product data sheet

item no. X6.031.4553.1

connector RST20I3SXB1 ZR3 SW

RST® CLASSIC ATEX connector, straight, number of poles 3, female, connection type screw connection, rated voltage 250 V, rated current 20 A, cable diameter 13 - 18 mm, color of coding/ contact carrier black



item no.	X6.031.4553.1
EAN	4049088144417
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
marking of poles	L, N, PE
color of housing inclusive strain relief	black
explosion-tested version	yes
RAL-Nummer Codierung/Kontakteinsatz	9005

connection data

cable diameter max.	18 mm
cable diameter min.	13 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	37 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	0.365 kWh/St
insulation components continous temperature	100 °C
surface finish	silver-plated

dimensions

length	96 mm
width	35.4 mm
height	35.4 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 distributor, parallel connection, with fastening option, number of poles 3, rated voltage 250 V, rated current 20 A, number of inputs 1, number of outputs 3, color of coding/ contact carrier black
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
X6.032.6053.1	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