

Data sheet

Commercial Art.No.: 41.031.4043.9

device connector RST08i3 S B1 M02H BL

RST® MICRO device connector, standard, straight, M14, number of poles 3, model female, connection type screw connection, rated voltage 250 V / 400 V, rated current 8 A, color of coding/ contact carrier light blue



Commercial Art.No.	41.031.4043.9
EAN	4049088481918
Order Unit	1

certificates / approvals



Technical data

general

rated current	8 A
rated voltage	250 V / 400 V
pollution degree	3
mechanical coding	yes
rated impulse voltage	2.5 kV
continuity resistor	0.55 mOhm
lockable	self-locking (unlocking by hand)
color of coding/ contact carrier	light blue
Pole codification	1, 2/N, 3

connection data

connection cross section solid mm² max.	1 mm²
connection cross section solid mm² min.	0.2 mm²
connection cross section fine stranded mm² max.	1 mm²
connection cross section fine stranded mm² min.	0.22 mm²
terminations per pole	1
wire strip length	6 mm

technical data UL

rated voltage UL	400 V
rated current UL	8 A
connection cross section solid AWG min.	24 AWG

connection cross section solid AWG max.	20 AWG
connection cross section stranded AWG min.	24 AWG
connection cross section stranded AWG max.	20 AWG
degree of protection (NEMA)	4, 4X, 6, 6P
UL classification housing	UL-V0

model

model	female
connection type	screw connection
connecting thread metric	M14
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)	4 mm

material

housing material	polyamide
halogen free	yes
contact material	CuZn
fire load	0 kWh/St
insulation components continuous temperature	100 °C
surface finish	silver-plated

dimensions

length	21.9 mm
width	19.2 mm
height	19.2 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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06.563.5053.1	cover for female connector SW	RST08i3/2 cover piece, for covering unused female connectors, with fastening belt, color black
06.502.6100.0	allen key RST MICRO SW 0,9	Allen Key for screw terminals RST® MICRO
06.502.6300.0	screwdriver RST MICRO SW 0,9	Screwdriver (hexagonal wrench 0.9) for RST® MICRO

Fits with

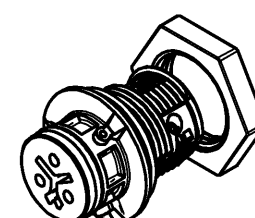
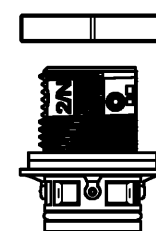
Commercial Art.No.:	Article-type description:	Description:
41.032.3043.9	connector RST08i3 S S1 ZR1SH BL	RST® MICRO connector, straight, number of poles 3, male, connection type screw connection, rated voltage 250 V / 400 V, rated current 8 A, cable diameter 4 - 7 mm, color of coding/ contact carrier light blue
4L.032.3043.9	connector RST08i3 S 21 ZR1SH BL	RST® MICRO connector, straight, number of poles 3, male, connection type screw connection, rated voltage 250 V / 400 V, rated current 8 A, cable diameter 4 - 7 mm, longitudinal sealing yes, color of coding/ contact carrier light blue









Gehäuseausschnitt
1 cut out:

$t_{\max} = 4 \text{ mm}$

$\phi 14,2 \pm 0,1$




$5,9 \pm 0,1$



Teile-Nr. <i>l part-no.</i>	Type	Kodierung <i>l coding</i>
41.031.4053.1	RST08i3 S B1 M02H SW	C1 
4L.031.4053.1	RST08i3 S 11 M02H SW	
41.031.4043.9	RST08i3 S B1 M02H BL	C2 
4L.031.4043.9	RST08i3 S 11 M02H BL	
41.031.4041.4	RST08i3 S B1 M02HL SG	C3 
4L.031.4041.4	RST08i3 S 11 M02HL SG	
41.031.4051.8	RST08i3 S B1 M02HL KG	C4 
4L.031.4051.8	RST08i3 S 11 M02HL KG	
41.021.4043.1	RST08i3/2S B1 M02H SW	C1 
4L.021.4043.1	RST08i3/2S 11 M02H SW	
41.021.4043.9	RST08i3/2S B1 M02H BL	C2 
4L.021.4043.9	RST08i3/2S 11 M02H BL	
41.021.4041.4	RST08i3/2S B1 M02HL SG	C3 
4L.021.4041.4	RST08i3/2S 11 M02HL SG	
41.021.4041.8	RST08i3/2S B1 M02HL KG	C4 
4L.021.4041.8	RST08i3/2S 11 M02HL KG	

●=Pol nicht bestückt
1 pole not mounted

Weitere Daten siehe KATALOG oder eKatalog additional data see CATALOG or eCATALOG	www.wieland-electric.com eshop.wieland-electric.com
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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).					jalyes <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	
	/		Werkstoff / Material			Tag/Date	Name	Zeichnung Nr. / Drawing No. 41.031.4053.1 13K	Index a	
	/				gezeichnet drawn	22.02.2018	Hollet			
	/ Maßstab / Scale				geprüft checked					
	/ 1:1				Normgepr. Stand. check					
Maße in mm / Dimensions are in mm										
	/	Vol. mm ³	Ofl/Srf. mm ²	Ersatz für / Replacement for:						
	/	 wieland www.wieland-electric.com			Type	Benennung/Title				
a	12.03.2020 /					BUCHSENTEIL_GA female device connector				
Index	Datum / Blatt Date / Sheet									
Änderung / Revision										