product data sheet

item no. 96.033.2053.1

device connector RST20I3F B2 M90 SW

RST® CLASSIC device connector, modular, angled 90°, M20, number of poles 3, model female, connection type spring clamp connection, rated voltage 250 V, rated current 20 A, color of coding/ contact carrier black



item no.	96.033.2053.1
EAN	4015573858763
order unit	100 piece(s)

certificates / approvals

technical data

note

note	fine stranded and stranded conductors require cable end sleevepositioning realised with flattened thread

general

rated current	20 A
rated voltage	250 V
pollution degree	3
rated impulse voltage	4 kV
continuity resistor	0.8 mOhm
lockable	self-locking (unlocking by tool)
color of coding/ contact carrier	black
marking of poles	L, N, PE
color of separate adapter (if present)	black

connection data

connection cross section solid mm² max.	2.5 mm²
connection cross section solid mm² min.	0.5 mm²
connection cross section fine stranded mm² max.	1.5 mm²
connection cross section fine stranded mm² min.	0.5 mm²
terminations per pole	2
wire strip length	14.5 mm

model

model	female
connection type	spring clamp connection
connecting thread metric	M20

angle of plug	square
inclination	90 °
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	0.24 kWh/St
insulation components continous temperature	100 °C
surface finish	silver-plated

dimensions

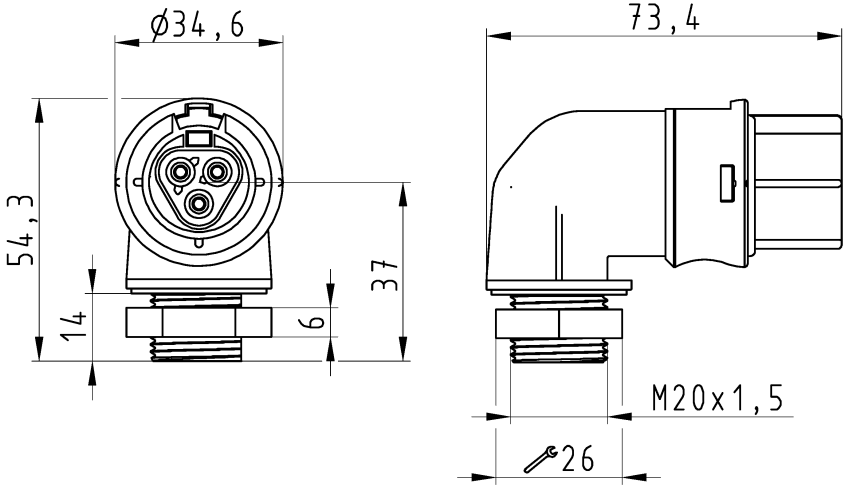
length	73.4 mm
width	34.6 mm
height	54.3 mm

accessories

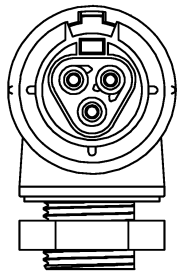
item no.	type	description
99.414.6205.2	cover for female connector SW	RST20i3/2 cover piece, for covering unused female connectors, with fastening belt, color black
Z5.564.4553.1	cover for female connector SW	RST20i3/2 cover piece, for covering unused female connectors, color black
06.502.4300.0	screwdriver 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	ferrule DIN 46228-E1-12	RST ferrule, for spring clamp contact, with insulating sleeve, for cross section 1.0 mm²/AWG17
06.600.3727.0	ferrule DIN 46228-E0,75-12	RST ferrule, for spring clamp contact, with insulating sleeve, for cross section 0.75-1.0 mm²/AWG17
06.600.3827.0	ferrule DIN 46228-E0,5-10	RST ferrule, for spring clamp contact, with insulating sleeve, for cross section 0.5 mm²/AWG20
06.600.3927.0	ferrule DIN 46228-E1,5-12	RST ferrule, for spring clamp contact, with insulating sleeve, for cross section 1.5 mm²/AWG16

technical drawing

96.033.2053.0/1



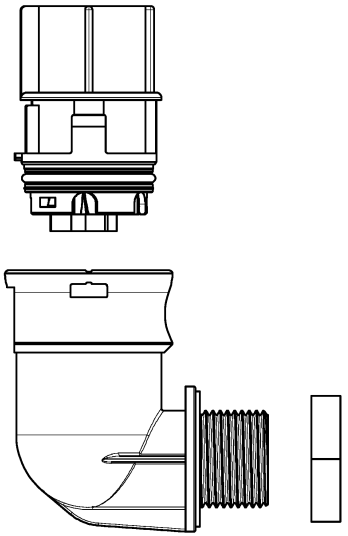
96.033.2055.7



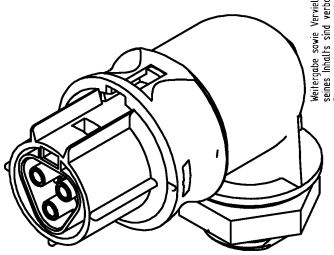
These dimensions will be especially checked at delivery
Only inspection dimensions
With /E marked dimensions are only valid for internal use
Diese Maße werden bei Abnahme besonders geprüft
Ausschließlich Prüfmaße
Mit /E gekennzeichnete Maße sind nur für interne Zwecke gültig

Auslieferungszustand

delivery status



Verpackungseinheit: je 100 Stück
packaging unit: per 100



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96.033.2055.7	RST2013F B2 M90 H GN02	grün /green
96.033.2053.1	RST2013F B2 M90 SW	schwarz /black
96.033.2053.0	RST2013F B2 M90 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**

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: Sheet: 1 von of 1

Werkstoff/Material

Maßstab/Scale 1:1

Vol. mm³ Ofl./Surf. mm²

	Tag/Date	Name
2015		
gezeichnet drawn	03.08.	HoffmannT
geprüft checked	-	-
Normgepr. Stand. check	-	-

Zeichnung Nr./Drawing No. T 96.033.2053.0 13K

Index

Maße in mm/Dimensions are in mm

Ersatz für/Replacement for: -

Index / Datum / Blatt Date / Sheet

Änderung/Revision

wieland www.wieland-electric.com

Type

Benennung/Title

BUCHSENTEIL_90GRAD

female connector 90°

960332053013K_1 CADW3034 HoffmannT 2015-09-08T11:40:37 1.000

QU-MEE-01/14 -