

Installation terminal block - PTI 6 BU - 3213973

Please be informed that the data shown in this PDF Document is generated from our Online Catalog. Please find the complete data in the user's documentation. Our General Terms of Use for Downloads are valid (<http://phoenixcontact.com/download>)



Installation terminal block, Push-in connection, Cross section: 0.5 mm² - 10 mm², AWG: 20 - 8, Width: 8.2 mm, Color: blue, Mounting type: NS 35/7,5, NS 35/15

Product Features

- ✓ Compatible with all Phoenix Contact installation terminal blocks
- ✓ As well as the testing facility in the function shaft, each terminal point has a test contact
- ✓ Each terminal point can be clearly labeled and easily recognized in every terminal block mounting position
- ✓ Compact design tailored to installation distributors
- ✓ The new Push-in connection technology enables easy, direct insertion of solid and stranded conductors with ferrules with a cross section of 0.34 mm² or higher
- ✓



Key commercial data

Packing unit	1 pc
Minimum order quantity	50 pc
Custom tariff number	85369010
Country of origin	Germany

Technical data

General

Number of levels	1
Number of connections	2
Color	blue
Insulating material	PA
Inflammability class according to UL 94	V0
Maximum load current	41 A (with 6 mm ² conductor cross section) 51 A (with 10 mm ² conductor cross section)
Rated surge voltage	6 kV

Installation terminal block - PTI 6 BU - 3213973

Technical data

General

Pollution degree	3
Surge voltage category	III
Insulating material group	I
Connection in acc. with standard	IEC 60947-7-1
Maximum load current	41 A (with 6 mm ² conductor cross section)
	51 A (with 10 mm ² conductor cross section)
Nominal current I _N	41 A
Nominal voltage U _N	800 V
Maximum load current	41 A (with 6 mm ² conductor cross section)
	51 A (with 10 mm ² conductor cross section)
Open side panel	ja

Dimensions

Width	8.2 mm
End cover width	2.2 mm
Length	66 mm
Height	48.50 mm
Height NS 35/7,5	50 mm
Height NS 35/15	57.5 mm

Connection data

Connection in acc. with standard	IEC 60947-7-1
Connection method	Push-in connection
Conductor cross section solid min.	0.5 mm ²
Conductor cross section solid max.	10 mm ²
Conductor cross section AWG min.	20
Conductor cross section AWG max.	8
Conductor cross section flexible min.	0.5 mm ²
Conductor cross section flexible max.	6 mm ²
Min. AWG conductor cross section, stranded	20
Max. AWG conductor cross section, stranded	10
Conductor cross section flexible, with ferrule without plastic sleeve min.	0.5 mm ²
Conductor cross section stranded, with ferrule without plastic sleeve max.	6 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.	6 mm ²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.	0.5 mm ²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	1.5 mm ²

Installation terminal block - PTI 6 BU - 3213973

Technical data

Connection data

Stripping length	12 mm
Internal cylindrical gage	A5

Classifications

eCl@ss

eCl@ss 4.0	27141116
eCl@ss 4.1	27141121
eCl@ss 5.0	27141120
eCl@ss 5.1	27141120
eCl@ss 6.0	27141120
eCl@ss 7.0	27141120

ETIM

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

GL / VDE Zeichengenehmigung / IECCEB Scheme / LR / EAC

Ex Approvals

Approvals submitted

Installation terminal block - PTI 6 BU - 3213973

Approvals

Approval details

GL

VDE Zeichengenehmigung 	
mm ² /AWG/kcmil	0.5-10.0
Nominal current I _N	41 A
Nominal voltage U _N	800 V

IECEE CB Scheme 	
mm ² /AWG/kcmil	0.5-6.0

LR

EAC

Drawings

Circuit diagram

