product data sheet

item no. 46.032.5053.1

device connector RST16I3 S S1 M02 SW

RST® MINI device connector, standard, straight, M16, number of poles 3, model male, connection type screw connection, rated voltage 250 V, rated current 16 A, color of coding/ contact carrier black



item no.	46.032.5053.1
EAN	4049088279867
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
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	L, N, 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
connection cross section stranded mm² min.	0.25 mm²
connection cross section stranded mm² max.	1.5 mm²

model

model	male
connection type	screw connection

connecting thread metric	M16
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	0.04 kWh/St
insulation components continous temperature	100 °C
surface finish	silver-plated

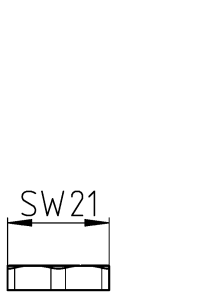
dimensions

length	35.2 mm
width	19 mm
height	19 mm

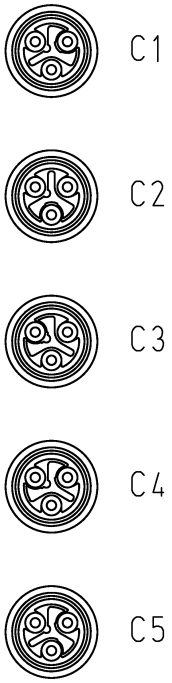
accessories

item no.	type	description
06.563.8853.1	cover for male connector SW	RST16i3/2 cover piece, for covering unused male connectors, color black
06.563.8953.1	cover for male connector SW	RST16i3/2 cover piece, for covering unused male connectors, with fastening belt, color black

technical drawing

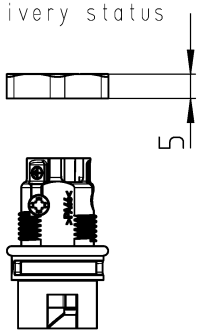


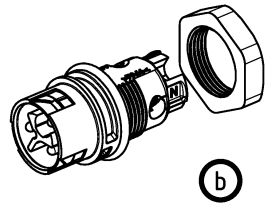
Kodierung /coding



ⓐ

Auslieferungszustand
delivery status



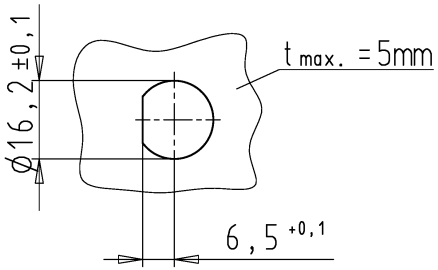


ⓑ

46.032.5053.9	RST16i3 S S1 M02 H BL	C4	**lichtblau** /lightblue
46.032.5055.7	RST16i3 S S1 M02 GN	C2	**laubgrün** /leafgreen
46.032.5050.6	RST16i3 S S1 M02 TB	C5	**türkisblau** /turquoiseblue
46.032.5050.4	RST16i3 S S1 M02 L BR	C3	**signalbraun** /signalbrown
46.032.5053.1	RST16i3 S S1 M02 SW	C1	**schwarz** /black
46.032.5053.0	RST16i3 S S1 M02 GL	C1	**lichtgrau** /lightgrey
Bestellnummer /Order number	Typ /Type	Kodierung /coding	Farbe /colur

Weitere Daten siehe KATALOG oder eKatalog.
Additional data see CATALOG or eCatalog.

www.wieland-electric.com
eshop.wieland-electric.com



Gehäuseausschnitt/
section of housing

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	07.07.2014	Dütsch T.

Elektronische Freigabe
Electronic Release

Zeichnung Nr. / Drawing No.: T 46.032.5053.0 13K

Index: b

Maße in mm / Dimensions are in mm

Vol. mm³ Ofl./Srf. mm² Ersatz für / Replacement for:

Index	Datum / Blatt Date / Sheet
b	26.08.2026 /
a	06.10.2014 /

Änderung / Revision

wieland

Type: RST16i3

Benennung/Title

STECKERTEIL

Geräteanschluss, 3 polig

male connector, device connection, 3 poles

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Vertraulichkeitsklasse: confidentially class: Vertraulich confidential
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