product data sheet

item no. 46.031.M054.9

device connector RST16I3/2 B D03 MBL

RST® MINI device connector, modular, straight, M20, number of poles 2, model female, connection type spring clamp connection, rated voltage 250 V / 400 V, rated current 16 A, color of coding/ contact carrier light blue



item no.	46.031.M054.9
EAN	4049088661570
order unit	50 piece(s)

certificates / approvals

technical data

note

note	positioning realised with flattened thread

general

rated current	16 A
rated voltage	250 V / 400 V
pollution degree	3
rated impulse voltage	4 kV
lockable	self-locking (unlocking by hand)
color of coding/ contact carrier	light blue
Pole codification	1, 2

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.	2.5 mm²
connection cross section fine stranded mm² min.	0.5 mm²
terminations per pole	2

model

model	female
connection type	spring clamp connection
connecting thread metric	M20
angle of plug	straight
degree of protection (IP)	IP66/68 (3m;2h) /IP69
thickness of housings (electrical device)	1 mm
thickness of housings (electrical device)	4 mm

material

housing material	polyamide
halogen free	yes

contact material	CuZn
fire load	0.089 kWh/St
insulation components continous temperature	100 °C
surface finish	silver-plated

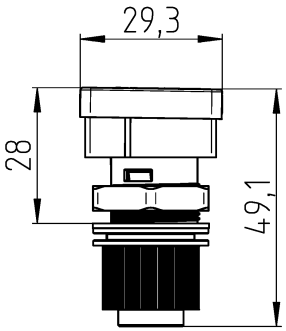
dimensions

length	43.5 mm
width	29.3 mm
height	24 mm

technical drawing

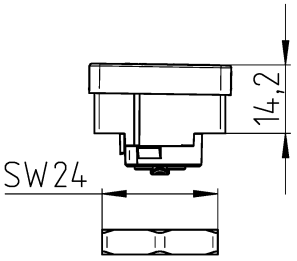
Gezeichnete Ausführung/drawn version
46.031.M053.0

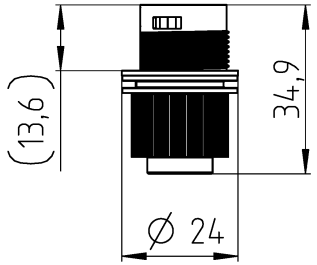
Gesteckter Zustand/
connected condition

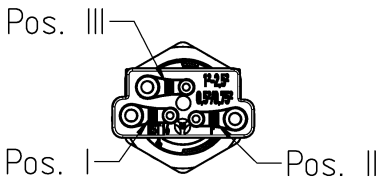


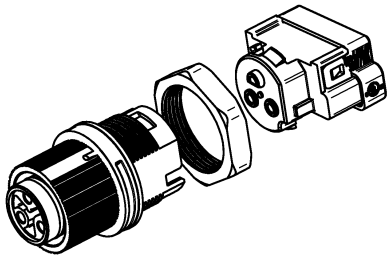
Auslieferungszustand/
delivery condition











Teile-Nr. *Ipart-no.*	Type	Pol Kennzeichnung *Ipole marking*		
		Pos. I	Pos. II	Pos. III
46.031.M053.0	RST1613 B D03 M GL	2/N	1/L	PE
46.031.M0L0.0	RST1613 1 D03 M GL	2/N	1/L	PE
46.031.M053.1	RST1613 B D03 M SW	2/N	1/L	PE
46.031.M0L0.1	RST1613 1 D03 M SW	2/N	1/L	PE
46.031.M055.7	RST1613 B D03 M GN	2/N	1/L	PE
46.031.M0L0.7	RST1613 1 D03 M GN	2/N	1/L	PE
46.031.M050.6	RST1613 B D03 M TB	D2	D1	PE
46.031.M0L0.6	RST1613 1 D03 M TB	D2	D1	PE
46.031.M053.9	RST1613 B D03 M BL	2	1	3
46.031.M0L0.9	RST1613 1 D03 M BL	2	1	3
46.031.M050.4	RST1613 B D03 LM BR	2	1	3
46.031.M0L0.4	RST1613 1 D03 LM BR	2	1	3
46.031.M054.0	RST1613/2 B D03 M GL	2/N	1/L	
46.031.M0L1.0	RST1613/2 1 D03 M GL	2/N	1/L	
46.031.M054.1	RST1613/2 B D03 M SW	2/N	1/L	
46.031.M0L1.1	RST1613/2 1 D03 M SW	2/N	1/L	
46.031.M054.9	RST1613/2 B D03 M BL	2/N	1/L	
46.031.M0L1.9	RST1613/2 1 D03 M BL	2/N	1/L	
46.031.M051.4	RST1613/2 B D03 LM BR	2/N	1/L	
46.031.M0L1.4	RST1613/2 1 D03 LM BR	2/N	1/L	
46.031.M051.6	RST1613/2 B D03 M TB	D2	D1	
46.031.M0L1.6	RST1613/2 1 D03 M TB	D2	D1	

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

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

Vol. mm³ Ofl./Srf. mm²

Ersatz für / Replacement for:

	Tag/Date	Name
gezeichnet / drawn	27.06.2023	Lunz S.

Elektronische Freigabe
Electronic Release

Zeichnung Nr. / Drawing No.: T 46.031.M053.0 13K

Index

Maße in mm / Dimensions are in mm

Type: RST16
MOLA

Benennung/Title:
BUCHSENTEIL_GA
female device connector 3/2 pole
mit/ohne Kontaktabdichtung / with/without contact seal

wieland

Index | Datum / Blatt Date / Sheet | Änderung / Revision

Diese Maße werden bei Abnahme besonders geprüft
Ausschließlich Prüfmaße
Mit Ⓔ gekennzeichnete Maße sind nur für interne Zwecke gültig

These dimensions will be especially checked at delivery
Only inspection dimensions
With Ⓔ marked dimensions are only valid for internal use

Weitergabe sowie Vervielfältigung dieses Dokuments, Verwertung und Mitteilung seines Inhalts sind verboten, soweit nicht ausdrücklich gestattet.
The reproduction, distribution and utilization of this document as well as the communication of its contents to others without express authorization is prohibited.

2023-07-11 15:18:49 1.000

01-QU-RD-32/21