product data sheet

item no. 46.031.4554.1

connector RST16I3/2S B1 ZT4 SW

RST® MINI connector, straight, number of poles 2, female, connection type screw connection, rated voltage 250 V, rated current 16 A, cable diameter 5 - 10.6 mm, color of coding/ contact carrier black



item no.	46.031.4554.1
EAN	4049088295744
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
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	L, N
color of housing inclusive strain relief	black
RAL-Nummer Codierung/Kontakteinsatz	9005

connection data

cable diameter max.	10.6 mm
cable diameter min.	5 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	female
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	0.149 kWh/St
insulation components continous temperature	100 °C
surface finish	silver-plated

dimensions

length	71 mm
width	19.9 mm
height	19.9 mm

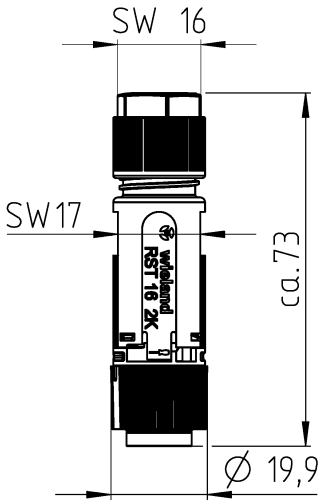
accessories

item no.	type	description
06.563.8653.1	cover for female connector SW	RST16i3/2 cover piece, for covering unused female connectors, color black
06.563.8753.1	cover for female connector SW	RST16i3/2 cover piece, for covering unused female connectors, with fastening belt, color black

assembly

item no.	type	description
46.032.4554.1	connector RST16I3/2S S1 ZT4 SW	RST® MINI connector, straight, number of poles 2, male, connection type screw connection, rated voltage 250 V, rated current 16 A, cable diameter 5 - 10.6 mm, color of coding/ contact carrier black
46.032.5054.1	device connector RST16I3/2S S1 M02 SW	RST® MINI device connector, standard, straight, M16, number of poles 2, model male, connection type screw connection, rated voltage 250 V / 400 V, rated current 16 A, color of coding/ contact carrier black
46.030.0154.1	distributor RST16I2B 3P1 FGVG SW	RST® MINI compact distributor 1I / 3O, rated voltage 250 V / 400 V, rated current 16 A, number of poles 2, degree of protection (ip) IP66/68 (3m 2h) /IP69, number of inputs 1, number of outputs 3, pole codification L, N, color of coding/ contact carrier black, ral number coding/ contact insert 9005

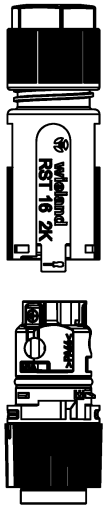
technical drawing

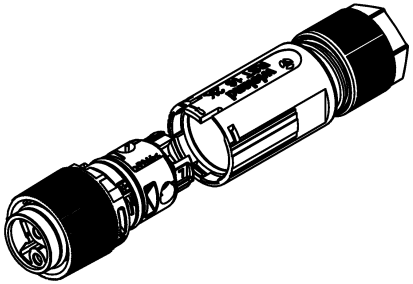


Kodierung/
Coding



Auslieferungszustand/
delivery condition





Pol nicht montiert
pole not mounted



46.031.4551.6	RST1613 S B1 ZT4S A TB	C5	türkisblau /turquoise blue
46.031.4554.9	RST1613 S B1 ZT4S H BL	C4	lichtblau /light blue
46.031.4551.4	RST1613 S B1 ZT4S L BR	C3	signalbraun /signal brown
46.031.4556.7	RST1613 S B1 ZT4S GN	C2	laubgrün /leaf green
46.031.4554.1	RST1613 S B1 ZT4 SW	C1	schwarz /black
46.031.4554.0	RST1613 S B1 ZT4 GL	C1	lichtgrau /light grey
Bestellnummer Order number	Type	Kodierung Coding	

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

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

Tolerierung Size ISO 14405 Ⓔ / Tolerance system Size ISO 14405 Ⓔ.
(This ISO-standard describes the envolope principle. According to the envolope 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: 1 of 1

Werkstoff / Material

Maßstab / Scale 1:1

Vol. mm³ Ofl./Srf. mm²

	Tag/Date	Name
gezeichnet drawn	11.04.2016	Ritter
geprüft checked		
Normgepr. Stand. check		

Zeichnung Nr. / Drawing No. 46.031.4554.0 13K

Index c

Maße in mm / Dimensions are in mm

Ersatz für / Replacement for:

Index	Datum / Blatt Date / Sheet	Änderung / Revision
c	28.10.2026 /	
b	09.05.2019 /	

wieland
www.wieland-electric.com

Type

Bennenung/Title

BUCHSENTEIL

mit Zugentlastung 2-polig^M

Diese Maße werden bei Abnahme besonders geprüft
Ausschließlich Prüfmaße
Mit E gekennzeichnete Maße sind nur für interne Zwecke gültig

These dimensions will be especially checked at delivery
Only inspection dimensions
With E marked dimensions are only valid for internal use

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QU-MEE-01/14 a