

## Data sheet

Commercial Art.No.: 96.054.4053.6

Connector RST20i5 S1 YR1SV TB04

RST20i5 connector (90° angled), 5 pole, male, screw connection, application 250V with PE, 20A, for cable diameters 6-10mm, coding color turquoise blue, color of housing black



Commercial Art.No.	96.054.4053.6
EAN	4049644012495
Order Unit	1

Certificates / Approvals



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RINA



## Technical data

### General

Rated current	20 A
Rated voltage	250 V
Rated impulse voltage	4 kV
strain relief	yes
Pollution degree	3
Lockable	self-locking (unlocking by tool)
Color of coding/ contact carrier	turquoise blue
Marking of poles	D1, D2, L, PE, N
Color of housing inclusive strain relief	black

### Connection Data

Cable diameter max.	10 mm
Cable diameter min.	6 mm
Connection cross section solid mm <sup>2</sup> max.	4 mm <sup>2</sup>
Connection cross section solid mm <sup>2</sup> min.	0.75 mm <sup>2</sup>
Connection cross section solid AWG min.	18 AWG
Connection cross section solid AWG max.	14 AWG
Connection cross section fine stranded mm <sup>2</sup> max.	4 mm <sup>2</sup>
Connection cross section fine stranded mm <sup>2</sup> min.	0.75 mm <sup>2</sup>
Terminations per pole	1
Connection cross section stranded mm <sup>2</sup> min.	0.75 mm <sup>2</sup>
Connection cross section stranded mm <sup>2</sup> max.	4 mm <sup>2</sup>
Connection cross section stranded AWG min.	18 AWG
Connection cross section stranded AWG max.	14 AWG
sheath strip length	26.5 mm
Wire strip length	8 mm

### Model

Model	male
Connection type	screw connection
Degree of protection (IP)	IP66/68 (3m;2h) /IP69

#### Material

Housing material	Polyamide
halogen free	yes
Contact material	CuZn
Fire load	0.32 kWh
Insulation components continuous temperature	100 °C
Surface finish	Silver-plated

#### Dimensions

Length	71.4 mm
Width	34.6 mm
Height	62.3 mm

#### Classification

ECLASS 11	
ECLASS 8.1	27440605
ETIM 7.0	EC002560
ETIM 6.0	EC002560
ETIM 5.0	EC002560
ETIM 4.0	EC002560

#### Note

Note	RST® terminals with screw clamping allow the connection of conductors without special preparation (without ferrules) according to EN 60999-1.
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#### Product compliance

ROHS conformity status	Compliant/Exempted
ROHS exceptions	III-6(c)
REACH-SVHC conformity status	Duty-To-Declare
REACH-SVHC substances	Lead
REACH-SVHC CAS numbers	7439-92-1

#### Accessories

Commercial Art.No.:	Article-type description:	Description:
05.565.9953.1	Cover for male connector SW	RST20i5/4 cover piece, for covering unused male connectors, color black
99.532.0000.7	Cover for male connector SW	RST20i5/4 cover piece, for covering unused male connectors, with fastening belt, color black

#### Fits with

Commercial Art.No.:	Article-type description:	Description:

96.050.0153.6	Distributor RST20i5B 3P1 F VGA SW04	RST20i5 compact distribution unit, 5 pole, application 250V with PE, 20A, 1 input and 3 outputs, with fastening option, coding color turquoise blue, color of housing turquoise blue
96.453.1030.6	Cable assembly RST20i5KSBS 25 10TB04	RST20i5 extension cable female - male, 5 pole, assembled with screw connection, application 250V with PE, 20A, cable type H07RN-F, length 1.0m, cross section 2.5mm <sup>2</sup> , coding color turquoise blue
96.051.4053.6	Connector RST20i5S B1 ZR1S A TB0	RST20i5 connector, 5 pole, female, screw connection, application 250V with PE, 20A, for cable diameters 6-10mm, coding color turquoise blue, color of housing black
96.051.5053.6	Device connector RST20i5S B1 M01 A TB0	RST20i5 device connector M25, 5 pole, female, screw connection, application 250V with PE, 20A, coding color turquoise blue
96.051.6153.6	Device connector RST20i5S B1 M03 A TB0	RST20i5 device connector M16, 5 pole, female, screw connection, modular, application 250V with PE, 20A, coding color turquoise blue, color of housing black
96.051.6053.6	Device connector RST20i5S B1 M00 A TB0	RST20i5 device connector M20, 5 pole, female, screw connection, modular, application 250V with PE, 20A, coding color turquoise blue, color of housing black
96.053.6053.6	Device connector RST20i5S B1 M90 A TB0	RST20i5 device connector (90° angled) M20, 5 pole, female, screw connection, modular, application 250V with PE, 20A, coding color turquoise blue, color of housing black
96.053.6253.6	Device connector RST20i5S B1 M91 A TB0	RST20i5 device connector (90° angled) M25, 5 pole, female, screw connection, modular, application 250V with PE, 20A, coding color turquoise blue, color of housing black
96.055.6153.6	Device connector RST20i5S B1 M13 TB	RST20i5 device connector (7° angled) M16, 5 pole, female, screw connection, modular, application 250V with PE, 20A, coding color turquoise blue, color of housing black