

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



Key Commercial Data

Packing unit	10 pc
GTIN	 4 017918 911799
Weight per Piece (excluding packing)	103.41 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
Inflammability class according to UL 94	V0
Color	gray
Conformance	CE-compliant
ATEX	# II (1) G [Ex ia] IIC

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Technical data

General

	# 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

Connection data

Connection method	Screw connection
Conductor cross section flexible min.	0.2 mm ²
Conductor cross section flexible max.	2.5 mm ²
Conductor cross section solid min.	0.2 mm ²
Conductor cross section solid max.	2.5 mm ²
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 ²
Conductor cross section flexible max.	2.5 mm ²
Conductor cross section solid min.	0.2 mm ²
Conductor cross section solid max.	2.5 mm ²
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

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

ETIM

ETIM 2.0	EC000764
ETIM 3.0	EC001456
ETIM 4.0	EC001456
ETIM 5.0	EC001456

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Classifications

UNSPSC

UNSPSC 6.01	30211811
UNSPSC 7.0901	39121410
UNSPSC 11	39121410
UNSPSC 12.01	39121410
UNSPSC 13.2	39121410

Approvals

Approvals

Approvals

EAC

Ex Approvals

ATEX / EAC Ex

Approvals submitted

Approval details

EAC

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

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Accessories

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

Insulating sleeve - MPS-IH GY - 0201728



Insulating sleeve, Color: gray

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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Accessories

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

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

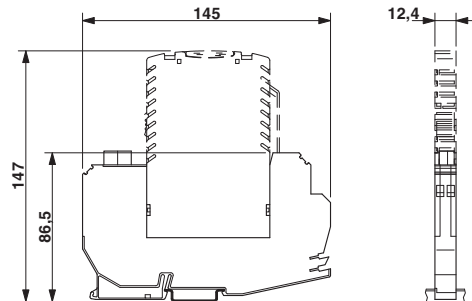


Flat zack marker sheet, Sheet, white, unlabeled, can be labeled with: Plotter, Mounting type: Snap into flat marker groove, for terminal block width: 6.2 mm, Lettering field: 5 x 5.5 mm

Drawings

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Dimensional drawing



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