

PI-EX-TB


Order No.: 2835901



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



Commercial data	
EAN	 4 017918 911799
sales group	H780
Pack	10 Pcs.
Customs tariff	85369010
Gross weight in pieces	0.10716 KG
Net weight per piece	0.10341 KG
Catalog page information	Page 467 (IF-2009)

Product notes

WEEE/RoHS-compliant since:
08/24/2006



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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	Ex II (1) G [Ex ia] IIC Ex II (1) D [Ex iaD] Ex 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 stranded min.	0.2 mm ²
Conductor cross section stranded 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/kcmil min.	24
Conductor cross section AWG/kcmil max	14
Screw thread	M3
Stripping length	12 mm
Conductor cross section stranded min.	0.2 mm ²
Conductor cross section stranded 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/kcmil min.	24
Conductor cross section AWG/kcmil max	14
Screw thread	M3
Stripping length	12 mm
Tightening torque, min	0.5 Nm
Tightening torque max	0.6 Nm

Certificates / Approvals



Certification GOST

Certification Ex: ATEX

Certifications applied for:

Accessories

Item Designation Description

Assembly

2835969	PI-ATP	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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Bridges

2966692	FBST 500-PLC BU	Continuous plug-in bridge, Length: 500 mm, Color: blue
2966838	FBST 500-PLC GY	Continuous plug-in bridge, Length: 500 mm, Color: gray
2966786	FBST 500-PLC RD	Continuous plug-in bridge, Length: 500 mm, Color: red

Connector/Adapter

0201689	MPS-IH BU	Insulating sleeve, Color: blue
0201728	MPS-IH GY	Insulating sleeve, Color: gray
0201676	MPS-IH RD	Insulating sleeve, Color: red

Marking

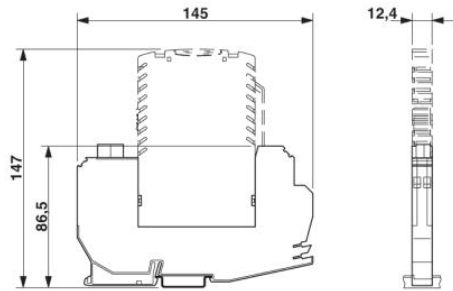
0800284	ZBFM 6/WH,LGS:1-100	Marker for terminal blocks, Sheet, white, labeled, Printed horizontally: Consecutive numbers from 1 - 100, Mounting type: Snap into flat marker groove, for terminal block width: 6.2 mm, Lettering field: 5 x 5.5 mm
0803621	ZBFM 6/WH,LGS:FORTL.ZAHLEN	Flat zack marker sheet, 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
0803618	ZBFM 6/WH:UNBEDRUCKT	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

Tools

1205121	SZG 0,6X3,5 VDE	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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Drawings

Dimensioned drawing



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