product data sheet

item no. 46.032.M053.1

device connector RST16I3 S D03 MSW

RST® MINI device connector, modular, straight, M20, number of poles 3, model male, connection type spring clamp connection, rated voltage 250 V, rated current 16 A, color of coding/ contact carrier black



item no.	46.032.M053.1
EAN	4049088572777
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
pollution degree	3
rated impulse voltage	4 kV
lockable	self-locking (unlocking by hand)
color of coding/ contact carrier	black
Pole codification	L, N, 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
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	0.068 kWh/St
insulation components continous temperature	100 °C
surface finish	silver-plated

dimensions

length	43.5 mm
width	29.3 mm
height	24 mm

accessories

item no.	type	description
06.563.8853.1	cover for male connector SW	RST16i3/2 cover piece, for covering unused male connectors, color black
06.563.8953.1	cover for male connector SW	RST16i3/2 cover piece, for covering unused male connectors, with fastening belt, color black

assembly

item no.	type	description
46.031.4553.1	connector RST16I3 S B1 ZT4 SW	RST® MINI connector, straight, number of poles 3, female, connection type screw connection, rated voltage 250 V, rated current 16 A, cable diameter 5 - 10.6 mm, color of coding/ contact carrier black
46.031.4453.1	connector RST16I3 S B1 ZT3 SW	RST® MINI connector, straight, number of poles 3, female, connection type screw connection, rated voltage 250 V, rated current 16 A, cable diameter 7.1 - 13 mm, color of coding/ contact carrier black

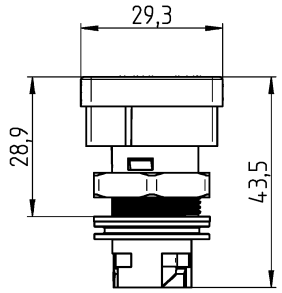
technical drawing

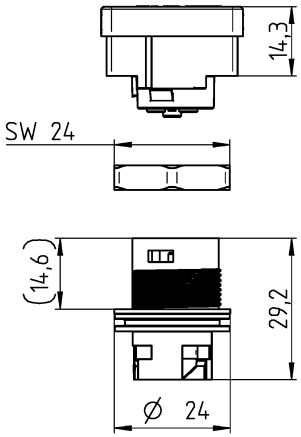
Gezeichnete Ausführung/drawn version
46.032.M053.0

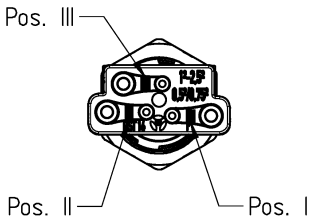
Auslieferungszustand/
delivery condition

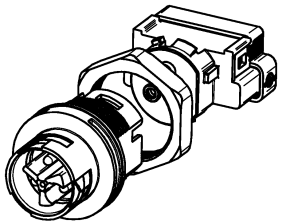


Gesteckter Zustand/
connected condition









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

Weitere Daten siehe KATALOG oder eKatalog
additional data see CATALOG or eCATALOG

www.wieland-electric.com
eshop.wieland-electric.com

Toleranzierung 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 Oft./Srf. mm²

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

Zeichnung Nr. / Drawing No.: T 46.032.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:
STECKERTEIL_GA
male device connector 3/2 pole
mit/ohne Kontaktabdichtung / with/without contact seal

QU-MEE-01/14 a

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

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