product data sheet

item no. 96.034.6053.9

device connector RST20I3S S1 M90V BL0

RST® CLASSIC device connector, modular, angled 90°, M20, number of poles 3, model male, connection type screw connection, rated voltage 250 V / 400 V, rated current 20 A, color of coding/ contact carrier light blue



item no.	96.034.6053.9
EAN	4015573982956
order unit	100 piece(s)

certificates / approvals

technical data

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

general

rated current	20 A
rated voltage	250 V / 400 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	light blue
marking of poles	1, 2, 3
color of separate adapter (if present)	black

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

model

model	male
connection type	screw connection
connecting thread metric	M20

angle of plug	square
inclination	90 °
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	0.221 kWh/St
insulation components continous temperature	100 °C
surface finish	silver-plated

dimensions

length	70.5 mm
width	34.6 mm
height	54.3 mm

accessories

item no.	type	description
05.564.4453.1	cover for male connector SW	RST20i3/2 cover piece, for covering unused male connectors, color black
99.416.6205.2	cover for male connector SW	RST20i3/2 cover piece, for covering unused male connectors, with fastening belt, color black