Data sheet

Commercial Art.No.: 96.032.0253.1

Connector RST20I3F S2 ZRX V SW

RST20i3 splitter connector, 3 pole, male, spring clamp connection, application 250V
with PE, 20A, for cable diameters 6-10mm, coding color black, color of housing black

Commercial Art.No.	96.032.0253.1
EAN	4015573993334
Order Unit	1

Certificates / Approvals

Technical data

General

Rated current	20 A
Rated voltage	250 V
Rated impulse voltage	4 kV
strain relief	yes
Pollution degree	3
Lockable	self-locking (unlocking by tool)
Color of coding/ contact carrier	black
Marking of poles	L, N, PE
Color of housing inclusive strain relief	black

Connection Data

Cable diameter max.	10 mm
Cable diameter min.	6 mm
Connection cross section solid mm² max.	2.5 mm²
Connection cross section solid mm² min.	0.5 mm²
Connection cross section solid AWG min.	20 AWG
Connection cross section solid AWG max.	14 AWG
Connection cross section fine stranded mm² max.	1.5 mm²
Connection cross section fine stranded mm² min.	0.5 mm²
Connection cross section fine stranded AWG min.	1.5 AWG
Terminations per pole	2
Connection cross section stranded mm² min.	0.75 mm²
Connection cross section stranded mm² max.	1.5 mm²
Connection cross section stranded AWG min.	20 AWG
Connection cross section stranded AWG max.	16 AWG
sheath strip length	50 mm

Wire strip length	14.5 mm

Model

Model	male
Connection type	spring clamp connection
Degree of protection (IP)	IP66/68 (3m;2h) /IP69

Material

Housing material	Polyamide
halogen free	yes
Contact material	CuZn
Fire load	0.493 kWh
Insulation components continous temperature	100 °C
Surface finish	Silver-plated

Dimensions

Length	93 mm
Width	59 mm
Height	38 mm

Classification

ECLASS 11	
ECLASS 8.1	27440605
ETIM 7.0	EC002560
ETIM 6.0	EC002560
ETIM 5.0	EC002560
ETIM 4.0	EC002560

Note

Note	Fine stranded and stranded conductors require cable end sleeve

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:
06.502.4300.0	screwdriver DIN 5264 A 0,4 X 2,5	Screw driver according to DIN 5264 A, blade: 0.4x2.5 mm, long and straight version
95.101.1300.0	ferrule crimping tool 0,08 - 10 mm²	Crimping tool for ferrules, wire strip length: 7-28 mm, nominal cross section: 0,08-10 mm², length of tool: 180 mm
06.600.3627.0	ferrules DIN 46228-E1-12	RST end sleeve, for spring clamp contact, with insulating sleeve, for cross section 1.0 mm²/AWG17

