product data sheet

item no. 9L.072.4153.1

connector RST20I7S 21 ZR2 SW

RST® CLASSIC connector, straight, number of poles 7, male, connection type screw connection, rated voltage 250 V / 400 V, rated current 16 A, cable diameter 10 - 14 mm, longitudinal sealing yes, color of coding/ contact carrier black



item no.	9L.072.4153.1
EAN	4049088582011
order unit	100 piece(s)

certificates / approvals

technical data

note

note	3 poles max. 20A, 4 poles max. 5AUse only one connector with contact sealing - either male or female connector.

general

rated current	16 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
Pole codification	1, 2, 3, 4/N, 5, 6, PE
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.	1.5 mm²
connection cross section solid mm² min.	0.2 mm²
connection cross section fine stranded mm² max.	1.5 mm²
connection cross section fine stranded mm² min.	0.2 mm²
terminations per pole	1
sheath strip length	25 mm
wire strip length	8 mm

model

model	male
connection type	screw connection
degree of protection (IP)	IP66/68 (3m;2h) /IP69
longitudinal sealing	yes

material

housing material	polyamide
halogen free	yes
contact material	CuZn
fire load	0.319 kWh/St
insulation components continous temperature	100 °C
surface finish	silver-plated

dimensions

length	80 mm
width	34.6 mm
height	34.6 mm

accessories

item no.	type	description
99.591.0000.7	cover for male connector SW	RST20i7/6 cover piece, for covering unused male connectors, with fastening belt, color black
Z5.569.5353.1	cover for male connector SW	RST20i7/6 cover piece, for covering unused male connectors, color black

assembly

item no.	type	description
96.071.4153.1	connector RST20I7S B1 ZR2 SW	RST® CLASSIC connector, straight, number of poles 7, female, connection type screw connection, rated voltage 250 V / 400 V, rated current 16 A, cable diameter 10 - 14 mm, color of coding/ contact carrier black
96.071.6053.1	device connector RST20I7S B1 M00V SW	RST® CLASSIC device connector, modular, straight, M20, number of poles 7, model female, connection type screw connection, rated voltage 250 V / 400 V, rated current 20 A, color of coding/ contact carrier black
96.073.6253.1	device connector RST20I7S B1 M90V SW	RST® CLASSIC device connector, modular, angled 90°, M25, number of poles 7, model female, connection type screw connection, rated voltage 250 V / 400 V, rated current 20 A, color of coding/ contact carrier black
96.071.6253.1	device connector RST20I7S B1 M01V SW	RST® CLASSIC device connector, modular, straight, M25, number of poles 7, model female, connection type screw connection, rated voltage 250 V / 400 V, rated current 20 A, color of coding/ contact carrier black
96.071.6353.1	device connector RST20I7S B1 M02V SW	RST® CLASSIC device connector, modular, straight, M32, number of poles 7, model female, connection type screw connection, rated voltage 250 V / 400 V, rated current 20 A, color of coding/ contact carrier black