product data sheet

item no. 46.052.4153.1

connector RST16I5 S S1 ZT5 SW

RST® MINI connector, straight, number of poles 5, male, connection type screw connection, rated voltage 250 V / 400 V, rated current 16 A, cable diameter 10 - 14.5 mm, color of coding/ contact carrier black



item no.	46.052.4153.1
EAN	4049088255786
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.

general

rated current	16 A
rated voltage	250 V / 400 V
rated impulse voltage	4 kV
strain relief	yes
pollution degree	3
lockable	self-locking (unlocking by hand)
color of coding/ contact carrier	black
Pole codification	3, N, PE, 2, 1
color of housing inclusive strain relief	black
RAL-Nummer Codierung/Kontakteinsatz	9005

connection data

cable diameter max.	14.5 mm
cable diameter min.	10 mm
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
sheath strip length	25 mm
wire strip length	8 mm

model

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

dimensions

width	27 mm
height	27 mm

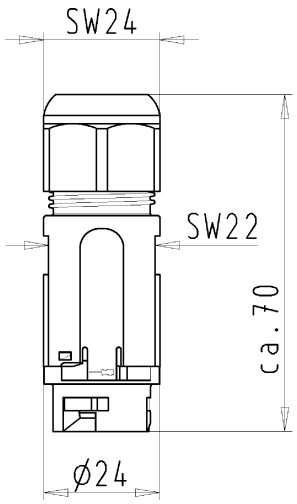
accessories

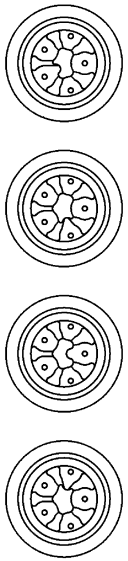
item no.	type	description
06.563.9253.1	cover for male connector SW	RST16i5/4 cover piece, for covering unused male connectors, color black
06.563.9353.1	cover for male connector SW	RST16i5/4 cover piece, for covering unused male connectors, with fastening belt, color black

assembly

item no.	type	description
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
46.050.1253.1	distributor RST16I5V 2P1 TGVG SW	RST® MINI distribution block 1I / 2O, rated voltage 250 V / 400 V, rated current 16 A, number of poles 5, degree of protection (ip) IP66/68 (3m 2h) /IP69, number of inputs 1, number of outputs 2, pole codification 3, N, PE, 2, 1, mechanical coding yes, color of coding/ contact carrier black, ral

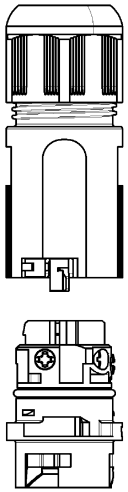
technical drawing

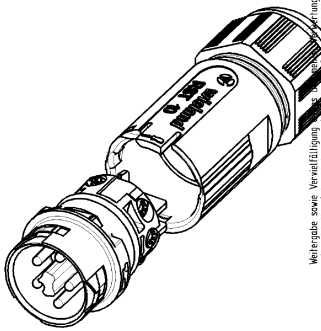




Kodierung
/coding

Auslieferungszustand/
delivery condition





46.052.4153.9	RST1615S S1 ZW4S H	BL	C4	**lichtblau** /light blue
46.052.4150.4	RST1615S S1 ZW4S L	BR	C3	**signalbraun** /signal brown
46.052.4153.6	RST1615S S1 ZW4S A	TB	C2	**türkisblau** /turquoise blue
46.052.4153.1	RST1615S S1 ZW4	SW	C1	**schwarz** /black
46.052.4153.0	RST1615S S1 ZW4	GL	C1	**lichtgrau** /light grey
Bestellnummer /Order number	Typ /Type		Kodierung /Coding	Farbe /Colour

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

Toleranzierung 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-TOM-05/03 ist einzuhalten.
Conformity with Wieland document UU-TOM-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 Oft./Surf. mm²

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

Zeichnung Nr./Drawing No.: T 46.052.4153.0 13K
Index

Maße in mm/Dimensions are in mm

Ersatz für/Replacement for: -

Index | Datum / Blatt Date / Sheet
Änderung/Revision

wieland
www.wieland-electric.com

Type

Benennung/Title

STECKERTEIL

mit Zugentlastung, 5 polig
male connector with strain relief, 5 poles

QU-MEE-01/14 -

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

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