

## Bolt connection terminal block - RSC 5-F/4 - 3059210

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Feed-through terminal block with bolt connection method, cross section: 0.1 - 10 mm<sup>2</sup>, AWG: 26 - 8, width 13 mm, color: gray

### Why buy this product

- Mounting on standard DIN rails or directly in control boxes
- Large-surface, consistent external and center labeling
- Compact screw connection of ring and fork-type cable lugs
- Cover profile that can be snapped directly onto the terminal blocks provides touch-proof protection
- Screw nuts and current bars are latched in the insulating housing and cannot be removed
- The isolator bridge bar supports switchable cross connections; the bridge screw therefore has the function of a live contact
- Bridge shaft for potential distribution using standard screw bridges

### Key Commercial Data

Packing unit	1 STK
GTIN	 4 046356 534833
Weight per Piece (excluding packing)	115.5 g
Weight per piece (including packing)	115.5 g
Country of origin	India
Note	Made to Order (non-returnable)

### Technical data

#### General

Number of levels	1
Number of connections	4
Potentials	4
Nominal cross section	10 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

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## Technical data

### General

Insulating material group	I
Maximum load current	57 A (with 10 mm <sup>2</sup> conductor cross section)
Nominal current I <sub>N</sub>	57 A
Nominal voltage U <sub>N</sub>	800 V
Open side panel	Yes

### Dimensions

Width	69.7 mm
Length	53.3 mm
Height	37 mm
Pitch	13.00 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 mm <sup>2</sup>
Conductor cross section solid max.	10 mm <sup>2</sup>
Conductor cross section AWG min.	26
Conductor cross section AWG max.	8
Conductor cross section flexible min.	0.1 mm <sup>2</sup>
Conductor cross section flexible max.	10 mm <sup>2</sup>
Min. AWG conductor cross section, flexible	26
Max. AWG conductor cross section, flexible	8
Cable lug connection according to standard	DIN 46234
Min. cross section for cable lug connection	0.1 mm <sup>2</sup>
Max. cross section for cable lug connection	10 mm <sup>2</sup>
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	0.5 mm <sup>2</sup>
Max. cross section for cable lug connection	6 mm <sup>2</sup>
Hole diameter, min.	5.3 mm
Cable lug width, max.	10 mm
Bolt diameter	5 mm
Screw thread	M5
Tightening torque, min	2 Nm
Tightening torque max	2.2 Nm

### Standards and Regulations

Connection in acc. with standard	IEC 60947-7-1
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### Technical data

#### Standards and Regulations

	DIN 46234
	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

UL Recognized / cUL Recognized / EAC / cULus Recognized

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##### Ex Approvals


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##### Approvals submitted

## Bolt connection terminal block - RSC 5-F/4 - 3059210

### Approvals

#### Approval details

UL Recognized 		
	B	C
Nominal current I <sub>N</sub>	45 A	45 A
Nominal voltage U <sub>N</sub>	600 V	600 V

cUL Recognized 		
	B	C
Nominal current I <sub>N</sub>	45 A	45 A
Nominal voltage U <sub>N</sub>	600 V	600 V

EAC
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cULus Recognized 
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