

PI-EX-TB


Order No.: 2835901



<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=2835901>


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



Commercial data	
GTIN (EAN)	 4 017918 911799
sales group	H780
Pack	10 pcs.
Customs tariff	85369010
Catalog page information	Page 467 (IF-2009)

Product notes

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



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Technical data	
General data	
Nominal voltage U_N	250 V
Nominal current I_N	4 A
Width	12.4 mm

Height	145 mm
Depth	86.5 mm
Housing insulation material	PBT
Inflammability class acc. 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
Ambient temperature (operation)	-20 °C ... 60 °C
Ambient temperature (storage/transport)	-40 °C ... 85 °C

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:	KEMA-EX, PxC-EX

Accessories

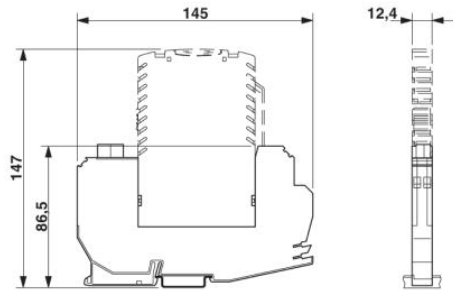
Item	Designation	Description
Assembly		
2835969	PI-ATP	Separating plate, 2 mm thick, black, required at the start and end of a PI terminal strip where continuous bridges are used.
Bridges		
2966692	FBST 500-PLC BU	Continuous plug-in bridge, Length: 500 mm, Color: blue
2966838	FBST 500-PLC GY	Continuous plug-in bridge, Length: 500 mm, Color: gray
2966786	FBST 500-PLC RD	Continuous plug-in bridge, Length: 500 mm, Color: red
Marking		
0800284	ZBFM 6/WH,LGS:1-100	Zack strip, flat, 100-section, labeled horizontally with consecutive numbers from 1-100, for all terminal blocks, pitch 6.2 mm, color: white
0803621	ZBFM 6/WH,LGS:FORTL.ZAHLEN	Zack strip, flat, 100-section, labeled horizontally with consecutive numbers from 1-10, 11-20 etc. up to 91-100, 10 identically marked strips per flat Zack strip, for all terminal blocks, pitch 6.2 mm, color: white
0803618	ZBFM 6/WH:UNBEDRUCKT	Zack marker sheet, flat, unprinted: 100-section, 10 strips à 10 markers, sufficient for 100 terminal blocks, for all terminal blocks, pitch 6.2 mm, labeling with M-PEN or CMS system, color: white
0803650	ZBFM 6:SO/CMS	Special printing, Zack marker sheet, flat, 100-section, divisible, marking according to customer requirements
Plug/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

Tools

1205121	SZG 0,6X3,5 VDE	Screwdriver, bladed, 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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Diagrams/Drawings

Dimensioned drawing



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