product data sheet

item no. 46.051.M0L0.9

device connector RST16I5 1 D03H MBL

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

item no.	46.051.M0L0.9
EAN	4049088572302
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, 3, 4, 5

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
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	0.108 kWh/St
surface finish	silver-plated

dimensions

length	50 mm
width	31.9 mm
height	24 mm

accessories

item no.	type	description
06.563.9053.1	cover for female connector SW	RST16i5/4 cover piece, for covering unused female connectors, color black
06.563.9153.1	cover for female connector SW	RST16i5/4 cover piece, for covering unused female connectors, with fastening belt, color black

assembly

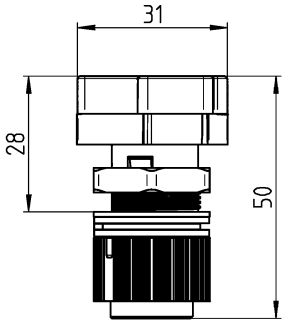
item no.	type	description
46.052.4553.9	connector RST16I5 S S1 ZT6S H BL	RST® MINI connector, straight, number of poles 5, male, connection type screw connection, rated voltage 250 V / 400 V, rated current 16 A, cable diameter 7.1 - 13 mm, color of coding/ contact carrier light blue
46.052.4153.9	connector RST16I5 S S1 ZT5S H BL	RST® MINI connector, straight, number of poles 5, male, 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 blue

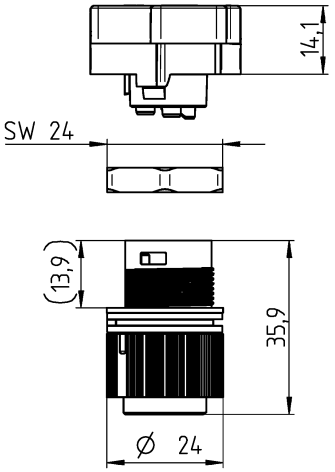
technical drawing

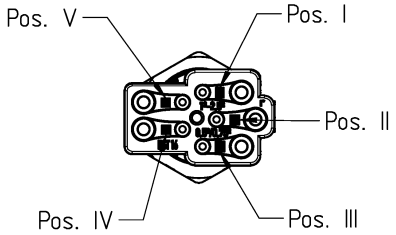
Gezeichnete Ausführung/drawn version
46.051.M053.0

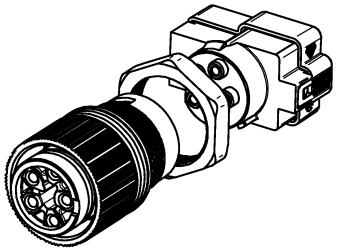
Auslieferungszustand/
delivery condition

Gesteckter Zustand/
connected condition









Teile-Nr. *part-no.*	Type	Pol Kennzeichnung / pole marking				
		Pos. I	Pos. II	Pos. III	Pos. IV	Pos. V
46.051.M053.0	RST16I5 B D03H M GL	1	PE	N	3	2
46.051.M0L0.0	RST16I5 1 D03H M GL	1	PE	N	3	2
46.051.M053.1	RST16I5 B D03H M SW	1	PE	N	3	2
46.051.M0L0.1	RST16I5 1 D03H M SW	1	PE	N	3	2
46.051.M053.6	RST16I5 B D03H M TB	L	PE	N	2	1
46.051.M0L0.6	RST16I5 1 D03H M TB	L	PE	N	2	1
46.051.M053.9	RST16I5 B D03H M BL	4	5	1	2	3
46.051.M0L0.9	RST16I5 1 D03H M BL	4	5	1	2	3
46.051.M050.4	RST16I5 B D03H LM BR	4	5	1	2	3
46.051.M0L0.4	RST16I5 1 D03H LM BR	4	5	1	2	3
46.051.M054.0	RST16I5/4 B D03H M GL	1	PE		3	2
46.051.M0L1.0	RST16I5/4 1 D03H M GL	1	PE		3	2
46.051.M054.1	RST16I5/4 B D03H M SW	1	PE		3	2
46.051.M0L1.1	RST16I5/4 1 D03H M SW	1	PE		3	2
46.051.M051.4	RST16I5/4 B D03H LM BR	4		1	2	3
46.051.M0L1.4	RST16I5/4 1 D03H LM BR	4		1	2	3

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

	Tag/Date	Name
gezeichnet drawn	29.01.2020	Hennemann V.
geprüft checked		
Normgepr. Stand. check		

Zeichnung Nr. / Drawing No.: 46.051.M053.0 13K

Index: a

Maße in mm / Dimensions are in mm

Ersatz für / Replacement for:

Index	Datum / Blatt Date / Sheet
a	18.01.2021 /

Änderung / Revision

wieland
www.wieland-electric.com

Type: RST16
MOLA

Bennenung/Title:

BUCHSENTEIL_GA

female device connector 5/4 pole
mit/ohne Kontaktabdichtung / with/without contact seal

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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