve - MPS-IH GY - 0201728

Insulating sleeve, color: gray

Labeled terminal marker

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

Zack marker strip, 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 size: 5 x 5.5 mm, Number of individual labels: 100

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 size: 5 x 5.5 mm, Number of individual labels: 100

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Accessories

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.

Screwdriver tools

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

Terminal marking

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

Flat zack marker sheet, Sheet, white, unlabeled, can be labeled with: CMS-P1-PLOTTER, PLOTMARK, 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