product data sheet

item no. 96.031.6055.7

device connector RST20I3S B1 M00 H GN0

RST® CLASSIC device connector, modular, straight, M20, number of poles 3, model female, connection type screw connection, rated voltage 250 V / 400 V, rated current 20 A, color of coding/ contact carrier leaves green



item no.	96.031.6055.7
EAN	4015573875227
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 / 400 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	leaves green
marking of poles	1, 2, PE
color of separate adapter (if present)	black

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	female
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)	0.5 mm

thickness of housings (electrical device)	8 mm

material

housing material	polyamide
halogen free	yes
contact material	CuZn
fire load	0.214 kWh/St
insulation components continous temperature	100 °C
surface finish	silver-plated

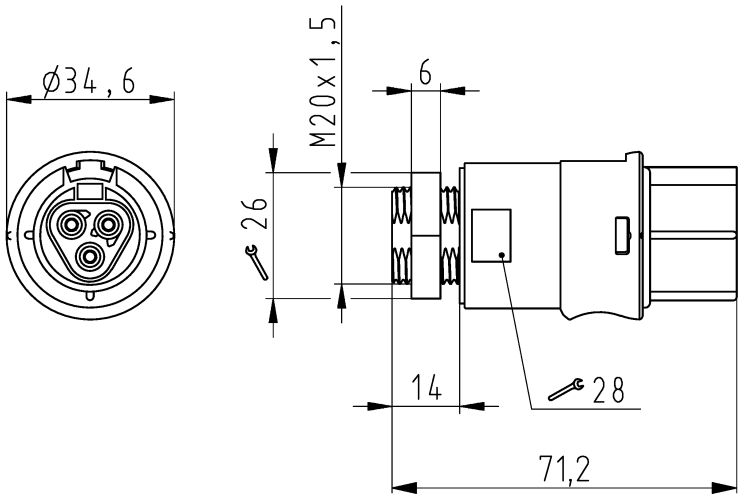
dimensions

length	68.2 mm
width	35 mm
height	35 mm

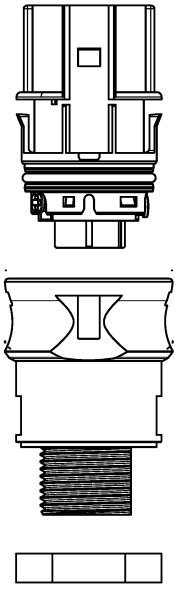
accessories

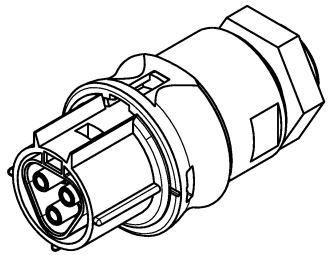
item no.	type	description
99.414.6205.2	cover for female connector SW	RST20i3/2 cover piece, for covering unused female connectors, with fastening belt, color black
Z5.564.4553.1	cover for female connector SW	RST20i3/2 cover piece, for covering unused female connectors, color black

technical drawing



Auslieferungszustand
delivery status





Verpackungseinheit: je 100 Stück
packaging unit: per 100

96.031.6055.7	RST20I3S B1 M00 H GN02	Grün/green
Bestellnummer/ order number	Typ/ type	Farbe/ color
Weitere Daten siehe KATALOG oder eKatalog		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: 1 of 1

Werkstoff / Material

Maßstab / Scale 1:1

	Tag/Date	Name
gezeichnet drawn	21.07.2015	Nagengast

Elektronische Freigabe
Electronic Release

Zeichnung Nr. / Drawing No. 96.031.6055.7 13K

Index a

Maße in mm / Dimensions are in mm

Vol. mm³ Ofl./Srf. mm²

Ersatz für / Replacement for:

Index	Änderung / Revision	Datum / Blatt Date / Sheet
a		15.12.2022 /

wieland

Type

Benennung/Title

BUCHSENTEIL
female connector

Diese Maße werden bei Abnahme besonders geprüft
Ausschließlich Prüfmaße

Mit E gekennzeichnete Maße sind nur für interne Zwecke gültig

These dimensions will be especially checked at delivery
Only inspection dimensions

With E marked dimensions are only valid for internal use

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