

PI-EX-TB/T

Order No.: 2835927



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



Commercial data	
EAN	4017918911805
Note	Made-to-order
Pack	10
Customs tariff	85369010
Weight/Piece	89.60 g
Country of Origin	DE
Catalog page information	Page 467 (IF-2009)

Product notes

WEEE/RoHS-compliant since:
02/04/2007



Please note that the data given here has been taken from the online catalog. For comprehensive information and data, please refer to the user documentation at <http://www.download.phoenixcontact.com>. The General Terms and Conditions of Use apply to Internet downloads.

Technical data	
General data	
Nominal voltage U_N	250 V
Nominal current I_N	4 A
Width	12.4 mm
Height	86.5 mm
Depth	145 mm

Height with coupling plug NS 35/7.5	147 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
Ambient temperature (operation)	-20 °C ... 60 °C
Ambient temperature (storage/transport)	-40 °C ... 85 °C

Connection data

Type of connection	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



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
---------	-----------	--------------------------------

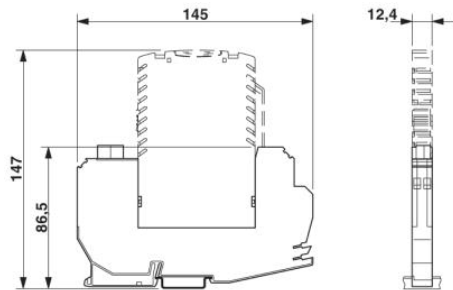
0201676	MPS-IH RD	Insulating sleeve, Color: red
---------	-----------	-------------------------------

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
---------	-----------------	---

Drawings

Dimensioned drawing



Address

PHOENIX CONTACT Ltd
Halesfield 13
Telford / Shropshire / TF7 4PG,England
Phone 01952 681 700
Fax 01952 681 799
<http://www.phoenixcontact.co.uk>



Phoenix Contact Ltd.
Technical modifications reserved;
