

## Feed-through terminal block - RTO 8-TC - 3050002

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Feed-through terminal block with bolt connection technology and transparent safety contact hood, cross section: 2.5 – 35 mm<sup>2</sup>, AWG: 14 - 2, width 20.2 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	25 pc
Weight per Piece (excluding packing)	86.4 g
Custom tariff number	85369010
Country of origin	China

### 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	35 mm <sup>2</sup>
Color	gray
Insulating material	PA
Flammability rating according to UL 94	V0
Rated surge voltage	8 kV
Degree of pollution	3
Overvoltage category	III
Insulating material group	I

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### Technical data

#### General

Maximum load current	125 A (with 35 mm <sup>2</sup> conductor cross section)
Nominal current I <sub>N</sub>	125 A
Nominal voltage U <sub>N</sub>	1000 V
Open side panel	Yes
Number of positions	1

#### Dimensions

Width	20.2 mm
End cover width	2.2 mm
Length	84 mm
Height	63.20 mm
Height NS 35/7,5	63.8 mm
Height NS 35/15	71.3 mm

#### Connection data

Note	Connection bolts
Connection method	Bolt connection
Conductor cross section solid min.	2.5 mm <sup>2</sup>
Conductor cross section solid max.	35 mm <sup>2</sup>
Conductor cross section AWG min.	14
Conductor cross section AWG max.	2
Conductor cross section flexible min.	2.5 mm <sup>2</sup>
Conductor cross section flexible max.	35 mm <sup>2</sup>
Min. AWG conductor cross section, flexible	14
Max. AWG conductor cross section, flexible	2
Cable lug connection according to standard	DIN 46 234
Min. cross section for cable lug connection	2.5 mm <sup>2</sup>
Max. cross section for cable lug connection	35 mm <sup>2</sup>
Hole diameter	8.4 mm
Width	16 mm
Bolt diameter	8 mm
Cable lug connection according to standard	DIN 46237
Min. cross section for cable lug connection	2.5 mm <sup>2</sup>
Max. cross section for cable lug connection	6 mm <sup>2</sup>
Hole diameter	8.4 mm
Width	14 mm
Bolt diameter	8 mm
Screw thread	M8

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### Technical data

#### Connection data

Tightening torque, min	6 Nm
Tightening torque max	10 Nm

#### Standards and Regulations

Connection in acc. with standard	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

### Approvals

#### Approvals

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## Approvals

Approvals

ABS / EAC / EAC

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Ex Approvals

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Approvals submitted

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## Approval details

ABS
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EAC
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EAC
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## Drawings

Circuit diagram

