product data sheet

item no. 46.052.5053.1

device connector RST16I5 S S1 M03 SW

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



item no.	46.052.5053.1
EAN	4049088255885
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
marking of poles	3, N, PE, 2, 1
color of separate adapter (if present)	black

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

dimensions

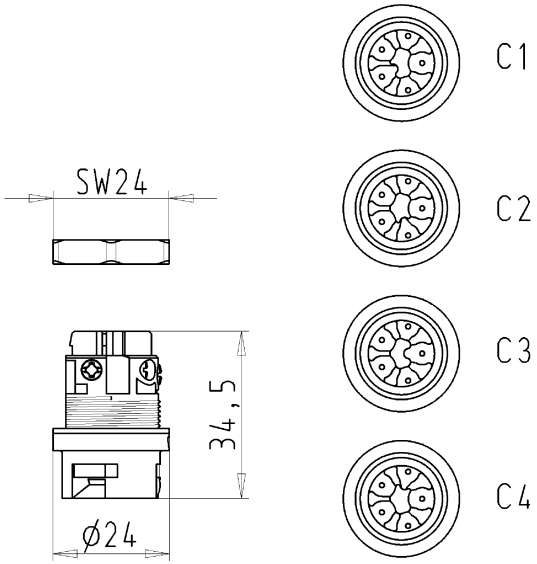
length	34.5 mm
width	24 mm
height	24 mm

accessories

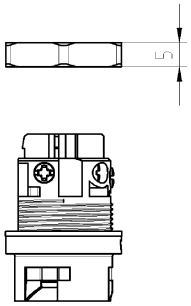
item no.	type	description
06.563.9253.1	cover for male connector SW	RST16i5/4 cover piece, for covering unused male connectors, color black
06.563.9353.1	cover for male connector SW	RST16i5/4 cover piece, for covering unused male connectors, with fastening belt, color black

technical drawing

Kodierung
/coding

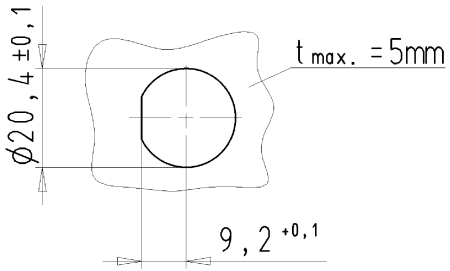


Auslieferungszustand
delivery condition





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Gehäuseausschnitt/
section of housing

Bestellnummer /Order number	Typ /Type		Kodierung /Coding	Farbe /Colour
46.052.5053.9	RST1615S S1 M03 H	BL	C4	**lichtblau** /light blue
46.052.5050.4	RST1615S S1 M03 L	BR	C3	**signalbraun** /signal brown
46.052.5053.6	RST1615S S1 M03 A	TB	C2	**türkisblau** /turquoise blue
46.052.5053.1	RST1615S S1 M03	SW	C1	**schwarz** /black
46.052.5053.0	RST1615S S1 M03	GL	C1	**lichtgrau** /light grey

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

Toleranzsystem 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 UU-TDM-05/03 ist einzuhalten. Conformity with Wieland document UU-TDM-05/03 (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./Surf. mm²

	Tag/Date	Name
2014		
gezeichnet / drawn	13.02.	Winkler
geprüft / checked	-	-
Normgepr. Stand. check	-	-

Zeichnung Nr./Drawing No.: T 46.052.5053.0 13K

Index

Maße in mm/Dimensions are in mm

Ersatz für/Replacement for: -

Änderung/Revision | Index | Datum / Blatt / Date / Sheet

wieland
www.wieland-electric.com

Type: RST16...

Benennung/Title: STECKERTEIL
Geräteanschluss, 5 polig
male connector, device connection, 5 poles

These dimensions will be especially checked at delivery
Only inspection dimensions
With /E marked dimensions are only valid for internal use
Diese Maße werden bei Abnahme besonders geprüft
Ausschließlich Prüfmaße
Mit /E gekennzeichnete Maße sind nur für interne Zwecke gültig