product data sheet

item no. 46.052.M0L1.0

device connector RST16I5/4 2 D03 MGL

RST® MINI device connector, modular, straight, M20, number of poles 4, model male, connection type spring clamp connection, rated voltage 250 V / 400 V, rated current 16 A, longitudinal sealing yes, color of coding/ contact carrier light grey



item no.	46.052.M0L1.0
EAN	4049088572708
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 grey
Pole codification	1, 2, 3, PE

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	male
connection type	spring clamp connection
connecting thread metric	M20
angle of plug	straight
degree of protection (IP)	IP66/68 (3m;2h) /IP69
longitudinal sealed	yes
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	0.08 kWh/St
surface finish	silver-plated

dimensions

length	42.9 mm
width	31 mm
height	24 mm

accessories

item no.	type	description
06.563.9253.0	cover for male connector GL	RST16i5/4 cover piece, for covering unused male connectors, color light grey
06.563.9353.0	cover for male connector GL	RST16i5/4 cover piece, for covering unused male connectors, with fastening belt, color light grey

assembly

item no.	type	description
46.051.4554.0	connector RST16I5/4S B1 ZT6 GL	RST® MINI connector, straight, number of poles 4, female, connection type screw connection, rated voltage 250 V / 400 V, rated current 16 A, cable diameter 7.1 - 13 mm, color of coding/ contact carrier light grey
46.051.4154.0	connector RST16I5/4S B1 ZT5 GL	RST® MINI connector, straight, number of poles 4, female, connection type screw connection, rated voltage 250 V / 400 V, rated current 16 A, cable diameter 10 - 14.5 mm, color of coding/ contact carrier light grey

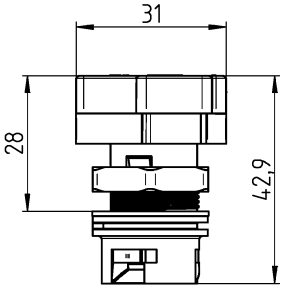
technical drawing

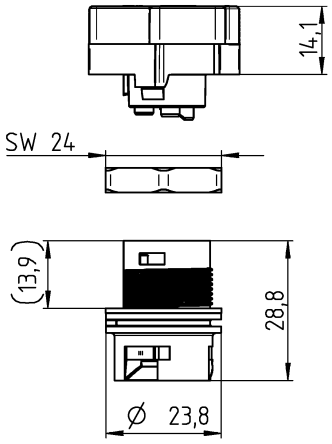
Gezeichnete Ausführung/drawn version
46.052.M053.0

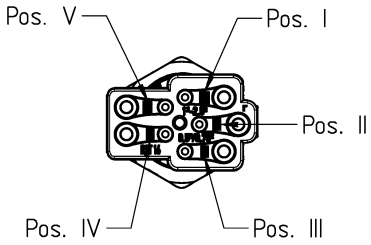
Auslieferungszustand/
delivery condition

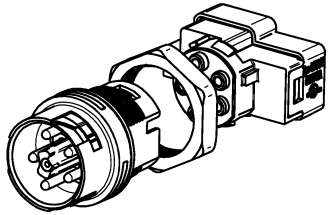


Gesteckter Zustand/
connected condition









Teile-Nr. /part-no.	Type	Pol Kennzeichnung / pole marking				
		Pos. I	Pos. II	Pos. III	Pos. IV	Pos. V
46.052.M053.0	RST16I5 S D03 M GL	N	PE	1	2	3
46.052.M0L0.0	RST16I5 2 D03 M GL	N	PE	1	2	3
46.052.M053.1	RST16I5 S D03 M SW	N	PE	1	2	3
46.052.M0L0.1	RST16I5 2 D03 M SW	N	PE	1	2	3
46.052.M053.6	RST16I5 S D03 M TB	N	PE	L	1	2
46.052.M0L0.6	RST16I5 2 D03 M TB	N	PE	L	1	2
46.052.M053.9	RST16I5 S D03 M BL	1	5	4	3	2
46.052.M0L0.9	RST16I5 2 D03 M BL	1	5	4	3	2
46.052.M050.4	RST16I5 S D03 LM BR	1	5	4	3	2
46.052.M0L0.4	RST16I5 2 D03 LM BR	1	5	4	3	2
46.052.M054.0	RST16I5/4 S D03 M GL		PE	1	2	3
46.052.M0L1.0	RST16I5/4 2 D03 M GL		PE	1	2	3
46.052.M054.1	RST16I5/4 S D03 M SW		PE	1	2	3
46.052.M0L1.1	RST16I5/4 2 D03 M SW		PE	1	2	3
46.052.M051.4	RST16I5/4 S D03 LM BR	1		4	3	2
46.052.M0L1.4	RST16I5/4 2 D03 LM BR	1		4	3	2

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

Toleranz 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	24.01.2020	Hennemann V.
geprüft / checked		
Normgepr. Stand. check		

Zeichnung Nr. / Drawing No.: 46.052.M053.0 13K

Index: a

Maße in mm / Dimensions are in mm

Vol. mm³ Oft./Srf. mm²

Ersatz für / Replacement for:

Index	Datum / Blatt Date / Sheet	Änderung / Revision
a	18.01.2021 /	

wieland
www.wieland-electric.com

Type: RST16 MOLA

Bennenung/Title: STECKERTEIL_GA
male device connector 5/4 pole
mit/ohne Kontaktabdichtung/ with/without contact seal

QU-MEE-01/14 a

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.

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