product data sheet

item no. X6.033.4053.1

connector RST20I3SXB1 YR1 SW

RST® CLASSIC ATEX connector, angled 90°, number of poles 3, female, connection type screw connection, rated voltage 250 V, rated current 20 A, cable diameter 6 - 10 mm, color of coding/ contact carrier black



item no.	X6.033.4053.1
EAN	4049088286391
order unit	100 piece(s)

certificates / approvals

SEV-Ex

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	250 V
rated impulse voltage	4 kV
strain relief	yes
pollution degree	3
lockable	self-locking (unlocking by tool)
color of coding/ contact carrier	black
Pole codification	L, N, PE
color of housing inclusive strain relief	black
RAL-Nummer Codierung/Kontakteinsatz	9005

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.	1.5 mm²
connection cross section fine stranded mm² max.	4 mm²
connection cross section fine stranded mm² min.	1.5 mm²
terminations per pole	1
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	0.322 kWh/St
insulation components continous temperature	100 °C
surface finish	silver-plated

dimensions

length	73.4 mm
width	34.6 mm
height	62.3 mm

accessories

item no.	type	description
99.414.6205.2	cover for female connector SW	RST20i3/2 cover piece, for covering unused female connectors, with fastening belt, color black
Z5.564.4553.1	cover for female connector SW	RST20i3/2 cover piece, for covering unused female connectors, color black

assembly

item no.	type	description
X6.030.0153.1	distributor RST20I3VX3P1 F V SW	RST® CLASSIC ATEX distribution block 1I / 3O, rated voltage 250 V, rated current 20 A, number of poles 3, degree of protection (ip) IP66/68 (3m 2h) /IP69, number of inputs 1, number of outputs 3, pole codification L, N, PE, color of coding/ contact carrier black, ral number coding/ contact insert
X6.032.5053.1	device connector RST20I3S S1 M01V SW	RST® CLASSIC ATEX device connector, standard, straight, M25, number of poles 3, model male, connection type screw connection, rated voltage 250 V, rated current 20 A, color of coding/ contact carrier black
X6.032.4053.1	connector RST20I3SXS1 ZR1 V SW	RST® CLASSIC ATEX connector, straight, number of poles 3, male, connection type screw connection, rated voltage 250 V, rated current 20 A, cable diameter 6 - 10 mm, color of coding/ contact carrier black
X6.032.6053.1	device connector RST20I3SXS1 M00V SW	RST® CLASSIC ATEX device connector, modular, straight, M20, number of poles 3, model male, connection type screw connection, rated voltage 250 V, rated current 20 A, color of coding/ contact carrier black