Bolt connection terminal block - RSC 5-F/6 - 3059223

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Image shows the 4-pos. version

Feed-through terminal block with bolt connection method, cross section: 0.1 - 10 mm², AWG: 26 - 8, width 13 mm, color: gray

Why buy this product

- Large-surface, consistent external and center labeling
- Mounting on standard DIN rails or directly in control boxes
- 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
- Bridge shaft for potential distribution using standard screw bridges
- The isolator bridge bar supports switchable cross connections; the bridge screw therefore has the function of a live contact

Key Commercial Data

Packing unit	1 STK
GTIN	4 046356 534840
Weight per Piece (excluding packing)	133.1 g
Weight per piece (including packing)	133.1 g
Country of origin	India
Note	Made to Order (non-returnable)

Technical data

General

Number of levels	1
Number of connections	8
Potentials	6
Nominal cross section	10 mm²
Color	gray
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
Maximum load current	57 A (with 10 mm² conductor cross section)
Nominal current I_N	57 A
Nominal voltage U_N	800 V
Open side panel	Yes

Dimensions

Width	95.7 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 mm²
Conductor cross section solid max.	10 mm²
Conductor cross section AWG min.	26
Conductor cross section AWG max.	8
Conductor cross section flexible min.	0.1 mm²
Conductor cross section flexible max.	10 mm²
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 mm²
Max. cross section for cable lug connection	10 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	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
Screw thread	M5
Tightening torque, min	2 Nm
Tightening torque max	2.2 Nm

Standards and Regulations

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Technical data

Standards and Regulations

Connection in acc. with standard	IEC 60947-7-1
	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

Approvals

UL Recognized / cUL Recognized / EAC / cULus Recognized

Ex Approvals

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Approvals

Approvals submitted

Approval details

UL Recognized

	B	C
Nominal current IN	45 A	45 A
Nominal voltage UN	600 V	600 V

cUL Recognized

	B	C
Nominal current IN	45 A	45 A
Nominal voltage UN	600 V	600 V

EAC

cULus Recognized

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