product data sheet

item no. 46.051.5053.1

device connector RST16I5 S B1 M03 SW

RST® MINI device connector, standard, straight, M20.2, number of poles 5, model female, connection type screw connection, rated voltage 250 V / 400 V, rated current 16 A, color of coding/ contact carrier black



item no.	46.051.5053.1
EAN	4049088255830
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	3, N, PE, 2, 1

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	0.082 kWh/St
insulation components continous temperature	100 °C
surface finish	silver-plated

dimensions

length	41.6 mm
width	24 mm
height	24 mm

accessories

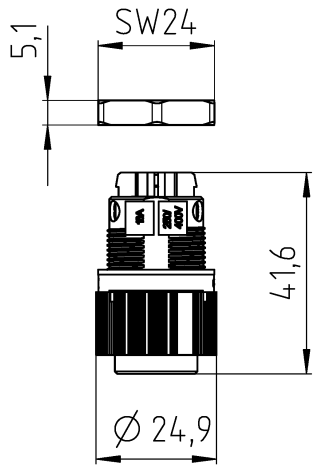
item no.	type	description
06.563.9053.1	cover for female connector SW	RST16i5/4 cover piece, for covering unused female connectors, color black
06.563.9153.1	cover for female connector SW	RST16i5/4 cover piece, for covering unused female connectors, with fastening belt, color black

technical drawing

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Vertraulichkeitsklasse: Vertraulich
confidentiality class: confidential

These dimensions will be especially checked at delivery
Only inspection dimensions
With Æ marked dimensions are only valid for internal use

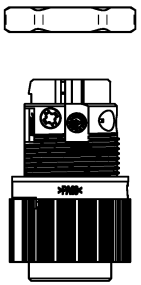
Diese Maße werden bei Abnahme besonders geprüft
Ausschließlich Prüfmaße
Mit Æ gekennzeichnete Maße sind nur für interne Zwecke gültig



Kodierung/
coding

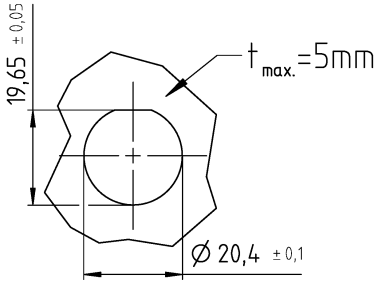


Auslieferungszustand
delivery condition





Gehäuseausschnitt/
section of housing



Bestellnummer/ order number	Typ/type	Kodierung/ coding	Farbe/color
46.051.5053.9	RST16I5S B1 M03 H BL	C4	lichtblau/light blue
46.051.5050.4	RST16I5S B1 M03 L BR	C3	signalbraun/signal brown
46.051.5053.6	RST16I5S B1 M03 A TB	C2	türkisblau/turquoise blue
46.051.5053.1	RST16I5S B1 M03 SW	C1	schwarz/black
46.051.5053.0	RST16I5S B1 M03 GL	C1	lichtgrau/light grey

Weitere Daten siehe Katalog oder eKatalog. www.wieland-electric.com
Additional data see CATALOG or eCatalog. 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: Sheet: 1 von of 1

Werkstoff / Material

Maßstab / Scale 1:1

	Tag/Date	Name
gezeichnet drawn	04.02.2014	Treschan

Elektronische Freigabe
Electronic Release

Zeichnung Nr. / Drawing No. T 46.051.5053.0 13K

Index b

Maße in mm / Dimensions are in mm

Vol. mm³ Ofl./Srf. mm²

Ersatz für / Replacement for:

Index	Datum / Blatt Date / Sheet	Änderung / Revision
b	12.10.2026 /	
a	10.04.2019 /	

wieland

Type RST16...

Benennung/Title

BUCHSENTEIL

Geräteanschluss, 5 polig

female connector, device connection, 5 poles

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01-QU-RD-32/21