Data sheet

Commercial Art.No.: 96.041.5053.1

Device connector RST20I4S B1 M01 SW

RST20i5/4 device connector M25, 4 pole, female, screw connection, application 250/400V with PE, 20A, coding color black

Commercial Art.No.	96.041.5053.1
EAN	4015573863309
Order Unit	1

Certificates / Approvals

Technical data

General

Rated current	20 A
Rated voltage	250 V / 400 V
Pollution degree	3
Rated impulse voltage	4 kV
Lockable	self-locking (unlocking by tool)
Color of coding/ contact carrier	black
Marking of poles	1, 2, 3, PE
Color of separate adapter (if present)	black

Connection Data

Connection cross section solid mm² max.	4 mm²
Connection cross section solid mm² min.	0.75 mm²
Connection cross section solid AWG min.	18 AWG
Connection cross section solid AWG max.	14 AWG
Connection cross section fine stranded mm² max.	4 mm²
Connection cross section fine stranded mm² min.	0.75 mm²
Terminations per pole	1
Wire strip length	8 mm
Connection cross section stranded AWG min.	18 AWG
Connection cross section stranded AWG max.	14 AWG

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) 2	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
Insulation components continous temperature	100 °C
Surface finish	Silver-plated

Dimensions

Length	51.4 mm
Width	35 mm
Height	35 mm

Classification

ECLASS 11	
ECLASS 8.1	27440602
ETIM 7.0	EC002566
ETIM 6.0	EC002566
ETIM 5.0	EC002566
ETIM 4.0	EC002566

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

Product compliance

ROHS conformity status	Compliant/Exempted
ROHS exceptions	III-6(c)
REACH-SVHC conformity status	Duty-To-Declare
REACH-SVHC substances	Lead
REACH-SVHC CAS numbers	7439-92-1

Accessories

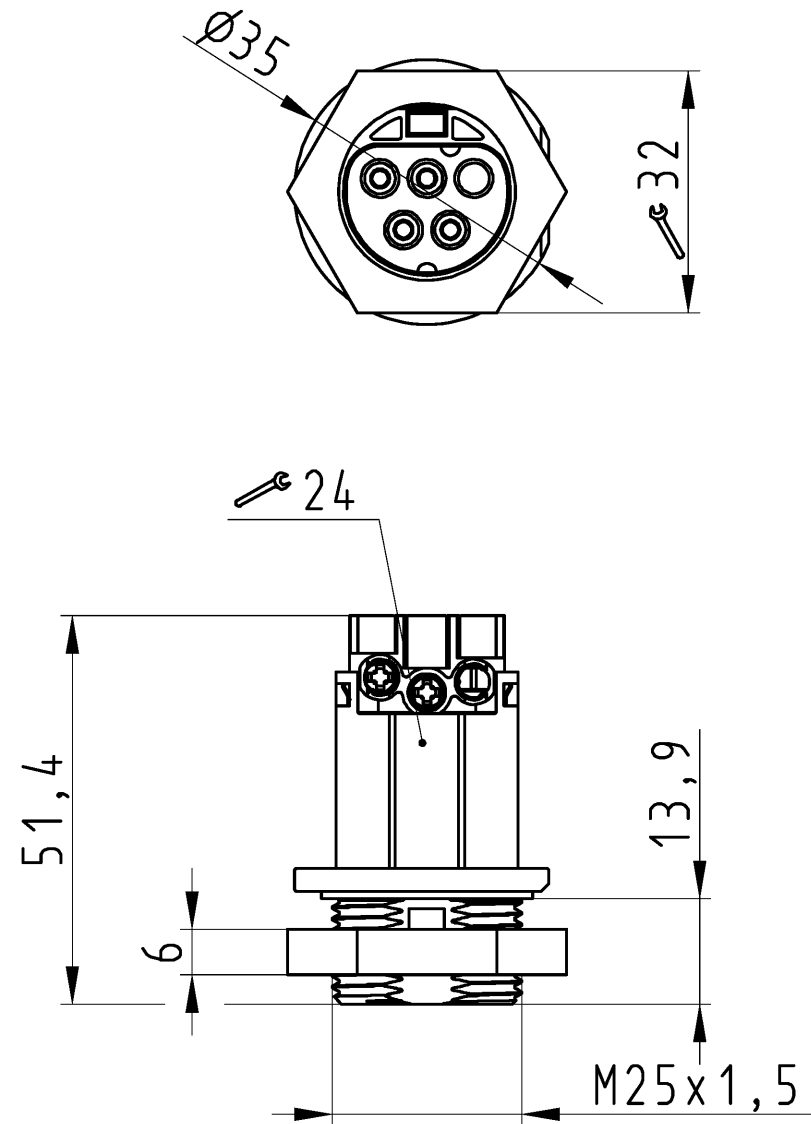| Commercial Art.No.:	Article-type description:	Description:
05.566.5253.1	Spacer ring RST	RST20/25 distance ring, for device connectors to ensure unlocking with screwdriver, color black
99.530.0000.7	Cover for female connector SW	RST20i5/4 cover piece, for covering unused female connectors, with fastening belt, color black
Z5.565.9853.1	Cover for female connector SW	RST20i5/4 cover piece, for covering unused female connectors, color blac
05.564.8653.1	Opener RST20i3/i5 SCHWARZ	Manual disconnect for later installation of RST connectors, color black

