product data sheet

item no. 96.024.4050.8

connector RST20I2S S13YR1SVB KG06

RST® CLASSIC connector, angled 90°, number of poles 2, male, connection type screw connection, rated voltage 50 V / 120 V, rated current 20 A, cable diameter 6 - 10 mm, color of coding/ contact carrier pebble grey



item no.	96.024.4050.8
EAN	4049644011801
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.

general

rated current	20 A
rated voltage	50 V / 120 V
rated impulse voltage	4 kV
strain relief	yes
pollution degree	3
lockable	self-locking (unlocking by tool)
color of coding/ contact carrier	pebble grey
Pole codification	+, -
color of housing inclusive strain relief	black
RAL-Nummer Codierung/Kontakteinsatz	7032

connection data

cable diameter max.	10 mm
cable diameter min.	6 mm
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
connection cross section stranded mm² min.	0.75 mm²
connection cross section stranded mm² max.	6 mm²
sheath strip length	26.5 mm
wire strip length	8 mm

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	0.303 kWh/St
insulation components continous temperature	100 °C
surface finish	silver-plated

dimensions

length	70.5 mm
width	34.6 mm
height	62.3 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

assembly

item no.	type	description
96.020.0150.8	distributor RST20I2V 3P1 F V L KG0	RST® CLASSIC distribution block 1I / 3O, rated voltage 50 V / 120 V, rated current 20 A, number of poles 2, degree of protection (ip) IP66/68 (3m 2h) /IP69, number of inputs 1, number of outputs 3, pole codification +, -, color of coding/ contact carrier pebble grey, ral number coding/contact inser
96.021.4050.8	connector RST20I2S B13ZR1S L KG0	RST® CLASSIC connector, straight, number of poles 2, female, connection type screw connection, rated voltage 50 V / 120 V, rated current 20 A, cable diameter 6 - 10 mm, color of coding/ contact carrier pebble grey