product data sheet

item no. 96.031.6151.4

device connector RST20I3S B1 M03 L BR0

RST® CLASSIC device connector, modular, straight, M16, number of poles 3, model female, connection type screw connection, rated voltage 50 V / 120 V, rated current 20 A, color of coding/ contact carrier signal brown



item no.	96.031.6151.4
EAN	4015573950764
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.positioning realised with flattened thread

general

rated current	20 A
rated voltage	50 V / 120 V
pollution degree	3
rated impulse voltage	4 kV
continuity resistor	0.55 mOhm
lockable	self-locking (unlocking by tool)
color of coding/ contact carrier	signal brown
marking of poles	1, 2, PE
color of separate adapter (if present)	black

connection data

connection cross section solid mm² max.	6 mm²
connection cross section solid mm² min.	0.75 mm²
connection cross section fine stranded mm² max.	6 mm²
connection cross section fine stranded mm² min.	0.75 mm²
terminations per pole	1
wire strip length	8 mm

model

model	female
connection type	screw connection
connecting thread metric	M16
angle of plug	straight
degree of protection (IP)	IP66/68 (3m;2h) /IP69
thickness of housings (electrical device)	0.5 mm
thickness of housings (electrical device)	8 mm

material

housing material	polyamide
halogen free	yes
contact material	CuZn
fire load	0.202 kWh/St
insulation components continous temperature	100 °C
surface finish	silver-plated

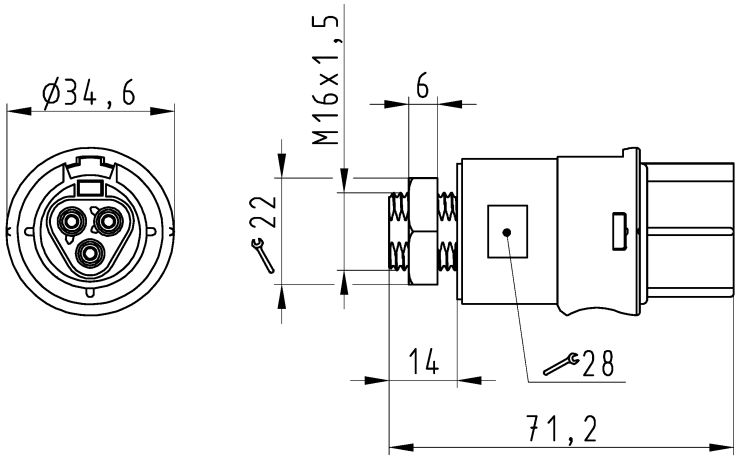
dimensions

length	71.2 mm
width	34.6 mm
height	34.6 mm

accessories

item no.	type	description
99.414.6205.2	cover for female connector SW	RST20i3/2 cover piece, for covering unused female connectors, with fastening belt, color black
Z5.564.4553.1	cover for female connector SW	RST20i3/2 cover piece, for covering unused female connectors, color black
05.564.8653.1	manual disconnect RST20i3/i5 SCHWARZ	Manual disconnect for later installation of RST connectors, color black

technical drawing

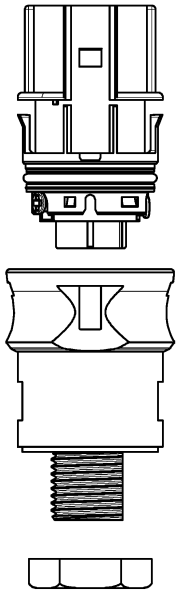


These dimensions will be especially checked at delivery
Only inspection dimensions
With /E marked dimensions are only valid for internal use

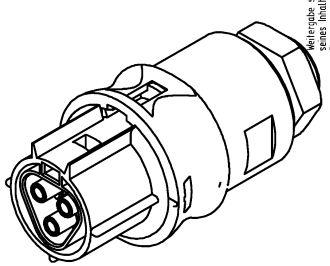
Diese Maße werden bei Abnahme besonders geprüft
Ausschließlich Prüfmaße
Mit /E gekennzeichnete Maße sind nur für interne Zwecke gültig

Auslieferungszustand

delivery status



Verpackungseinheit: je 100 Stück
packaging unit: per 100



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96.031.6151.4	RST2013S B1 M03 L BR01	signalbraun /signalbrown
Bestellnummer /Order number	Typ /Type	Farbe /color

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

Oeffnungsmassbild siehe 96.031.2153.1 14K
opening dimension see 96.031.2153.1 14K

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: Sheet: 1 von of 1

Werkstoff/Material

Maßstab/Scale 1:1

Vol. mm³ Ofl./Surf. mm²

	Name	Tag/Date
2015		
gezeichnet drawn	HoffmannT	22.07.
geprüft checked	-	-
Normgepr. Stand. check	-	-

Zeichnung Nr./Drawing No. 96.031.6151.4 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

BUCHSENTEIL
female connector