

Data sheet

Commercial Art.No.: 96.031.5053.1

device connector RST20I3S B1 M01 SW

RST® CLASSIC device connector, standard, straight, M25, number of poles 3, model female, connection type screw connection, rated voltage 250 V, rated current 20 A, color of coding/ contact carrier black



certificates / approvals



Technical data

general

rated current	20 A
rated voltage	250 V
pollution degree	3
rated impulse voltage	4 kV
continuity resistor	0.55 mOhm
lockable	self-locking (unlocking by tool)
color of coding/ contact carrier	black
Pole codification	L, N, PE

connection data

connection cross section solid mm² max.	6 mm²
connection cross section solid mm² min.	0.75 mm²
connection cross section fine stranded mm² max.	6 mm²
connection cross section fine stranded mm² min.	0.75 mm²
terminations per pole	1
wire strip length	8 mm

technical data UL

connection cross section solid AWG min.	16 AWG
connection cross section solid AWG max.	10 AWG
connection cross section stranded AWG min.	16 AWG

model

model	female
connection type	screw connection
connecting thread metric	M25
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)	8 mm

material

housing material	polyamide
halogen free	yes
contact material	CuZn
fire load	0.136 kWh/St
insulation components continuous temperature	100 °C
surface finish	silver-plated

dimensions

length	50.5 mm
width	35 mm
height	35 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