Data sheet

Commercial Art.No.: 96.052.6053.0

Device connector RST20I5S S1 M00V GL

RST20i5 device connector M20, 5 pole, male, screw connection, modular, application 250/400V with PE, 20A, coding color light grey, color of housing light grey

Commercial Art.No.	96.052.6053.0
EAN	4015573861794
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	light grey
Marking of poles	1, 2, 3, N, PE
Color of separate adapter (if present)	light grey

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	male
Connection type	screw connection
Connecting thread metric	M20

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	0.204 kWh
Insulation components continous temperature	100 °C
Surface finish	Silver-plated

Dimensions

Length	66.2 mm
Width	34.6 mm
Height	34.6 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

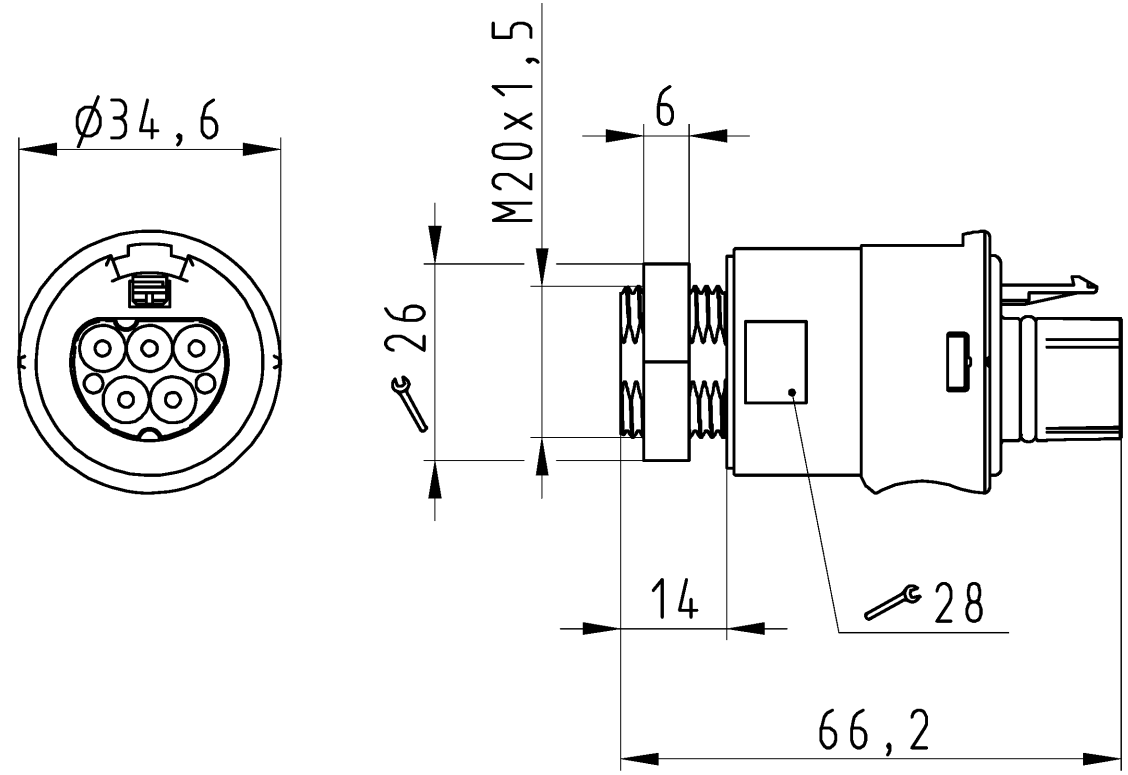| ROHS conformity status	Compliant/Exempted
ROHS exceptions	III-6(c)
REACH-SVHC conformity status	Duty-To-Declare
REACH-SVHC substances	Lead
REACH-SVHC CAS numbers	7439-92-1

