

## Data sheet

Commercial Art.No.: 46.031.5054.1

device connector RST16I3/2S B1 M02 SW

RST® MINI device connector, standard, straight, M16, number of poles 2, model female, connection type screw connection, rated voltage 250 V / 400 V, rated current 16 A, color of coding/ contact carrier black



Commercial Art.No.	46.031.5054.1
EAN	4049088296093
Order Unit	1

certificates / approvals



## Technical data

### general

rated current	16 A
rated voltage	250 V / 400 V
pollution degree	3
rated impulse voltage	4 kV
continuity resistor	0.75 mOhm
lockable	self-locking (unlocking by hand)
color of coding/ contact carrier	black
marking of poles	L, N

### connection data

connection cross section solid mm² max.	2.5 mm²
connection cross section solid mm² min.	0.25 mm²
connection cross section fine stranded mm² max.	2.5 mm²
connection cross section fine stranded mm² min.	0.25 mm²
terminations per pole	1
wire strip length	8 mm

### technical data UL

rated voltage UL	600 V
rated current UL	16 A
connection cross section solid AWG min.	24 AWG
connection cross section solid AWG max.	14 AWG

connection cross section stranded AWG min.	24 AWG
connection cross section stranded AWG max.	14 AWG
degree of protection (NEMA)	4, 4x

#### 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)	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/St
insulation components continuous temperature	100 °C
surface finish	silver-plated

#### dimensions

length	41.9 mm
width	19.9 mm
height	19.9 mm

#### note

note	RST® terminals with screw clamping allow the connection of conductors without special preparation (without ferrules) according to EN 60999-1.; positioning realised with flattened thread
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#### classification

ECLASS 11	
ECLASS 8.1	27440602
ETIM 9.0	EC002566
ETIM 8.0	EC002566
ETIM 7.0	EC002566
ETIM 6.0	EC002566
ETIM 5.0	EC002566
ETIM 4.0	EC002566

#### product compliance

ROHS conformity status	compliant
REACH-SVHC conformity status	compliant

## Accessories

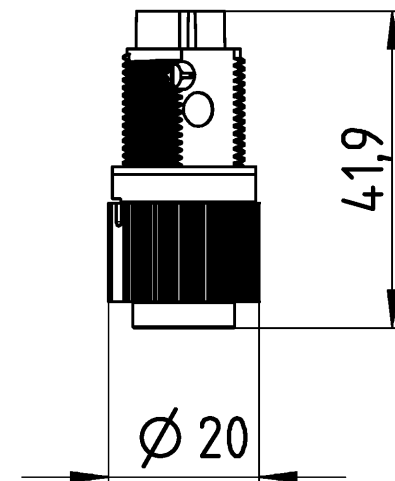
Commercial Art.No.:	Article-type description:	Description:
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06.563.8653.1	cover for female connector SW	RST16i3/2 cover piece, for covering unused female connectors, color black
06.563.8753.1	cover for female connector SW	RST16i3/2 cover piece, for covering unused female connectors, with fastening belt, color black

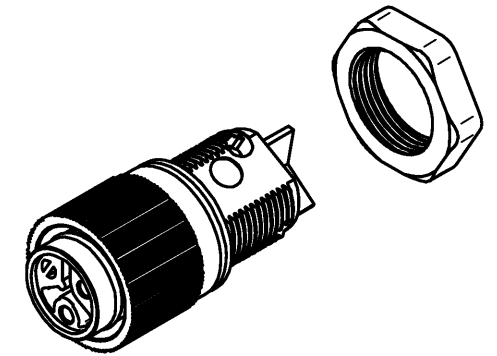
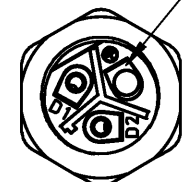
## Fits with





Commercial Art.No.:	Article-type description:	Description:
46.032.4554.1	connector RST16i3/2S S1 ZT4 SW	RST® MINI connector, straight, number of poles 2, male, connection type screw connection, rated voltage 250 V, rated current 16 A, cable diameter 5 - 10.6 mm, color of coding/ contact carrier black
46.032.4454.0	connector RST16i3/2S S1 ZT3 GL	RST16i3/2 connector, 2 pole, male, screw connection, application 250V, 16A, for cable diameters 7.1-13mm, coding color light grey, color of housing light grey

<input type="checkbox"/>	Diese Maße werden bei Abnahme besonders geprüft
<input type="checkbox"/>	Ausschließlich Prüfmaße
MfI / E gekennzeichnete Maße sind nur für interne Zwecke gültig	



a



Tolerierung Size ISO 14405  / Tolerance system Size ISO 14405  (This ISO-standard describes the envelope principle. According to the envelope principle the deviations of form and parallelism are limited by the size tolerances).					ja/yes <input checked="" type="checkbox"/> Stoffverbots- und Deklarationsliste nach WN 5020.010 ist einzuhalten. Conformity with Wieland document WN 5020.010 e (list of prohibited / declarable hazardous substances) to be declared!					
Freitoleranz nach General tolerance			CAD - Zeichnung, keine manuellen Änderungen CAD - drawing, no manual modifications allowed			1. Verwendung: First Use:		Blatt: 1 von 1 Sheet: of 1		
	/		Werkstoff / Material			Tag/Date	Name	Zeichnung Nr. / Drawing No.  46.031.5054.013K	Index  b	
	/				gezeichnet drawn	22.07.2016	Hollet			
	/				Maßstab / Scale	geprüft checked				
	/				1:1	Normgepr. Stand. check				
Maße in mm / Dimensions are in mm										
	/	Vol.	mm <sup>3</sup>	Dfl./Srf.	mm <sup>2</sup>	Ersatz für / Replacement for:				
b	13.10.2020 /		 <b>wieland</b> <b>www.wieland-electric.com</b>			Type	<b>BUCHSENTEIL</b> Geräteanschluss, 3-polig female connector, device connection, 3 poles			
a	09.05.2019 /					RST1613				
Index	Datum / Blatt Date / Sheet									
Änderung / Revision										