product data sheet

item no. 46.052.M053.0

device connector RST16I5 S D03 MGL

RST® MINI device connector, modular, straight, M20, number of poles 5, model male, connection type spring clamp connection, rated voltage 250 V / 400 V, rated current 16 A, color of coding/ contact carrier light grey



item no.	46.052.M053.0
EAN	4049088572395
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	3, N, PE, 2, 1

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
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	0.079 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
46.051.4553.0	connector RST16I5 S B1 ZT6 GL	RST® MINI connector, straight, number of poles 5, 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
46.051.4153.0	connector RST16I5 S B1 ZT5 GL	RST® MINI connector, straight, number of poles 5, 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

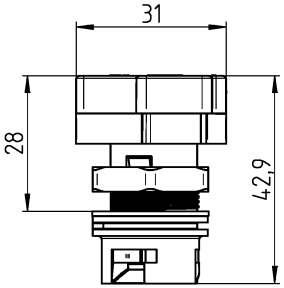
technical drawing

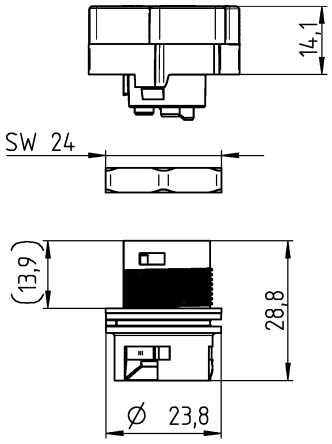
Gezeichnete Ausführung/drawn version
46.052.M053.0

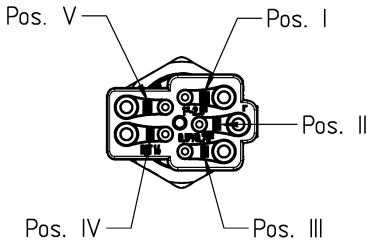
Auslieferungszustand/
delivery condition

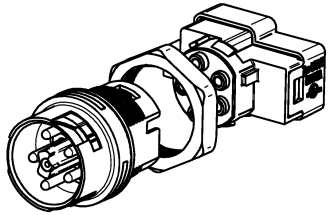


Gesteckter Zustand/
connected condition









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

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Only inspection dimensions
With /E marked dimensions are only valid for internal use

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Mit /E gekennzeichnete Maße sind nur für interne Zwecke gültig