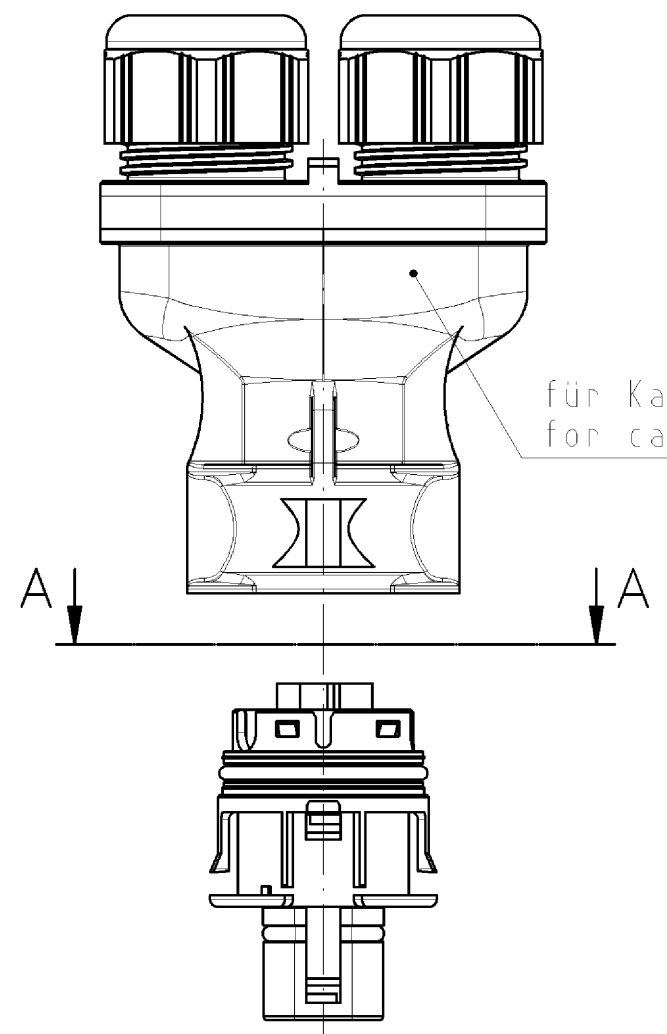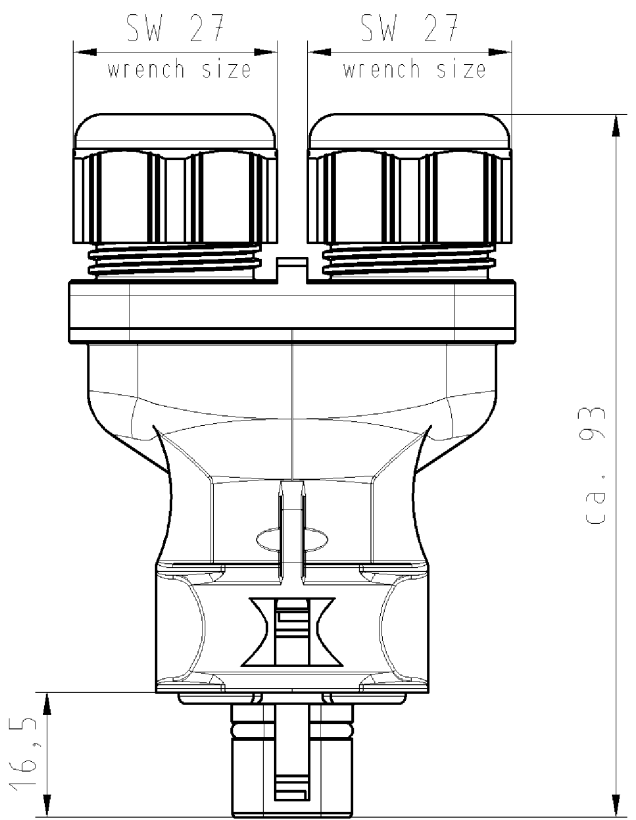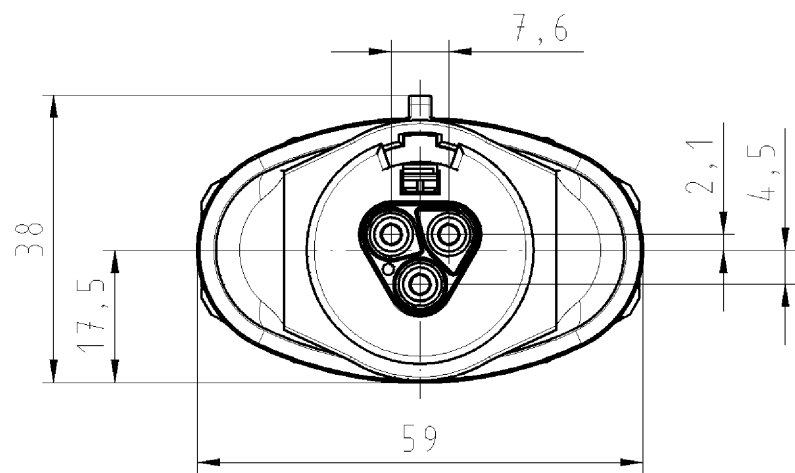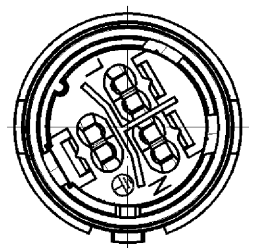| 06.600.3727.0	ferrules DIN 46228-E0,75-12	RST end sleeve, for spring clamp contact, with insulating sleeve, for cross section 0.75-1.0 mm²/AWG17
06.600.3827.0	ferrules DIN 46228-E0,5-10	RST end sleeve, for spring clamp contact, with insulating sleeve, for cross section 0.5 mm²/AWG20
06.600.3927.0	ferrules DIN 46228-E1,5-12	RST end sleeve, for spring clamp contact, with insulating sleeve, for cross section 1.5 mm²/AWG16
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

