

Data sheet

Commercial Art.No.: 46.051.5053.1

device connector RST16I5 S B1 M03 SW

RST® MINI device connector, standard, straight, M20.2, number of poles 5, model female, connection type screw connection, rated voltage 250 V / 400 V, rated current 16 A, color of coding/ contact carrier black



certificates / approvals



Technical data

general

rated current	16 A
rated voltage	250 V / 400 V
pollution degree	3
rated impulse voltage	4 kV
continuity resistor	0.75 mOhm
lockable	self-locking (unlocking by hand)
color of coding/ contact carrier	black
marking of poles	3, N, PE, 2, 1

connection data

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
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

model

model	female
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connection type	screw connection
connecting thread metric	M20.2
angle of plug	straight
degree of protection (IP)	IP66/68 (3m;2h) /IP69
thickness of housings (electrical device)	0.5 mm
thickness of housings (electrical device)	5 mm

material

housing material	polyamide
halogen free	yes
contact material	CuZn
fire load	0.084 kWh/St
insulation components continuous temperature	100 °C
surface finish	silver-plated

dimensions

length	41.6 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.; positioning realised with flattened thread
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classification

ECLASS 11	
ECLASS 8.1	27440602
ETIM 9.0	EC002566
ETIM 8.0	EC002566
ETIM 7.0	EC002566
ETIM 6.0	EC002566
ETIM 5.0	EC002566
ETIM 4.0	EC002566

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