Fits with

Commercial Art.No.:	Article-type description:	Description:
96.042.4053.1	Connector RST20I4S S1 ZR1 V SW	RST20i5/4 connector, 4 pole, male, screw connection, application 250/400V with PE, 20A, for cable diameters 6-10mm, coding color black, color of housing black
96.042.4153.1	Connector RST20I4S S1 ZR2 V SW	RST20i5/4 connector, 4 pole, male, screw connection, application 250/400V with PE, 20A, for cable diameters 10-14mm, coding color black, color of housing black
96.042.4553.1	Connector RST20I4S S1 ZR3 V SW	RST20i5/4 connector, 4 pole, male, screw connection, application 250/400V with PE, 20A, for cable diameters 14-18mm, coding color black, color of housing black
96.044.4053.1	Connector RST20I4S S1 YR1 V SW	RST20i5/4 connector (90° angled), 4 pole, male, screw connection, application 250/400V with PE, 20A, for cable diameters 6-10mm, coding color black, color of housing black
96.044.4153.1	Connector RST20I4S S1 YR2 V SW	RST20i5/4 connector (90° angled), 4 pole, male, screw connection, application 250/400V with PE, 20A, for cable diameters 10-14mm, coding color black, color of housing black
96.042.4353.1	Connector RST20I4S S1 ZRY V SW	RST20i5/4 splitter connector, 4 pole, male, screw connection, application 250/400V with PE, 20A, for cable diameters 10-14mm, coding color black, color of housing black

Auslieferungszustand

delivery status

⌀35

32

⌀24

51,4

13,9

6

M25x1,5
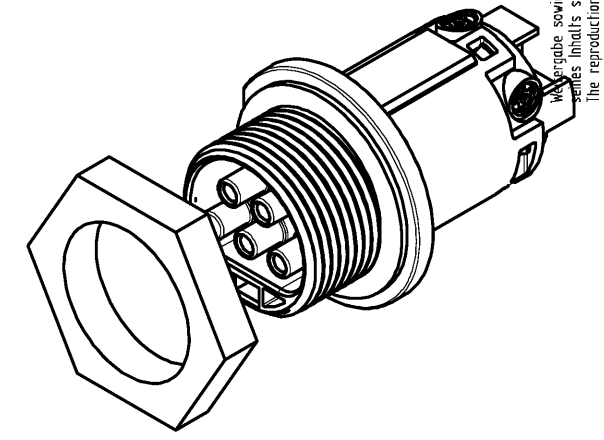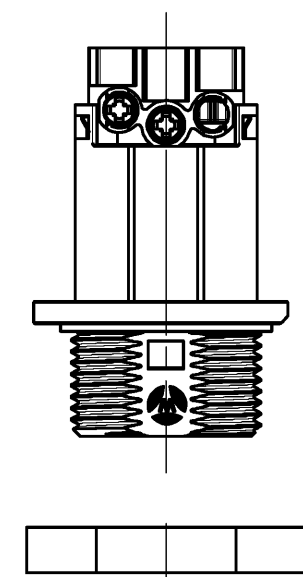
Verpackungseinheit: je 100 Stück
packaging unit: per 100

Bestellnummer /Order number	Typ /Type	Farbe /color
96.041.5053.1	RST20I4S B1 M01V SW	schwarz /black
96.041.5053.0	RST20I4S B1 M01V GL	lichtgrau /lightgrey

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

Oeffnungsmassbild siehe 96.031.1053.1 14K
opening dimension see 96.031.1053.1 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: 1 von
Sheet: of 1

		Werkstoff/Material	2015	Tag/Date	Name	Zeichnung Nr./Drawing No.	Index
	/		gezeichnet drawn	13.07.	Nagengast F.		
	/	Maßstab/Scale	geprüft checked	-	-	**96.041.5053.0 13K**	
	/	1:1	Normgepr. Stand. check	-	-		
	/	Vol. mm³ Ofl./Surf. mm²	Ersatz für/Replacement for: -			Maße in mm/Dimensions are in mm	

Type | Benennung/Title

BUCHSENTEIL
female connector

Index | Datum / Blatt Date / Sheet

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Änderung/Revision

QU-MEE-01/14 -