product data sheet

item no. 96.041.4051.4

connector RST20I4S B1 ZR1S L BR01

RST® CLASSIC connector, straight, number of poles 4, 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 signal brown



item no.	96.041.4051.4
EAN	4049088016448
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	signal brown
marking of poles	1, 2, 3, 4
color of housing inclusive strain relief	black
RAL-Nummer Codierung/Kontakteinsatz	8002

connection data

cable diameter max.	10 mm
cable diameter min.	6 mm
connection cross section solid mm² max.	4 mm²
connection cross section solid mm² min.	0.75 mm²
connection cross section fine stranded mm² max.	4 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.	4 mm²
sheath strip length	26.5 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	0.293 kWh/St
insulation components continous temperature	100 °C
surface finish	silver-plated

dimensions

length	80.4 mm
width	34.6 mm
height	34.6 mm

accessories

item no.	type	description
99.530.0000.7	cover for female connector SW	RST20i5/4 cover piece, for covering unused female connectors, with fastening belt, color black
Z5.565.9853.1	cover for female connector SW	RST20i5/4 cover piece, for covering unused female connectors, color black
05.564.8653.1	manual disconnect RST20i3/i5 SCHWARZ	Manual disconnect for later installation of RST connectors, color black

assembly

item no.	type	description
96.044.6051.4	device connector RST20I4S S1 M90VB BR06	RST® CLASSIC device connector, modular, angled 90°, M20, number of poles 4, model male, connection type screw connection, rated voltage 50 V / 120 V, rated current 20 A, color of coding/ contact carrier signal brown
96.042.5051.4	device connector RST20I4S S1 M01 L BR01	RST® CLASSIC device connector, standard, straight, M25, number of poles 4, model male, connection type screw connection, rated voltage 50 V / 120 V, rated current 20 A, color of coding/ contact carrier signal brown
96.042.6051.4	device connector RST20I4S S1 M00VL BR01	RST® CLASSIC device connector, modular, straight, M20, number of poles 4, model male, connection type screw connection, rated voltage 50 V / 120 V, rated current 20 A, color of coding/ contact carrier signal brown
96.044.6251.4	device connector RST20I4S S1 M91V LBR01	RST® CLASSIC device connector, modular, angled 90°, M25, number of poles 4, model male, connection type screw connection, rated voltage 50 V / 120 V, rated current 20 A, color of coding/ contact carrier signal brown
96.046.6151.4	device connector RST20I4S S1 M13VB BR06	RST20i5/4 device connector (7° angled) M16, 4 pole, male, screw connection, modular, application ~50V/-120V, 20A, coding color signal brown, color of housing black
96.042.6151.4	device connector RST20I4S S1 M03VB BR06	RST20i5/4 device connector M16, 4 pole, male, screw connection, modular, application ~50V/-120V, 20A, coding color signal brown, color of housing black
96.040.0151.4	distributor RST20I4B 3P1 F VGB BR06	RST® CLASSIC distributor, parallel connection, with fastening option, number of poles 4, rated voltage 50 V / 120 V, rated current 20 A, number of inputs 1, number of outputs 3, color of coding/ contact carrier signal brown