

Data sheet

Commercial Art.No.: 46.052.M053.1

Device connector RST16I5 S D03 MSW

RST16I5 modular device connector M20, 5 pole, male, spring clamp connection, with automatic wiring option, application 250/400V with PE, 16A, coding color black



Commercial Art.No.	46.052.M053.1
EAN	4049088572517
Order Unit	1

Technical data

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	black
Marking of poles	1, 2, 3, N, PE

Connection Data

Connection cross section solid mm ² max.	2.5 mm ²
Connection cross section solid mm ² min.	0.5 mm ²
Connection cross section fine stranded mm ² max.	2.5 mm ²
Connection cross section fine stranded mm ² min.	0.5 mm 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) 2	1 mm
Thickness of housings (electrical device)	4 mm

Material

Housing material	Polyamide
halogen free	yes
Contact material	CuZn

Fire load	0.079 kWh
Surface finish	Silver-plated

Dimensions

Length	42.9 mm
Width	31 mm
Height	24 mm

Note

Note	Positioning realised with flattened thread
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Classification

ECLASS 11	
ECLASS 8.1	27440602
ETIM 7.0	EC002566
ETIM 6.0	EC002566
ETIM 5.0	EC002566
ETIM 4.0	EC002566

Accessories

Commercial Art.No.:	Article-type description:	Description:
06.563.9253.1	Cover for male connector SW	RST16i5/4 cover piece, for covering unused male connectors, color black
06.563.9353.1	Cover for male connector SW	RST16i5/4 cover piece, for covering unused male connectors, with fastening belt, color black

Fits with

Commercial Art.No.:	Article-type description:	Description:
46.051.4553.1	Connector RST16i5 S B1 ZT6 SW	RST16i5 connector, 5 pole, female, screw connection, application 250/400V with PE, 16A, for cable diameters 7.1-13mm, coding color black, color of housing black
46.051.4153.1	Connector RST16i5 S B1 ZT5 SW	RST16i5 connector, 5 pole, female, screw connection, application 250/400V with PE, 16A, for cable diameters 10-14.5mm, coding color black, color of housing black

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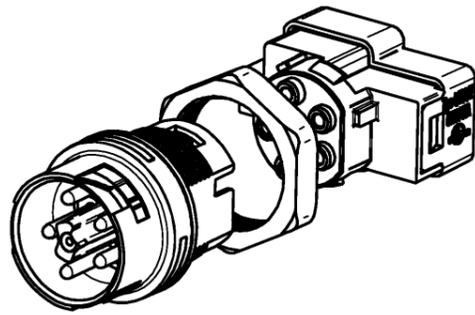
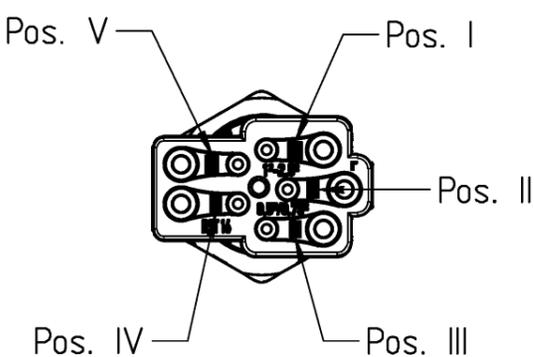
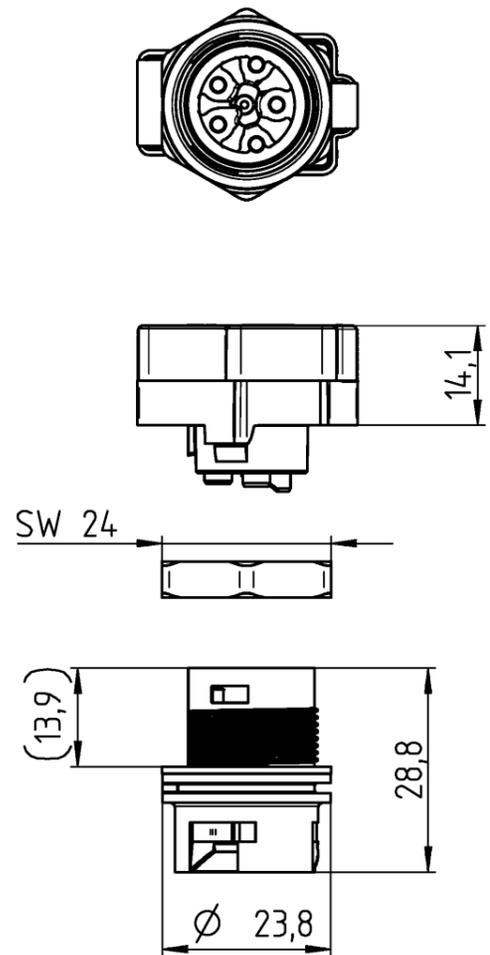
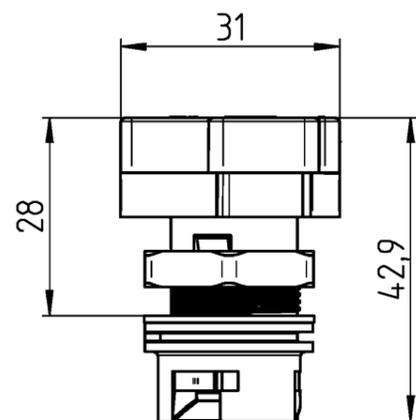
C
These dimensions will be especially checked at delivery
Only inspection dimensions
With /E marked dimensions are only valid for internal use

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

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	RST1615 S D03 M GL	N	PE	1	2	3
46.052.M0L0.0	RST1615 2 D03 M GL	N	PE	1	2	3
46.052.M053.1	RST1615 S D03 M SW	N	PE	1	2	3
46.052.M0L0.1	RST1615 2 D03 M SW	N	PE	1	2	3
46.052.M053.6	RST1615 S D03 M TB	N	PE	L	1	2
46.052.M0L0.6	RST1615 2 D03 M TB	N	PE	L	1	2
46.052.M053.9	RST1615 S D03 M BL	1	5	4	3	2
46.052.M0L0.9	RST1615 2 D03 M BL	1	5	4	3	2
46.052.M050.4	RST1615 S D03 LM BR	1	5	4	3	2
46.052.M0L0.4	RST1615 2 D03 LM BR	1	5	4	3	2
46.052.M054.0	RST1615/4 S D03 M GL		PE	1	2	3
46.052.M0L1.0	RST1615/4 2 D03 M GL		PE	1	2	3
46.052.M054.1	RST1615/4 S D03 M SW		PE	1	2	3
46.052.M0L1.1	RST1615/4 2 D03 M SW		PE	1	2	3
46.052.M051.4	RST1615/4 S D03 LM BR	1		4	3	2
46.052.M0L1.4	RST1615/4 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

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 <input checked="" type="checkbox"/> 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: of 1
/	Werkstoff / Material	Tag/Date	Name
/	Maßstab / Scale	gezeichnet drawn	24.01.2020 Hennemann V.
/	1:1	geprüft checked	
/	Vol. mm ³ Dfl./Srf. mm ²	Normgepr. Stand. check	
/	Ersatz für / Replacement for:	Zeichnung Nr. / Drawing No. 46.052.M053.0 13K a	
/	Type	Benennung/Title STECKERTEIL_GA	
a 18.01.2021 / Index Datum / Blatt Date / Sheet	wieland www.wieland-electric.com	RST16 MOLA	male device connector 5/4 pole mit/ohne Kontaktabdichtung/ with/without contact seal
Änderung / Revision			