Fits with

Commercial Art.No.:	Article-type description:	Description:
96.030.0153.1	Distributor RST20I3V 3P1 F V SW	RST20i3 distribution block, 3 pole, application 250V with PE, 20A, 1 input and 3 outputs, with fastening option, coding color black, color of housing black
96.031.1053.1	Device connector RST20I3F B2 M01 SW	RST20i3 device connector M25, 3 pole, female, spring clamp connection, application 250V with PE, 20A, coding color black
96.031.0253.1	Connector RST20I3F B2 ZRX SW	RST20i3 splitter connector, 3 pole, female, spring clamp connection, application 250V with PE, 20A, for cable diameters 6-10mm, coding color black, color of housing black
96.031.2153.1	Device connector RST20I3F B2 M03 SW	RST20i3 device connector M16, 3 pole, female, spring clamp connection, modular, application 250V with PE, 20A, coding color black, color of housing black
96.031.2053.1	Device connector RST20I3F B2 M00 SW	RST20i3 device connector M20, 3 pole, female, spring clamp connection, modular, application 250V with PE, 20A, coding color black, color of housing black
96.033.2053.1	Device connector RST20I3F B2 M90 SW	RST20i3 device connector (90° angled) M20, 3 pole, female, spring clamp connection, modular, application 250V with PE, 20A, coding color black, color of housing black
96.035.2153.1	Device connector RST20I3F B2 M13 SW	RST20i3 device connector (7° angled) M16, 3 pole, female, spring clamp connection, modular, application 250V with PE, 20A, coding color black, color of housing black

7,6

2,1

4,5

38

17,5

59

Schnitt/section A-A

für Kabel-∅ 6-10mm
for cable-∅ 6-10mm

SW 27
wrench size

SW 27
wrench size

A

A

ca. 93

16,5

M 1:2
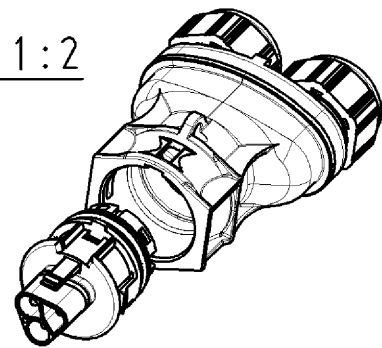
Teile-Nr. part-no.	Farbe colour	Einz.-Tl.-Nr. single part-no. *)
96.032.0253.0	grau/grey	.._.._...._0
96.032.0253.1	schwarz/black	.._...._....1

Tolerierung nach DIN 7167/Tolerance system acc. to DIN 7167.
[This DIN-standard desbribes 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 UU-TQM-05/03 ist einzuhalten.
Conformity with Wieland document UU-TQM-05/03 (list of prohibited /
declarable hazardous substances) to be declared!

Freitoleranz nach
General tolerance DIN ISO 2768 - m

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	2007	Tag/Date	Name
/			gezeichnet drawn	29.10.	Duetsch
/	Maßstab/Scale		geprüft checked	-	-
/	1:1		Normgepr. Stand. check	-	-

Zeichnung Nr./Drawing No.
T
96.032.0253.0 01K
Index

Maße in mm/Dimensions are in mm

Vol. mm³ Ofl./Surf. mm²

Ersatz für/Replacement for: -

Type
RST2013
F S2 ZRX V

Benennung/Title
MALE CONNECTOR WITH TWIN CORD GRIP
STECKERTEIL_MIT_DOPPELZUGENTLA
mit Federkraftanschluß
with spring clamp-connection

wieland
Elektrische
Verbindungen

Index Datum / Blatt
Date / Sheet

Änderung/Revision

QU-PEM-08/91