Bolt connection terminal block - RTO 5 BU - 3049767

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Feed-through terminal block with bolt connection, cross section: 0.1 - 6 mm², AWG: 26 - 10, width 16.3 mm, color: Gray

Product Features

- Four bridge shafts per terminal block
- Terminal point always freely accessible

Key Commercial Data

Packing unit	1 pc
Minimum order quantity	50 pc
Weight per Piece (excluding packing)	30.44 g
Custom tariff number	85369010
Country of origin	Germany

Technical data

General

Note	Note: the BE-RT... path extension is to be used for non-insulated cable lugs (see accessories).
Number of levels	1
Number of connections	2
Nominal cross section	6 mm²
Color	blue
Insulating material	PA
Flammability rating according to UL 94	V0
Rated surge voltage	8 kV
Degree of pollution	3

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Technical data

General

Overvoltage category	III
Insulating material group	I
Connection in acc. with standard	IEC 60947-7-1
Maximum load current	41 A (with 6 mm² conductor cross section)
Nominal current I_N	41 A
Nominal voltage U_N	1000 V
Open side panel	Yes

Dimensions

Width	16.3 mm
End cover width	2.2 mm
Length	66 mm
Height NS 35/7,5	49.9 mm
Height NS 35/15	57.4 mm

Connection data

Note	Connection bolts
Connection method	Bolt connection
Connection in acc. with standard	IEC 60947-7-1
Conductor cross section solid min.	0.1 mm²
Conductor cross section solid max.	6 mm²
Conductor cross section AWG min.	26
Conductor cross section AWG max.	10
Conductor cross section flexible min.	0.1 mm²
Conductor cross section flexible max.	6 mm²
Min. AWG conductor cross section, flexible	26
Max. AWG conductor cross section, flexible	10
Cable lug connection according to standard	DIN 46 234
Min. cross section for cable lug connection	0.5 mm²
Max. cross section for cable lug connection	6 mm²
Hole diameter, min.	5.3 mm
Cable lug width, max.	10 mm
Bolt diameter	5 mm
Cable lug connection according to standard	DIN 46237
Min. cross section for cable lug connection	1 mm²
Max. cross section for cable lug connection	6 mm²
Hole diameter, min.	5.3 mm
Cable lug width, max.	10 mm

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Technical data

Connection data

Bolt diameter	5 mm
Screw thread	M5
Tightening torque, min	2.5 Nm
Tightening torque max	3 Nm

Standards and Regulations

Connection in acc. with standard	CUL
	IEC 60947-7-1
	DIN 46 234
	DIN 46237
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 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

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Approvals

Approvals

Approvals

UL Recognized / cUL Recognized / ABS / EAC / VDE Zeichengenehmigung / IECEE CB Scheme / cULus Recognized

Ex Approvals

ATEX / IECEx / EAC Ex

Approvals submitted

Approval details

UL Recognized

	B	C
Nominal current IN	30 A	30 A
Nominal voltage UN	600 V	600 V

cUL Recognized

	B	C
Nominal current IN	30 A	30 A
Nominal voltage UN	600 V	600 V

ABS

EAC

VDE Zeichengenehmigung

mm²/AWG/kcmil	0.14-6
Nominal current IN	41 A

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Approvals

Nominal voltage UN	1000 V

IECEE CB Scheme

cULus Recognized

Drawings

Circuit diagram