product data sheet

item no. 96.031.5053.0

device connector RST20I3S B1 M01 GL

RST® CLASSIC device connector, standard, straight, M25, number of poles 3, model female, connection type screw connection, rated voltage 250 V, rated current 20 A, color of coding/ contact carrier light grey



item no.	96.031.5053.0
EAN	4015573793231
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	250 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	light grey
Pole codification	L, N, PE

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	M25
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	0.135 kWh/St
insulation components continous temperature	100 °C
surface finish	silver-plated

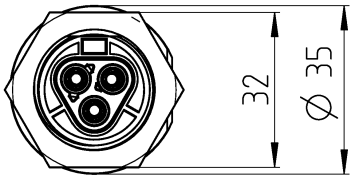
dimensions

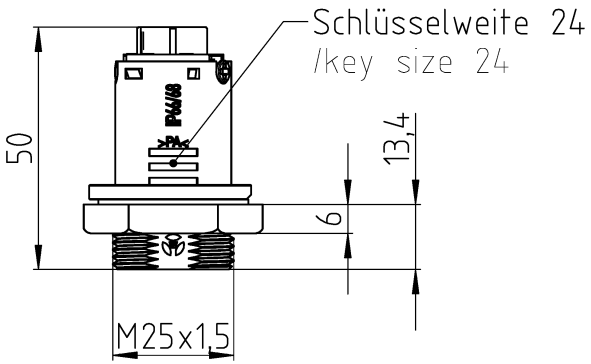
length	50.5 mm
width	35 mm
height	35 mm

accessories

item no.	type	description
99.413.6205.2	cover for female connector GL	RST20i3/2 cover piece, for covering unused female connectors, with fastening belt, color light grey
Z5.564.4553.0	cover for female connector GL	RST20i3/2 cover piece, for covering unused female connectors, color light grey
05.566.5253.0	distance ring RST	RST20/25 distance ring, for device connectors to ensure unlocking with screwdriver, color light grey

technical drawing

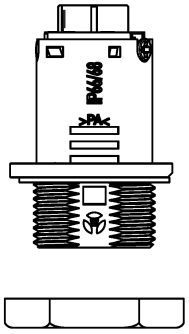


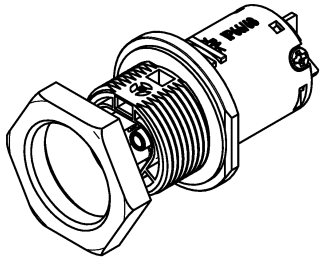


Öffnungsbild siehe 96.031.1053.1 14K
/opening dimension see 96.031.1053.1 14K

Auslieferungszustand
/delivery status

Verpackungseinheit: je 100 Stück
/packaging unit: per 100





Bestellnummer /order number	Typ /type	Farbe /color
96.031.5053.1	RST20I3S B1 M01 SW	schwarz /black
96.031.5053.0	RST20I3S B1 M01 GL	lichtgrau /lightgrey

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 Ofl./Srf. mm²

Ersatz für / Replacement for:

	Tag/Date	Name
gezeichnet / drawn	06.07.2015	HoffmannT

Elektronische Freigabe
Electronic Release

Zeichnung Nr. / Drawing No.: T 96.031.5053.0 13K

Index: a

Maße in mm / Dimensions are in mm

Index	Datum / Blatt Date / Sheet	Änderung / Revision
a	13.09.2024 /	

wieland

Type

Benennung/Title: BUCHSENTEIL
female connector

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Vertraulichkeitsklasse: Vertraulich
confidentiality class: confidential

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

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

2024-10-09 14:00:52 1.000

01-QU-RD-32/21