

Bolt connection terminal block - RBO 10 BU - 3244616

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>)



Bolt connection terminal block, Connection method: Bolt connection, Number of positions: 1, Cross section: 6 mm² - 150 mm², AWG: 10 - 300, Width: 41 mm, Color: blue, Mounting type: NS 35/7,5, NS 35/15

Product Features

- Tested for railway applications



Key commercial data

Packing unit	1 pc
Minimum order quantity	5 pc
Custom tariff number	85369010
Country of origin	China

Technical data

General

Number of levels	1
Number of connections	2
Color	blue
Insulating material	PA
Inflammability class according to UL 94	V0
Area of application	Railway industry
	Mechanical engineering
	Plant engineering
Maximum load current	309 A (with 150 mm ² conductor cross section)
Rated surge voltage	8 kV
Pollution degree	3
Surge voltage category	III
Insulating material group	I

Bolt connection terminal block - RBO 10 BU - 3244616

Technical data

General

Connection in acc. with standard	IEC 60947-7-1
Maximum load current (lower level)	309 A (with 150 mm ² conductor cross section)
Nominal current I _N (lower level)	309 A
Nominal voltage U _N	1000 V
Maximum load current (upper level)	309 A (with 150 mm ² conductor cross section)
Open side panel	nein
Number of positions	1

Dimensions

Width	41 mm
Length	144 mm
Height NS 35/7,5	77 mm
Height NS 35/15	84.5 mm

Connection data

Note	Connection bolts
Connection in acc. with standard	IEC 60947-7-1
Connection method	Bolt connection
Conductor cross section solid min.	6 mm ²
Conductor cross section solid max.	150 mm ²
Conductor cross section AWG/kcmil min.	10
Conductor cross section AWG/kcmil max	300
Conductor cross section stranded min.	6 mm ²
Conductor cross section stranded max.	150 mm ²
Min. AWG conductor cross section, stranded	10
Max. AWG conductor cross section, stranded	300
Min. cross section for cable lug connection	6 mm ²
Max. cross section for cable lug connection	150 mm ²
Screw thread	M10
Tightening torque, min	10 Nm
Tightening torque max	20 Nm

Classifications

eCl@ss

eCl@ss 4.0	27141120
eCl@ss 4.1	27141120
eCl@ss 5.0	27141120

Bolt connection terminal block - RBO 10 BU - 3244616

Classifications

eCl@ss

eCl@ss 5.1	27141120
eCl@ss 6.0	27141120
eCl@ss 7.0	27141120
eCl@ss 8.0	27141120

ETIM

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


UL Recognized / GOST / CSA

Ex Approvals

IECEX / ATEX

Approvals submitted

Approval details

UL Recognized 			
		B	C
mm ² /AWG/kcmil	10-350	10-350	10-350

Bolt connection terminal block - RBO 10 BU - 3244616

Approvals

		B	C
Nominal current IN	310 A	310 A	310 A
Nominal voltage UN	1000 V	600 V	600 V



	B	C
mm ² /AWG/kcmil	10-350	10-350
Nominal current IN	310 A	310 A
Nominal voltage UN	600 V	1000 V

Drawings

Circuit diagram

