product data sheet

item no. 46.032.4951.6

connector RST16I3/2S S1 ZASS B TB

RST® MINI connector, straight, for AS-i profile cable, number of poles 2, male, connection type screw connection, rated voltage 250 V / 400 V, rated current 16 A, cable diameter 4 - 10 mm, AS-i profile cable, color of coding/ contact carrier turquoise blue



item no.	46.032.4951.6
EAN	4049088400575
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	turquoise blue
Pole codification	D1, D2
color of housing inclusive strain relief	black
RAL-Nummer Codierung/Kontakteinsatz	5018

connection data

cable diameter max.	10 mm
cable diameter min.	4 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
special cable geometry	AS-i profile cable
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	0.131 kWh/St
insulation components continous temperature	100 °C
surface finish	silver-plated

dimensions

length	64 mm
width	19.9 mm
height	19.9 mm

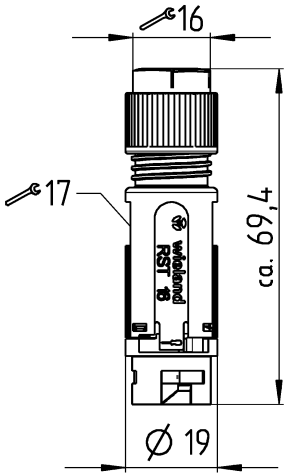
accessories

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

assembly

item no.	type	description
46.031.5051.6	device connector RST16I3/2S B1 M02 A TB	RST® MINI device connector, standard, straight, M16, number of poles 2, model female, connection type screw connection, rated voltage 250 V / 400 V, rated current 16 A, color of coding/ contact carrier turquoise blue
46.030.0151.6	distributor RST16I2B 3P1 FGVGA TB	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 D1, D2, color of coding/ contact carrier turquoise blue, ral number coding/contact

technical drawing



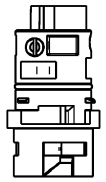
Kodierung/
coding

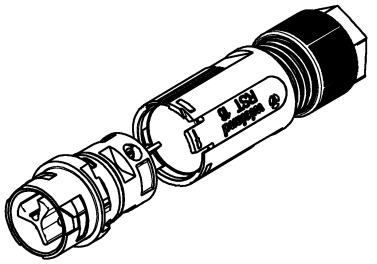

C3


C5

Auslieferungszustand/
delivery condition







Pol nicht montiert
pole not mounted



46.032.4951.4	RST16i3/2S S1 ZASS B BR	C3	signalbraun/signalbrown
46.032.4951.6	RST16i3/2S S1 ZASS B TB	C5	türkisblau/turquoiseblue
Bestell-Nr. order-no.	Typ	Kodierung coding	Farbe colour
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 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: 1 of 1

Werkstoff / Material

Maßstab / Scale: 1:1

Vol. mm³ Oft./Srf. mm²

	Tag/Date	Name
gezeichnet / drawn	07.02.2017	Duetsch T .
geprüft / checked		
Normgeor. Stand. check		

Zeichnung Nr. / Drawing No.: T 46.032.4951.4 13K

Index: -

Maße in mm / Dimensions are in mm

Ersatz für / Replacement for:

Type: RST16i3/2

Bennenung/Title: STECKERT. MIT. ZUGENTL.
male with strain relief
FA 2P für AS-i Leitung

wieland
www.wieland-electric.com

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

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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