product data sheet

item no. 46.052.4154.1

connector RST16I5/4S S1 ZT5 SW

RST® MINI connector, straight, number of poles 4, male, connection type screw connection, rated voltage 250 V / 400 V, rated current 16 A, cable diameter 10 - 14.5 mm, color of coding/ contact carrier black



item no.	46.052.4154.1
EAN	4049088579264
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	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
Pole codification	1, 2, 3, PE
color of housing inclusive strain relief	black
RAL-Nummer Codierung/Kontakteinsatz	9005

connection data

cable diameter max.	14.5 mm
cable diameter min.	10 mm
connection cross section solid mm² max.	2.5 mm²
connection cross section solid mm² min.	0.25 mm²
connection cross section fine stranded mm² max.	2.5 mm²
connection cross section fine stranded mm² min.	0.25 mm²
terminations per pole	1
sheath strip length	25 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	0.167 kWh/St
insulation components continous temperature	100 °C
surface finish	silver-plated

dimensions

width	27 mm
height	27 mm

accessories

item no.	type	description
06.563.9253.1	cover for male connector SW	RST16i5/4 cover piece, for covering unused male connectors, color black
06.563.9353.1	cover for male connector SW	RST16i5/4 cover piece, for covering unused male connectors, with fastening belt, color black

assembly

item no.	type	description
46.051.5054.1	device connector RST16I5/4S B1 M03 SW	RST® MINI device connector, standard, straight, M20.2, number of poles 4, model female, connection type screw connection, rated voltage 250 V / 400 V, rated current 16 A, color of coding/ contact carrier black
46.050.1254.1	distributor RST16I4V 2P1 TGVG SW	RST® MINI distribution block 1I / 2O, rated voltage 250 V / 400 V, rated current 16 A, number of poles 4, degree of protection (ip) IP66/68 (3m 2h) /IP69, number of inputs 1, number of outputs 2, pole codification 1, 2, 3, PE, color of coding/ contact carrier black, ral number coding/contact inse