product data sheet

item no. 96.032.5053.1

device connector RST20I3S S1 M01V SW

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



item no.	96.032.5053.1
EAN	4015573793262
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	black
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	male
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	0.114 kWh/St
insulation components continous temperature	100 °C
surface finish	silver-plated

dimensions

length	48.1 mm
width	35 mm
height	35 mm

accessories

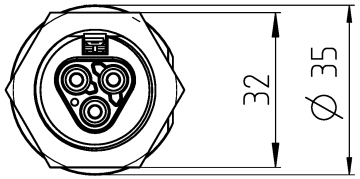
item no.	type	description
05.564.4453.1	cover for male connector SW	RST20i3/2 cover piece, for covering unused male connectors, color black
99.416.6205.2	cover for male connector SW	RST20i3/2 cover piece, for covering unused male connectors, with fastening belt, color black

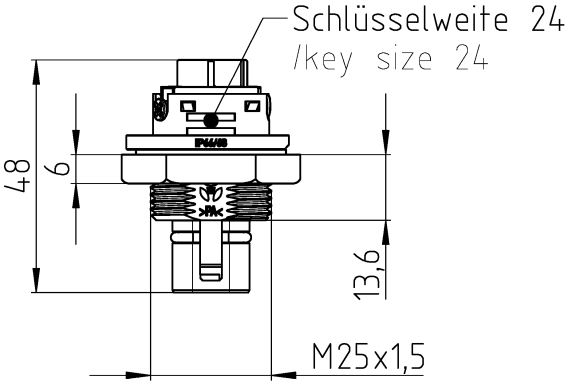
technical drawing

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Vertraulichkeitsklasse: Vertraulich
confidentiality class: confidential

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

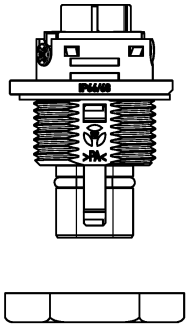


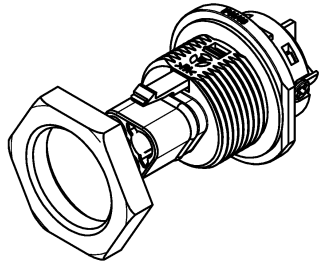


Öffnungsbild siehe 96.031.1053.1 14K
/opening dimension see 96.031.1053.1 14K

Auslieferungszustand
/delivery status

Verpackungseinheit: je 100 Stück
/packaging unit: per 100





96.032.5053.1	RST20I3S S1 M01V SW	schwarz /black
96.032.5053.0	RST20I3S S1 M01V GL	lichtgrau /lightgrey
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

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		Tag/Date	Name	Zeichnung Nr. / Drawing No. Index
/			gezeichnet drawn	10.07.2015	HoffmannT	T 96.032.5053.0 13K a
/	Maßstab / Scale 1:1		Elektronische Freigabe Electronic Release			Maße in mm / Dimensions are in mm
/	Vol. mm³	Ofl./Srf. mm²	Ersatz für / Replacement for:			
/			Type	Benennung/Title		
a 13.09.2024 / Index Datum / Blatt Date / Sheet	wieland			STECKERTEIL male connector		
Änderung / Revision						

2024-10-09 14:05:02 1.000