

## Datasheet

Art.No. 46.031.5053.1

Device connector RST16i3 S B1 M02 SW

RST 16i3/2 device connection M16, 3 pole, female, screw connection, application 250V, 16A, coding color black



Art.No.	46.031.5053.1
EAN	4049088279805
Order unit	1 pieces

## Approvals



## Technical data

### General

Rated current	16 A
Rated voltage	250 V
Rated voltage 2	400 V
Pollution degree	3
Rated impulse voltage	4 kV
Continuity resistor	3 mOhm
Lockable	Yes
Color of coding/ contact carrier	Black
Marking of poles	L, N, PE

### Connection Data

Connection cross section solid mm <sup>2</sup> max.	2.5 mm <sup>2</sup>
Connection cross section solid mm <sup>2</sup> min.	0.25 mm <sup>2</sup>
Connection cross section fine stranded mm <sup>2</sup> max.	1.5 mm <sup>2</sup>
Connection cross section fine stranded mm <sup>2</sup> min.	0.25 mm <sup>2</sup>
Terminations per pole	1
Wire strip length	8 mm
Connection cross section stranded mm <sup>2</sup> min.	0.25 mm <sup>2</sup>
Connection cross section stranded mm <sup>2</sup> max.	1.5 mm <sup>2</sup>

### Model

Model	female
Connection type	Screw connection

Connecting thread metric	M16
Angle of plug	Straight
Degree of protection (IP)	IP66/68 (3m;2h) /IP69
Thickness of housings (electrical device) 2	0.5 mm
Thickness of housings (electrical device)	5 mm

**Material**

Housing material	Polyamide
Halogen free	Yes
Contact material	CuZn
Fire load	0.06 kWh
Insulation components continuous temperature	100 °C
Surface finish	Silver-plated

**Dimensions**

Length	41.9 mm
Width	19.9 mm
Height	19.9 mm


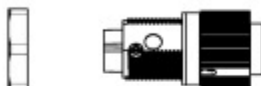

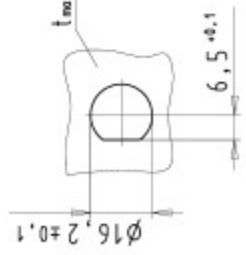
**Classification**

ECLASS 8.1	27440602
ETIM 6.0	EC002566
ETIM 5.0	EC002566
ETIM 4.0	EC002566

**Note**

Note	fine-stranded and stranded wires have to be used without ferrules; Positioning realised with flattened thread
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Drawings

<p><b>Kodierung</b> /Coding</p> <p>C1 C2 C3 C4 C5</p> 	<p><b>Auslieferungszustand</b> delivery condition</p> 		<table border="1"> <tr> <td>46.031.5050.6</td> <td>RST1613 S B1 M02 TB</td> <td>C5</td> <td>türkiablau /turquoise blue</td> </tr> <tr> <td>46.031.5053.9</td> <td>RST1613 S B1 M02 H BL</td> <td>C4</td> <td>lichtblau /light blue</td> </tr> <tr> <td>46.031.5050.4</td> <td>RST1613 S B1 M02 L BR</td> <td>C3</td> <td>signalgrün /signal green</td> </tr> <tr> <td>46.031.5055.7</td> <td>RST1613 S B1 M02 GN</td> <td>C2</td> <td>laubgrün /leaf green</td> </tr> <tr> <td>46.031.5053.1</td> <td>RST1613 S B1 M02 SW</td> <td>C1</td> <td>schwarz /black</td> </tr> <tr> <td>46.031.5053.0</td> <td>RST1613 S B1 M02 GL</td> <td>C1</td> <td>lichtgrau /light grey</td> </tr> </table> <p>Bestellnummer /Order number Typ /Type Kodierung /Coding Farbe /Colour</p>	46.031.5050.6	RST1613 S B1 M02 TB	C5	türkiablau /turquoise blue	46.031.5053.9	RST1613 S B1 M02 H BL	C4	lichtblau /light blue	46.031.5050.4	RST1613 S B1 M02 L BR	C3	signalgrün /signal green	46.031.5055.7	RST1613 S B1 M02 GN	C2	laubgrün /leaf green	46.031.5053.1	RST1613 S B1 M02 SW	C1	schwarz /black	46.031.5053.0	RST1613 S B1 M02 GL	C1	lichtgrau /light grey	<p><b>Gehäuseausschnitt</b> /section of housing</p> <p>t<sub>max.</sub> = 5mm</p>  <p>SW21</p> <p>6,1</p> <p>16,2 ± 0,1</p> <p>6,5 ± 0,1</p> <p>16,1</p> <p>20</p> <p>www.wieland-electric.com</p> <p>BUCHSENTEIL Geräteeinsatz, 3-polig female connector, device connection, 3 poles</p> <p>46.031.5053.0 13K 0</p> <p>www.wieland-electric.com</p> <p>4602150030_3K_3_CAD003020_Riller_2014-10-06T11:40:55_13000</p>
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