

Data sheet

Commercial Art.No.: 96.052.4153.1

connector RST20I5S S1 ZR2 V SW

RST® CLASSIC connector, straight, 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



certificates / approvals



Technical data

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
Pole codification	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 mm ² max.	4 mm ²
connection cross section solid mm ² min.	0.75 mm ²
connection cross section fine stranded mm ² max.	4 mm ²
connection cross section fine stranded mm ² min.	0.75 mm ²
terminations per pole	1
connection cross section stranded mm ² min.	0.75 mm ²
connection cross section stranded mm ² max.	4 mm ²
sheath strip length	26.5 mm
wire strip length	8 mm

technical data UL

connection cross section solid AWG min.	18 AWG
connection cross section solid AWG max.	14 AWG
connection cross section stranded AWG min.	18 AWG

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	0.285 kWh/St
insulation components continuous temperature	100 °C
surface finish	silver-plated

dimensions

length	78.4 mm
width	34.6 mm
height	34.6 mm

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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classification

ECLASS 11	
ECLASS 8.1	27440605
ETIM 9.0	EC002560
ETIM 8.0	EC002560
ETIM 7.0	EC002560
ETIM 6.0	EC002560
ETIM 5.0	EC002560
ETIM 4.0	EC002560

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