product data sheet

item no. 46.052.4554.1

connector RST16I5/4S S1 ZT6 SW

RST® MINI connector, straight, number of poles 4, male, connection type screw connection, rated voltage 250 V / 400 V, rated current 16 A, cable diameter 7.1 - 13 mm, color of coding/ contact carrier black



item no.	46.052.4554.1
EAN	4049088290077
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	1, 2, 3, PE
color of housing inclusive strain relief	black
RAL-Nummer Codierung/Kontakteinsatz	9005

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

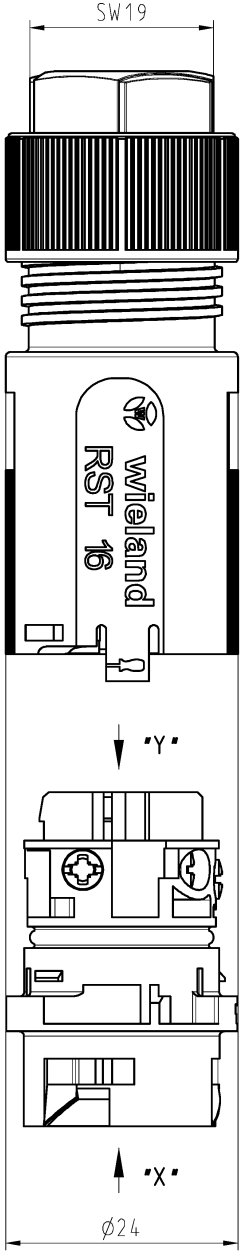
item no.	type	description
06.563.9253.1	cover for male connector SW	RST16i5/4 cover piece, for covering unused male connectors, color black
06.563.9353.1	cover for male connector SW	RST16i5/4 cover piece, for covering unused male connectors, with fastening belt, color black

assembly

item no.	type	description
46.051.5054.1	device connector RST16I5/4S B1 M03 SW	RST® MINI device connector, standard, straight, M20.2, number of poles 4, model female, connection type screw connection, rated voltage 250 V / 400 V, rated current 16 A, color of coding/ contact carrier black
46.050.0154.1	distributor RST16I4B 3P1 F G V SW	RST® MINI compact distributor 1I / 3O, rated voltage 250 V / 400 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, PE, color of coding/ contact carrier black, ral number coding/ contact inse

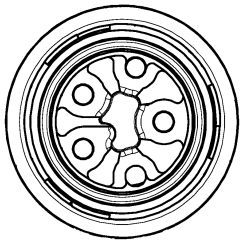
technical drawing

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

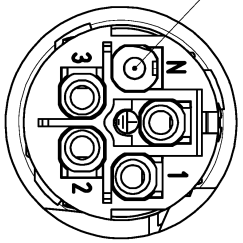


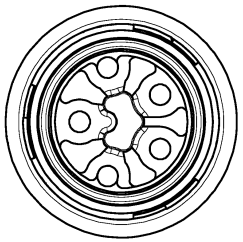
"X"

46.052.4554.0/.1

"Y"

Pol nicht montiert
Pole not mounted



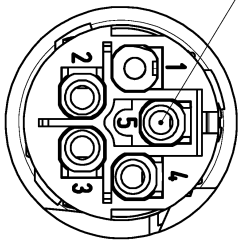


"X"

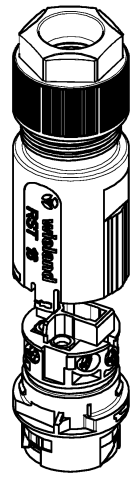
46.052.4551.4

"Y"

Pol nicht montiert
Pole not mounted



Weitergabe sowie Vervielfältigung dieses Dokuments, Verwertung und Mitteilung seines Inhalts sind verboten, soweit nicht ausdrücklich gestattet. Zuwiderhandlungen verpflichten zu Schadenersatz. Alle Rechte für den Fall der Patenterteilung oder der Eintragung eines Gebrauchsmusters vorbehalten. Any reproduction, distribution and utilization of this document as well as the communication of its contents to others without express authorization is prohibited.



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