product data sheet

item no. 41.031.3041.4

connector RST08i3 S B1 ZR1SHL SG

RST® MICRO connector, straight, number of poles 3, female, connection type screw connection, rated voltage 50 V / 120 V, rated current 8 A, cable diameter 4 - 7 mm, color of coding/ contact carrier slate grey



item no.	41.031.3041.4
EAN	4049088481772
order unit	50 piece(s)

certificates / approvals

technical data

note

note	RST® terminals with screw clamping allow the connection of conductors without special preparation (without ferrules) according to EN 60999-1.

general

rated current	8 A
rated voltage	50 V / 120 V
rated impulse voltage	2.5 kV
strain relief	yes
pollution degree	3
mechanical coding	yes
lockable	self-locking (unlocking by hand)
color of coding/ contact carrier	slate grey
marking of poles	1, 2, 3
color of housing inclusive strain relief	black
RAL-Nummer Codierung/Kontakteinsatz	7015

connection data

cable diameter max.	7 mm
cable diameter min.	4 mm
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
sheath strip length	18 mm
wire strip length	6 mm

model

model	female
connection type	screw connection

degree of protection (IP)	IP66/68 (3m;2h) /IP69

material

housing material	polyamide
halogen free	yes
contact material	CuZn
fire load	0.018 kWh/St
insulation components continous temperature	100 °C
surface finish	silver-plated

dimensions

length	42.5 mm
width	14.9 mm
height	14.9 mm

accessories

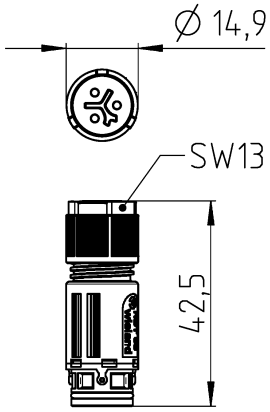
item no.	type	description
06.563.5053.1	cover for female connector SW	RST08i3/2 cover piece, for covering unused female connectors, with fastening belt, color black
06.502.6100.0	allen key RST MICRO SW 0,9	Allen Key for screw terminals RST® MICRO
06.502.6300.0	screwdriver RST MICRO SW 0,9	Screwdriver (hexagonal wrench 0.9) for RST® MICRO

assembly

item no.	type	description
41.032.3041.4	connector RST08i3 S S1 ZR1SHL SG	RST® MICRO connector, straight, number of poles 3, male, connection type screw connection, rated voltage 50 V / 120 V, rated current 8 A, cable diameter 4 - 7 mm, color of coding/ contact carrier slate grey
4L.032.3041.4	connector RST08i3 S 21 ZR1SHL SG	RST® MICRO connector, straight, number of poles 3, male, connection type screw connection, rated voltage 50 V / 120 V, rated current 8 A, cable diameter 4 - 7 mm, longitudinal sealing yes, color of coding/ contact carrier slate grey
41.032.4041.4	device connector RST08i3 S S1 M02HL SG	RST® MICRO device connector, standard, straight, M14, number of poles 3, model male, connection type screw connection, rated voltage 50 V / 120 V, rated current 8 A, color of coding/ contact carrier slate grey
4L.032.4041.4	device connector RST08i3 S 21 M02HL SG	RST® MICRO device connector, standard, straight, M14, number of poles 3, model male, connection type screw connection, rated voltage 50 V / 120 V, rated current 8 A, longitudinal sealing yes, color of coding/ contact carrier slate grey

technical drawing

Gezeichnete Ausführung/drawn version
41.031.3053.1

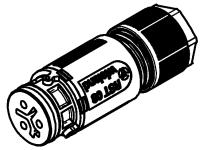


Auslieferungszustand/
delivery status



Teile-Nr. / *part-no.*	Type	Kodierung / *coding*
41.031.3053.1	RST08i3 S B1 ZR1 H SW	C1
4L.031.3053.1	RST08i3 S 11 ZR1 H SW	
41.031.3043.9	RST08i3 S B1 ZR1SH BL	C2
4L.031.3043.9	RST08i3 S 11 ZR1SH BL	
41.031.3041.4	RST08i3 S B1 ZR1SHL SG	C3
4L.031.3041.4	RST08i3 S 11 ZR1SHL SG	
41.031.3051.8	RST08i3 S B1 ZR1SHL KG	C4
4L.031.3051.8	RST08i3 S 11 ZR1SHL KG	
41.021.3043.1	RST08i3/2S B1 ZR1 H SW	C1
4L.021.3043.1	RST08i3/2S 11 ZR1 H SW	
41.021.3043.9	RST08i3/2S B1 ZR1SH BL	C2
4L.021.3043.9	RST08i3/2S 11 ZR1SH BL	
41.021.3041.4	RST08i3/2S B1 ZR1SHL SG	C3
4L.021.3041.4	RST08i3/2S 11 ZR1SHL SG	
41.021.3041.8	RST08i3/2S B1 ZR1SHL KG	C4
4L.021.3041.8	RST08i3/2S 11 ZR1SHL KG	

●=Pol nicht bestückt
/pole not mounted



Weitere Daten siehe KATALOG oder eKatalog
additional data see CATALOG or eCATALOG
www.wieland-electric.com
eshop.wieland-electric.com

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 ☒ 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: 1 of 1

Werkstoff / Material

Maßstab / Scale: 1:1

Vol. mm³ Ofl./Srf. mm²

	Tag/Date	Name
gezeichnet / drawn	22.02.2018	Hollet
geprüft / checked		
Normgepr. Stand. check		

Zeichnung Nr. / Drawing No.: 41.031.3053.1 13K

Index: a

Maße in mm / Dimensions are in mm

Ersatz für / Replacement for:

Index	Datum / Blatt Date / Sheet	Änderung / Revision
a	12.03.2020 /	

wieland
www.wieland-electric.com

Type: RSTmicro

Bennenung/Title: BUCHSENTEIL_FA_ZE
female with strain relief

Diese Maße werden bei Abnahme besonders geprüft / Ausschließlich Prüfmaße

Mit E gekennzeichnete Maße sind nur für interne Zwecke gültig

These dimensions will be especially checked at delivery / Only inspection dimensions

With /E marked dimensions are only valid for internal use

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