product data sheet

item no. 46.051.5054.1

device connector RST16I5/4S B1 M03 SW

RST® MINI device connector, standard, straight, M20.2, number of poles 4, model female, connection type screw connection, rated voltage 250 V / 400 V, rated current 16 A, color of coding/ contact carrier black



item no.	46.051.5054.1
EAN	4049088289583
order unit	100 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.positioning realised with flattened thread

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
Pole codification	1, 2, 3, PE

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

model

model	female
connection type	screw connection
connecting thread metric	M20.2
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	0.081 kWh/St
insulation components continous temperature	100 °C
surface finish	silver-plated

dimensions

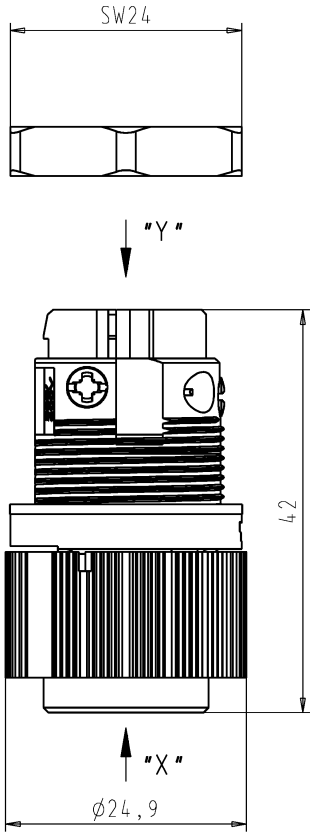
length	41.6 mm
width	24 mm
height	24 mm

accessories

item no.	type	description
06.563.9053.1	cover for female connector SW	RST16i5/4 cover piece, for covering unused female connectors, color black
06.563.9153.1	cover for female connector SW	RST16i5/4 cover piece, for covering unused female connectors, with fastening belt, color black

technical drawing

Auslieferungszustand
delivery condition



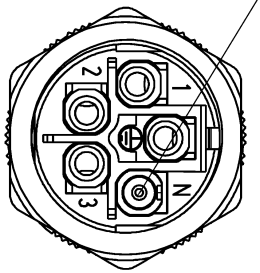


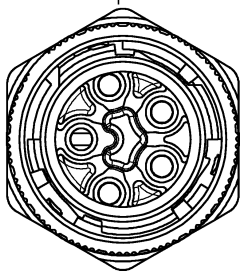
"X"

46.051.5054.0/1

"Y"

Pol nicht montiert
pol not mounted



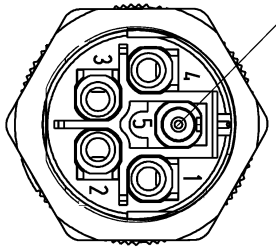


"X"

46.051.5051.4

"Y"

Pol nicht montiert
pol not mounted





Weitere Daten siehe Katalog
further data see catalog

Teile - Nr. *part - no.*	Typ *type*	Farbe *colour*
46.051.5054.0	RST1615/4S B1 M03 GL	lichtgrau/*light grey* RAL 7035
46.051.5054.1	RST1615/4S B1 M03 SW	schwarz/*black* RAL 9005
46.051.5051.4	RST1615/4S B1 M03 L BR	signalbraun/*signal brown* RAL 8002

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: 2:1

Vol. mm³ Oft./Srf. mm²

	Tag/Date	Name
gezeichnet / drawn	17.11.2015	Treschan
geprüft / checked		
Normgeor. Stand. check		

Zeichnung Nr. / Drawing No.: T 46.051.5054.0 01K — Index: a

Maße in mm / Dimensions are in mm

Ersatz für / Replacement for:

Index	Datum / Blatt Date / Sheet	Änderung / Revision
a.	10.04.2019 /	

wieland
www.wieland-electric.com

Type: RST16...

Bennenung/Title: BUCHSENTEIL_GA_4P
FEMALE 4P

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With /E marked dimensions are only valid for internal use

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