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Bolt connection terminal block - RBO 8 BU - 3213136

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Bolt connection terminal block, Connection method: Bolt connection, Number of positions: 1, Cross section: 6 mm² - 70 mm², AWG: 8 - 2/0, Width: 29 mm, Height: 66 mm, Color: blue, Mounting type: NS 35/7,5, NS 35/15

Why buy this product

- Mounting on standard DIN rails or directly in control boxes
- Tested for railway applications



Key Commercial Data

Packing unit	5 STK
GTIN	 4 046356 719230

Technical data

General

Number of levels	1
Number of connections	2
Nominal cross section	70 mm ²
Color	blue
Insulating material	PA
Flammability rating according to UL 94	V0
Area of application	Railway industry
	Mechanical engineering
	Plant engineering
Rated surge voltage	8 kV
Degree of pollution	3
Overvoltage category	III
Insulating material group	I
Connection in acc. with standard	IEC 60947-7-1

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Technical data

General

Maximum load current	192 A (in case of a 70 mm ² conductor cross section, the maximum load current must not be exceeded by the total current of all connected conductors.)
Nominal current I _N	192 A
Nominal voltage U _N	1000 V
Open side panel	No
Number of positions	1

Dimensions

Width	29 mm
Length	136 mm
Height	66 mm
Height NS 35/7,5	67 mm
Height NS 35/15	74.5 mm

Connection data

Note	Connection bolts
Connection method	Bolt connection
Connection in acc. with standard	IEC 60947-7-1
Conductor cross section solid min.	6 mm ²
Conductor cross section solid max.	70 mm ²
Conductor cross section AWG min.	8
Conductor cross section AWG max.	2/0
Conductor cross section flexible min.	6 mm ²
Conductor cross section flexible max.	70 mm ²
Min. AWG conductor cross section, flexible	8
Max. AWG conductor cross section, flexible	2/0
Cable lug connection according to standard	DIN 46 234
Min. cross section for cable lug connection	2.5 mm ²
Max. cross section for cable lug connection	70 mm ²
Hole diameter	8.4 mm
Width	22 mm
Bolt diameter	8 mm
Screw thread	M8
Tightening torque, min	6 Nm
Tightening torque max	12 Nm
Cable lug connection according to standard	DIN 46,235
Min. cross section for cable lug connection	16 mm ²
Max. cross section for cable lug connection	70 mm ²
Hole diameter	8.4 mm
Width	24 mm
Bolt diameter	8 mm

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Technical data

Connection data

Screw thread	M8
Tightening torque, min	6 Nm
Tightening torque max	12 Nm
Screw thread	M8
Tightening torque, min	6 Nm
Tightening torque max	12 Nm

Standards and Regulations

Connection in acc. with standard	CSA
	IEC 60947-7-1
	DIN 46 234
	DIN 46,235
Flammability rating according to UL 94	V0

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 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

Bolt connection terminal block - RBO 8 BU - 3213136

Approvals

Approvals


CSA / UL Recognized / EAC


Ex Approvals

IECEX / ATEX / EAC Ex

Approvals submitted

Approval details

CSA 		
	B	C
Nominal current IN	175 A	175 A
Nominal voltage UN	600 V	600 V

UL Recognized 		
	B	C
Nominal current IN	175 A	175 A
Nominal voltage UN	600 V	600 V

EAC

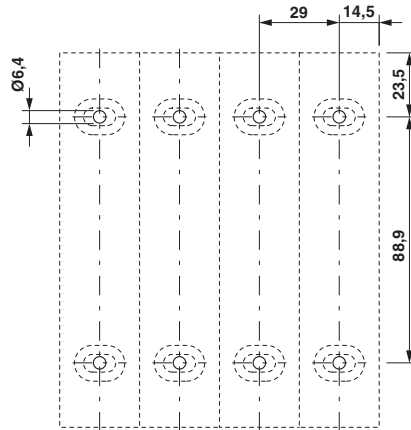
Drawings

Bolt connection terminal block - RBO 8 BU - 3213136

Circuit diagram



Dimensional drawing



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