Accessories

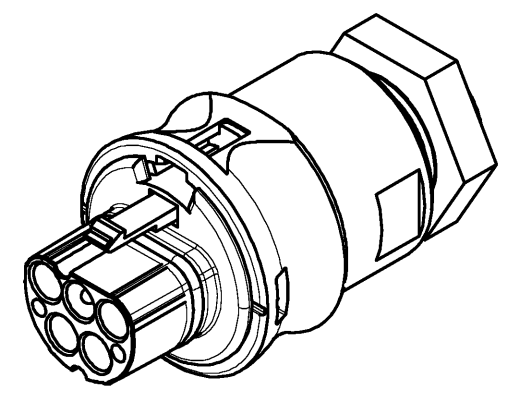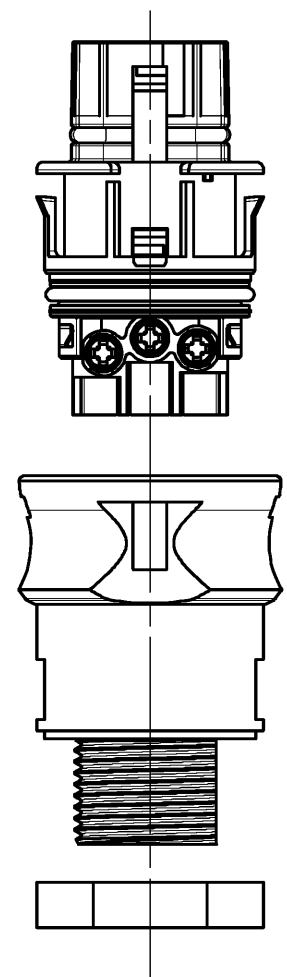| Commercial Art.No.:	Article-type description:	Description:
05.565.9953.0	Cover for male connector GL	RST20i5/4 cover piece, for covering unused male connectors, color light grey
99.531.0000.7	Cover for male connector GL	RST20i5/4 cover piece, for covering unused male connectors, with fastening belt, color light grey

Fits with

Commercial Art.No.:	Article-type description:	Description:

96.051.4053.0	Connector RST20I5S B1 ZR1 GL	RST20i5 connector, 5 pole, female, screw connection, application 250/400V with PE, 20A, for cable diameters 6-10mm, coding color light grey, color of housing light grey
96.051.4153.0	Connector RST20I5S B1 ZR2 GL	RST20i5 connector, 5 pole, female, screw connection, application 250/400V with PE, 20A, for cable diameters 10-14mm, coding color light grey, color of housing light grey
96.051.4553.0	Connector RST20I5S B1 ZR3 GL	RST20i5 connector, 5 pole, female, screw connection, application 250/400V with PE, 20A, for cable diameters 14-18mm, coding color light grey, color of housing light grey
96.053.4053.0	Connector RST20I5S B1 YR1 GL	RST20i5 connector (90° angled), 5 pole, female, screw connection, application 250/400V with PE, 20A, for cable diameters 6-10mm, coding color light grey, color of housing light grey
96.053.4153.0	Connector RST20I5S B1 YR2 GL	RST20i5 connector (90° angled), 5 pole, female, screw connection, application 250/400V with PE, 20A, for cable diameters 10-14mm, coding color light grey, color of housing light grey
96.051.4253.0	Connector RST20I5S B1 ZRX GL	RST20i5 splitter connector, 5 pole, female, screw connection, application 250/400V with PE, 20A, for cable diameters 6-10mm, coding color light grey, color of housing light grey
96.051.4353.0	Connector RST20I5S B1 ZRY GL	RST20i5 splitter connector, 5 pole, female, screw connection, application 250/400V with PE, 20A, for cable diameters 10-14mm, coding color light grey, color of housing light grey

Auslieferungszustand

delivery status

Ø34,6

M20x1,5

6

26

14

28

66,2

Verpackungseinheit: je 100 Stück
packaging unit: per 100

Bestellnummer /Order number	Typ /Type	Farbe /color
96.052.6053.1	RST20I5S S1 M03V SW	schwarz /black
96.052.6053.0	RST20I5S S1 M03V GL	lichtgrau /light grey

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

Oeffnungsmassbild siehe 96.031.2053.1 14K
opening dimension see 96.031.2053.1 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 1
Sheet: of

		Werkstoff/Material	2015	Tag/Date	Name	Zeichnung Nr./Drawing No.	Index
	/		gezeichnet drawn	15.07.	Nagengast F.	T	
	/	Maßstab/Scale	geprüft checked	-	-	96.052.6053.0 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

wieland
www.wieland-electric.com

STECKERTEIL
male connector

Index | Datum / Blatt Date / Sheet

Änderung/Revision