

Data sheet

Art.No.: 46.052.4553.1

connector RST16I5 S S1 ZT6 SW

RST® MINI connector, straight, number of poles 5, male, connection type screw connection, rated voltage 250 V / 400 V, rated current 16 A, cable diameter 7.1 - 13 mm, color of coding/ contact carrier black



certificates / approvals



LR

RINA



Technical data

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 hand)
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.	13 mm
cable diameter min.	7.1 mm
connection cross section solid mm ² max.	2.5 mm ²
connection cross section solid mm ² min.	0.25 mm ²
connection cross section fine stranded mm ² max.	2.5 mm ²
connection cross section fine stranded mm ² min.	0.25 mm ²
terminations per pole	1
sheath strip length	25 mm
wire strip length	8 mm

technical data UL

rated voltage UL	600 V
rated current UL	16 A

connection cross section solid AWG min.	22 AWG
connection cross section solid AWG max.	14 AWG
connection cross section stranded AWG min.	22 AWG
connection cross section stranded AWG max.	14 AWG
degree of protection (NEMA)	4, 4X, 6, 6P
UL classification housing	UL-V2
UL classification strain relief	UL-V0

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

dimensions

length	74 mm
width	24 mm
height	24 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