

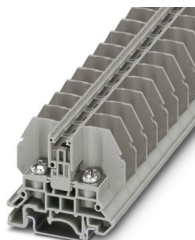
RSC 5 CUS - Bolt connection terminal block



3058144

<https://www.phoenixcontact.com/us/products/3058144>

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

Commercial data

Item number	3058144
Packing unit	50 pc
Minimum order quantity	50 pc
Product key	BE1511
GTIN	4055626290195
Weight per piece (including packing)	19.36 g
Weight per piece (excluding packing)	19.36 g
Country of origin	IN

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Technical data

Product properties

Product type	Bolt connection terminal block
Pitch	13 mm
Number of connections	2
Number of rows	1
Potentials	1

Insulation characteristics

Overvoltage category	III
Degree of pollution	3

Electrical properties

Rated surge voltage	8 kV
Maximum power dissipation for nominal condition	1.82 W

Connection data

Number of connections per level	2
Nominal cross section	10 mm ²

1 level

Connection method	Bolt connection
Screw thread	M5
Stripping length	The stripping length depends on the specification provided by the cable lug manufacturer.
Connection in acc. with standard	IEC 60947-7-1
Nominal current	57 A
Maximum load current	57 A (with 10 mm ² conductor cross-section)
Nominal voltage	800 V
Nominal cross section	10 mm ²

Cable lug connection DIN 46234:1980-03

Connection in acc. with standard	DIN 46234:1980-03
Cross section	0.1 mm ² ... 10 mm ²
Cross section range AWG	26 ... 8 (converted acc. to IEC)
Hole diameter	5.3 mm
Width	10 mm
Bolt diameter	5 mm
Screw thread	M5
Tightening torque	2 ... 2.2 Nm
Connection in acc. with standard	DIN 46237:1970-07
Cross section	0.5 mm ² ... 6 mm ²
Cross section range AWG	20 ... 10 (converted acc. to IEC)
Hole diameter	5.3 mm

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Width	10 mm
Bolt diameter	5 mm
Screw thread	M5
Tightening torque	2 ... 2.2 Nm
Identification color of ring cable lugs : red	1 mm ²
Identification color of ring cable lugs : blue	2.5 mm ²
Identification color of ring cable lugs : yellow	6 mm ²

Dimensions

Width	13 mm
End cover width	2.2 mm
Height	53.3 mm
Depth on NS 32	52.1 mm
Depth on NS 35/7,5	47.1 mm
Depth on NS 35/15	54.6 mm
Pitch	13 mm

Material specifications

Color	gray (RAL 7042)
Flammability rating according to UL 94	V0
Insulating material group	I
Insulating material	PA

Mechanical properties

Mechanical data

Open side panel	Yes
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Environmental and real-life conditions

Ambient conditions

Ambient temperature (operation)	-60 °C ... 110 °C (Operating temperature range incl. self-heating; for max. short-term operating temperature, see RTI Elec.)
Ambient temperature (storage/transport)	-25 °C ... 60 °C (for a short time, not exceeding 24 h, -60 °C to +70 °C)
Ambient temperature (assembly)	-5 °C ... 70 °C
Ambient temperature (actuation)	-5 °C ... 70 °C
Permissible humidity (operation)	20 % ... 90 %
Permissible humidity (storage/transport)	30 % ... 70 %

Standards and regulations

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

Mounting type	NS 35/7,5
	NS 35/15

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	NS 32
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Approvals

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EAC

Approval ID: KZ7500651131219505

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Classifications

ECLASS

ECLASS-13.0	27250101
ECLASS-15.0	27250101

ETIM

ETIM 9.0	EC000897
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UNSPSC

UNSPSC 21.0	39121400
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Environmental product compliance

EU RoHS	
Fulfills EU RoHS substance requirements	Yes, No exemptions
China RoHS	
Environment friendly use period (EFUP)	EFUP-E
	No hazardous substances above the limits
EU REACH SVHC	
REACH candidate substance (CAS No.)	No substance above 0.1 wt%

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