

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

package_quantity	10
GTIN	4017918911799

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
ATEX	# II (1) D [Ex iaD]
ATEX	# 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

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Technical data

Connection data

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

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

UNSPSC

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

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approvals

ATEX / GOST /

Approval details

ATEX	
Nominal voltage UN	
Nominal current IN	
mm ² /AWG/kcmil	4

GOST	
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accessories

Insulating sleeve

MPS-IH RD - 0201676



MPS-IH BU - 0201689



MPS-IH GY - 0201728



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accessories

Screwdriver tools

SZG 0,6X3,5 VDE - 1205121



Terminal marking

ZBFM 6/WH:UNBEDRUCKT - 0803618



Labeled terminal marker

ZBFM 6/WH,LGS:1-100 - 0800284



ZBFM 6/WH,LGS:FORTL.ZAHLEN - 0803621



Bridge

FBST 500-PLC RD - 2966786



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accessories

FBST 500-PLC BU - 2966692



FBST 500-PLC GY - 2966838



accessories

ZBFM 6:SO/CMS - 0803650



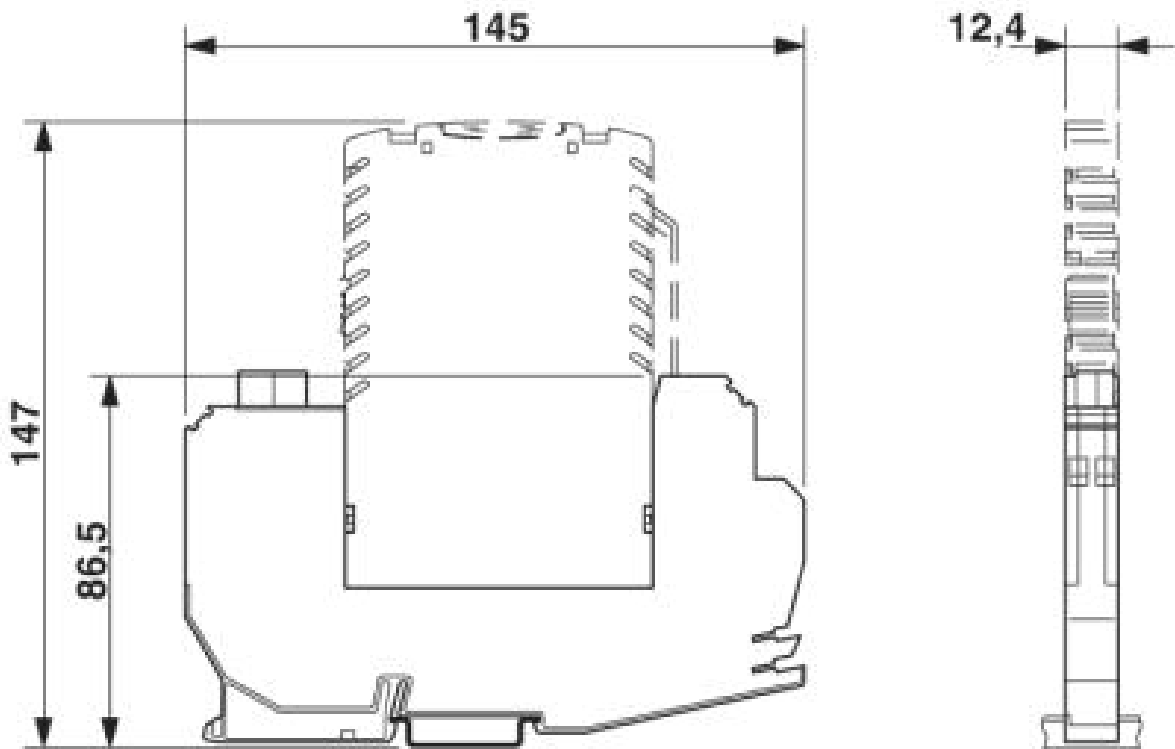
PI-ATP - 2835969



Drawings

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Dimensioned drawing



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