product data sheet

item no. 46.052.4551.4

connector RST16I5/4S S1 ZT6S L BR

RST® MINI connector, straight, number of poles 4, male, connection type screw connection, rated voltage 50 V / 120 V, rated current 16 A, cable diameter 7.1 - 13 mm, color of coding/ contact carrier signal brown



item no.	46.052.4551.4
EAN	4049088290084
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	50 V / 120 V
rated impulse voltage	4 kV
strain relief	yes
pollution degree	3
lockable	self-locking (unlocking by hand)
color of coding/ contact carrier	signal brown
Pole codification	1, 2, 3, 4
color of housing inclusive strain relief	black
RAL-Nummer Codierung/Kontakteinsatz	8002

connection data

cable diameter max.	13 mm
cable diameter min.	7.1 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	0.147 kWh/St
insulation components continous temperature	100 °C
surface finish	silver-plated

dimensions

length	74 mm
width	24 mm
height	24 mm

accessories

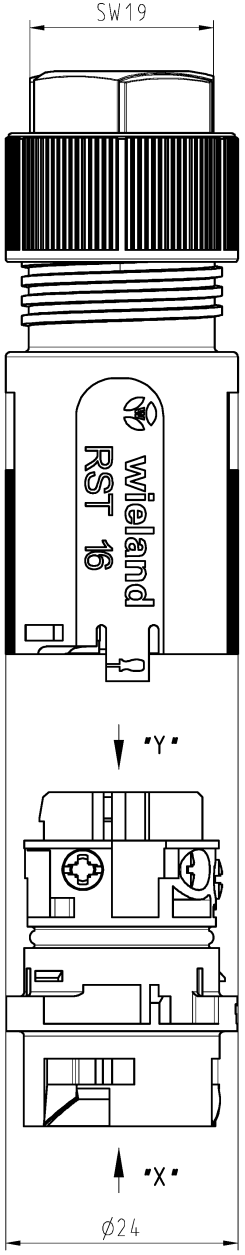
item no.	type	description
06.563.9253.1	cover for male connector SW	RST16i5/4 cover piece, for covering unused male connectors, color black
06.563.9353.1	cover for male connector SW	RST16i5/4 cover piece, for covering unused male connectors, with fastening belt, color black

assembly

item no.	type	description
46.051.5051.4	device connector RST16I5/4S B1 M03 L BR	RST® MINI device connector, standard, straight, M20.2, number of poles 4, model female, connection type screw connection, rated voltage 50 V / 120 V, rated current 16 A, color of coding/ contact carrier signal brown
46.050.0151.4	distributor RST16I4B 3P1 F G V BR	RST® MINI compact distributor 1I / 3O, rated voltage 50 V / 120 V, rated current 16 A, number of poles 4, degree of protection (ip) IP66/68 (3m 2h) /IP69, number of inputs 1, number of outputs 3, pole codification 1, 2, 3, 4, color of coding/ contact carrier signal brown, ral number coding/contac

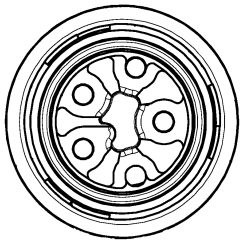
technical drawing

Auslieferungszustand
delivery condition



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

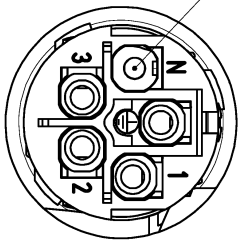


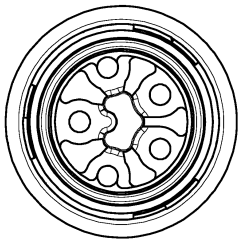
"X"

46.052.4554.0/.1

"Y"

Pol nicht montiert
Pole not mounted



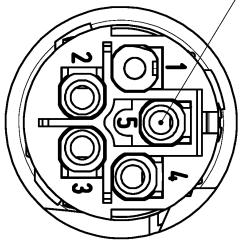


"X"

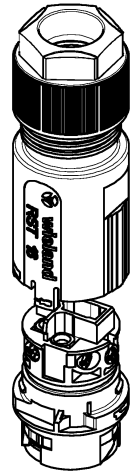
46.052.4551.4

"Y"

Pol nicht montiert
Pole not mounted



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1:1

Weitere Daten siehe Katalog
further data see catalog

Teile-Nr. *part - no.*	Typ *type*	Farbe *colour*
46.052.4554.0	RST1615/4S S1 ZT6 GL	lichtgrau/*light grey* RAL 7035
46.052.4554.1	RST1615/4S S1 ZT6 SW	schwarz/*black* RAL 9005
46.052.4551.4	RST1615/4S S1 ZT6S 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: of

Werkstoff/Material

Maßstab/Scale: 2:1

	Tag/Date	Name
2015		
gezeichnet drawn	18.11.	Treschan
geprüft checked	-	-
Normgepr. Stand. check	-	-

Zeichnung Nr./Drawing No.: T 46.052.4554.0 01K

Index

Maße in mm/Dimensions are in mm

Vol. mm³ Ofl./Surf. mm² Ersatz für/Replacement for: -

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

wieland
www.wieland-electric.com

Type: RST16...

Benennung/Title: ST_MIT_ZUGENTL_FA_4P
male with strain relief 4P RST

460524554001K_1 CADW3028 Treschan 2015-11-20T08:56:59 1.000

QU-MEE-01/14 -