product data sheet

item no. 46.031.4450.4

connector RST16I3 S B1 ZT3S L BR

RST® MINI connector, straight, number of poles 3, female, connection type screw connection, rated voltage 50 V / 120 V, rated current 16 A, cable diameter 7.1 - 13 mm, color of coding/ contact carrier signal brown



item no.	46.031.4450.4
EAN	4049088579776
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	50 V / 120 V
rated impulse voltage	4 kV
strain relief	yes
pollution degree	3
lockable	self-locking (unlocking by hand)
color of coding/ contact carrier	signal brown
Pole codification	1, 2, 3
color of housing inclusive strain relief	black
RAL-Nummer Codierung/Kontakteinsatz	8002

connection data

cable diameter max.	13 mm
cable diameter min.	7.1 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	female
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	0.134 kWh/St
insulation components continous temperature	100 °C
surface finish	silver-plated

dimensions

length	74 mm
width	24 mm
height	24 mm

accessories

item no.	type	description
06.563.8653.1	cover for female connector SW	RST16i3/2 cover piece, for covering unused female connectors, color black
06.563.8753.1	cover for female connector SW	RST16i3/2 cover piece, for covering unused female connectors, with fastening belt, color black

assembly

item no.	type	description
46.032.5050.4	device connector RST16I3 S S1 M02 L BR	RST® MINI device connector, standard, straight, M16, number of poles 3, model male, connection type screw connection, rated voltage 50 V / 120 V, rated current 16 A, color of coding/ contact carrier signal brown
46.030.1250.4	distributor RST16I3V 2P1 TGVGL BR	RST® MINI distribution block 1I / 2O, rated voltage 50 V / 120 V, rated current 16 A, number of poles 3, degree of protection (ip) IP66/68 (3m 2h) /IP69, number of inputs 1, number of outputs 2, pole codification 1, 2, 3, color of coding/ contact carrier signal brown, ral number coding/ contact i
46.030.1355.4	distributor RST16I3V 2R1 TGVGL BR	RST® MINI distribution block 1I / 2O, rated voltage 50 V / 120 V, rated current 16 A, number of poles 3, degree of protection (ip) IP66/68 (3m 2h) /IP69, number of inputs 1, number of outputs 2, pole codification 1, 2, 3, color of coding/ contact carrier signal brown, ral number coding/ contact i
46.032.4450.4	connector RST16I3 S S1 ZT3S L BR	RST® MINI connector, straight, number of poles 3, male, connection type screw connection, rated voltage 50 V / 120 V, rated current 16 A, cable diameter 7.1 - 13 mm, color of coding/ contact carrier signal brown