product data sheet

item no. 46.051.M050.4

device connector RST16I5 B D03HLMBR

RST® MINI device connector, modular, straight, M20, number of poles 5, model female, connection type spring clamp connection, rated voltage 50 V / 120 V, rated current 16 A, color of coding/ contact carrier signal brown



item no.	46.051.M050.4
EAN	4049088572319
order unit	50 piece(s)

certificates / approvals

technical data

note

note	positioning realised with flattened thread

general

rated current	16 A
rated voltage	50 V / 120 V
pollution degree	3
rated impulse voltage	4 kV
lockable	self-locking (unlocking by hand)
color of coding/ contact carrier	signal brown
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
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	0.109 kWh/St
surface finish	silver-plated

dimensions

length	50 mm
width	31 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
46.052.4550.4	connector RST16I5 S S1 ZT6S L BR	RST® MINI connector, straight, number of poles 5, male, connection type screw connection, rated voltage 50 V / 120 V, rated current 16 A, cable diameter 7.1 - 13 mm, color of coding/ contact carrier signal brown
46.052.4150.4	connector RST16I5 S S1 ZT5S L BR BR	RST® MINI connector, straight, number of poles 5, male, connection type screw connection, rated voltage 50 V / 120 V, rated current 16 A, cable diameter 10 - 14.5 mm, color of coding/ contact carrier signal brown

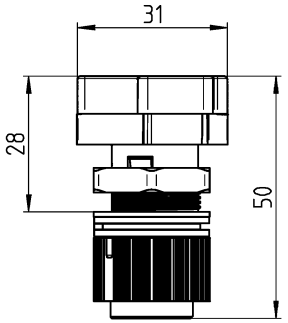
technical drawing

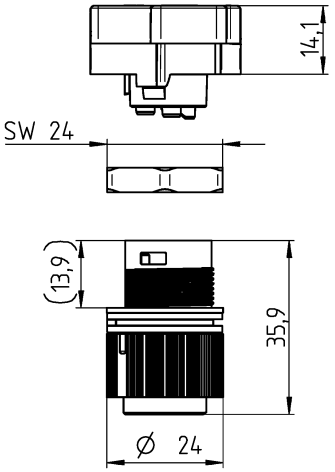
Gezeichnete Ausführung/drawn version
46.051.M053.0

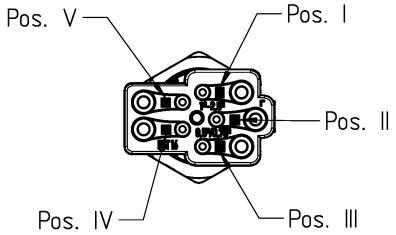
Auslieferungszustand/
delivery condition

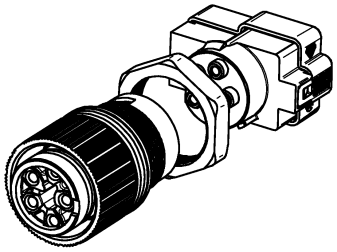


Gesteckter Zustand/
connected condition









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

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