product data sheet

item no. 96.054.4153.1

connector RST20I5S S1 YR2 V SW

RST® CLASSIC connector, angled 90°, number of poles 5, male, connection type screw connection, rated voltage 250 V / 400 V, rated current 20 A, cable diameter 10 - 14 mm, color of coding/ contact carrier black



item no.	96.054.4153.1
EAN	4049088000577
order unit	100 piece(s)

certificates / approvals

technical data

note

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

general

rated current	20 A
rated voltage	250 V / 400 V
rated impulse voltage	4 kV
strain relief	yes
pollution degree	3
lockable	self-locking (unlocking by tool)
color of coding/ contact carrier	black
marking of poles	3, N, PE, 2, 1
color of housing inclusive strain relief	black
RAL-Nummer Codierung/Kontakteinsatz	9005

connection data

cable diameter max.	14 mm
cable diameter min.	10 mm
connection cross section solid mm² max.	4 mm²
connection cross section solid mm² min.	0.75 mm²
connection cross section fine stranded mm² max.	4 mm²
connection cross section fine stranded mm² min.	0.75 mm²
terminations per pole	1
connection cross section stranded mm² min.	0.75 mm²
connection cross section stranded mm² max.	4 mm²
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	0.318 kWh/St
insulation components continous temperature	100 °C
surface finish	silver-plated

dimensions

length	71.4 mm
width	34.6 mm
height	62.3 mm

accessories

item no.	type	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

assembly

item no.	type	description
96.050.0153.1	distributor RST20I5B 3P1 F VG SW	RST® CLASSIC distributor, parallel connection, with fastening option, number of poles 5, rated voltage 250 V / 400 V, rated current 20 A, number of inputs 1, number of outputs 3, color of coding/ contact carrier black
96.051.5053.1	device connector RST20I5S B1 M01 SW	RST® CLASSIC device connector, standard, straight, M25, number of poles 5, model female, connection type screw connection, rated voltage 250 V / 400 V, rated current 20 A, color of coding/ contact carrier black
96.051.4153.1	connector RST20I5S B1 ZR2 SW	RST® CLASSIC connector, straight, number of poles 5, female, connection type screw connection, rated voltage 250 V / 400 V, rated current 20 A, cable diameter 10 - 14 mm, color of coding/ contact carrier black
96.051.6153.1	device connector RST20I5S B1 M03 SW	RST® CLASSIC device connector, modular, straight, M16, number of poles 5, model female, connection type screw connection, rated voltage 250 V / 400 V, rated current 20 A, color of coding/ contact carrier black
96.051.6053.1	device connector RST20I5S B1 M00 SW	RST® CLASSIC device connector, modular, straight, M20, number of poles 5, model female, connection type screw connection, rated voltage 250 V / 400 V, rated current 20 A, color of coding/ contact carrier black
96.053.6053.1	device connector RST20I5S B1 M90 SW	RST® CLASSIC device connector, modular, angled 90°, M20, number of poles 5, model female, connection type screw connection, rated voltage 250 V / 400 V, rated current 20 A, color of coding/ contact carrier black
96.053.6253.1	device connector RST20I5S B1 M91 SW	RST® CLASSIC device connector, modular, angled 90°, M25, number of poles 5, model female, connection type screw connection, rated voltage 250 V / 400 V, rated current 20 A, color of coding/ contact carrier black
96.055.6153.1	device connector RST20I5S B1 M13 SW	RST® CLASSIC device connector, modular, angled 7°, M16, number of poles 5, model female, connection type screw connection, rated voltage 250 V / 400 V, rated current 20 A, color of coding/ contact carrier black