

Feed-through terminal block - PT 16 N BU - 3212142

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Feed-through terminal block, Connection method: Push-in connection, Cross section: 0.5 mm² - 25 mm², AWG: 20 - 4, Width: 12.2 mm, Color: blue, Mounting type: NS 35/7,5, NS 35/15

The illustration shows the gray version

Why buy this product

- The Push-in connection terminal blocks are characterized by the system features of the CLIPLINE complete system and by easy and tool-free wiring of conductors with ferrules or solid conductors
- The compact design and front connection enable wiring in a confined space
- In addition to the testing facility in the double function shaft, all terminal blocks provide an additional test connection
- Tested for railway applications

Key Commercial Data

Packing unit	50 STK
GTIN	 4 046356 494830
Weight per Piece (excluding packing)	31.08 g
Weight per piece (including packing)	31.08 g
Country of origin	Poland

Technical data

General

Number of levels	1
Number of connections	2
Potentials	1
Nominal cross section	16 mm ²
Color	blue
Insulating material	PA
Flammability rating according to UL 94	V0
Area of application	Railway industry
	Machine building
	Plant engineering
Rated surge voltage	8 kV
Degree of pollution	3

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Technical data

General

Overvoltage category	III
Insulating material group	I
Maximum load current	85 A (with 25 mm ² conductor cross section)
Nominal current I _N	76 A
Nominal voltage U _N	1000 V
Open side panel	Yes

Dimensions

Width	12.2 mm
End cover width	2.2 mm
Length	75.4 mm
Height NS 35/7,5	52.6 mm
Height NS 35/15	60.1 mm

Connection data

Connection method	Push-in connection
Connection in acc. with standard	IEC 60947-7-1
Conductor cross section solid min.	0.5 mm ²
Conductor cross section solid max.	25 mm ²
Conductor cross section AWG min.	20
Conductor cross section AWG max.	4
Conductor cross section flexible min.	0.5 mm ²
Conductor cross section flexible max.	16 mm ²
Min. AWG conductor cross section, flexible	20
Max. AWG conductor cross section, flexible	6
Conductor cross section flexible, with ferrule without plastic sleeve min.	0.5 mm ²
Conductor cross section flexible, with ferrule without plastic sleeve max.	16 mm ²
Conductor cross section flexible, with ferrule with plastic sleeve min.	0.5 mm ²
Conductor cross section flexible, with ferrule with plastic sleeve max.	16 mm ²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.	1.5 mm ²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	4 mm ²
Stripping length	18 mm
Internal cylindrical gage	A7

Standards and Regulations

Connection in acc. with standard	IEC 60947-7-1
Flammability rating according to UL 94	V0

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Classifications

eCl@ss

eCl@ss 4.0	27141120
eCl@ss 4.1	27141120
eCl@ss 5.0	27141120
eCl@ss 5.1	27141120
eCl@ss 6.0	27141120
eCl@ss 7.0	27141120
eCl@ss 8.0	27141120
eCl@ss 9.0	27141120

ETIM

ETIM 2.0	EC000897
ETIM 3.0	EC000897
ETIM 4.0	EC000897
ETIM 5.0	EC000897

UNSPSC

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

Approvals

Approvals

Approvals

VDE Zeichengenehmigung / IECCEB Scheme / UL Recognized / cUL Recognized / EAC / CSA / EAC / BV / LR / cULus Recognized

Ex Approvals

ATEX

Approvals submitted

Approval details

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Approvals

VDE Zeichengenehmigung 	
mm²/AWG/kcmil	0.5-16
Nominal current I _N	76 A
Nominal voltage U _N	1000 V

IECEE CB Scheme 	
mm²/AWG/kcmil	0.5-16
Nominal current I _N	76 A
Nominal voltage U _N	1000 V

UL Recognized 		
	B	C
mm²/AWG/kcmil	20-4	20-4
Nominal current I _N	85 A	85 A
Nominal voltage U _N	600 V	600 V

cUL Recognized 		
	B	C
mm²/AWG/kcmil	20-4	20-4
Nominal current I _N	85 A	85 A
Nominal voltage U _N	600 V	600 V

EAC

CSA 		
	B	C
mm²/AWG/kcmil	20-4	20-4
Nominal current I _N	70 A	70 A
Nominal voltage U _N	600 V	600 V

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Approvals

EAC

BV

LR

cULus Recognized 

Drawings

Circuit diagram



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