product data sheet

item no. X6.032.0053.1

connector RST20I3FXS2 ZR1 V SW

RST® CLASSIC ATEX connector, straight, number of poles 3, male, connection type spring clamp connection, rated voltage 250 V, rated current 20 A, cable diameter 6 - 10 mm, color of coding/ contact carrier black



item no.	X6.032.0053.1
EAN	4049088010941
order unit	100 piece(s)

certificates / approvals

SEV-Ex

technical data

note

note	fine stranded and stranded conductors require cable end sleeve

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
explosion-tested version	yes
RAL-Nummer Codierung/Kontakteinsatz	9005

connection data

cable diameter max.	10 mm
cable diameter min.	6 mm
connection cross section solid mm² max.	2.5 mm²
connection cross section solid mm² min.	1.5 mm²
connection cross section fine stranded mm² min.	1.5 mm²
terminations per pole	2
sheath strip length	35 mm
wire strip length	14.5 mm

model

model	male
connection type	spring clamp connection
degree of protection (IP)	IP66/68 (3m;2h) /IP69

material

housing material	polyamide
halogen free	yes
contact material	CuZn
fire load	0.272 kWh/St
insulation components continous temperature	100 °C
surface finish	silver-plated

dimensions

length	79.1 mm
width	34.6 mm
height	34.6 mm

accessories

item no.	type	description
05.564.4453.1	cover for male connector SW	RST20i3/2 cover piece, for covering unused male connectors, color black
99.416.6205.2	cover for male connector SW	RST20i3/2 cover piece, for covering unused male connectors, with fastening belt, color black
06.502.4300.0	screwdriver DIN 5264 A 0,4 X 2,5	Screw driver according to DIN 5264 A, blade: 0.4x2.5 mm, long and straight version
95.101.1300.0	ferrule crimping tool 0,08 - 10 mm²	Crimping tool for ferrules, wire strip length: 7-28 mm, nominal cross section: 0,08-10 mm², length of tool: 180 mm
06.600.3627.0	ferrule DIN 46228-E1-12	RST ferrule, for spring clamp contact, with insulating sleeve, for cross section 1.0 mm²/AWG17
06.600.3727.0	ferrule DIN 46228-E0,75-12	RST ferrule, for spring clamp contact, with insulating sleeve, for cross section 0.75-1.0 mm²/AWG17
06.600.3827.0	ferrule DIN 46228-E0,5-10	RST ferrule, for spring clamp contact, with insulating sleeve, for cross section 0.5 mm²/AWG20
06.600.3927.0	ferrule DIN 46228-E1,5-12	RST ferrule, for spring clamp contact, with insulating sleeve, for cross section 1.5 mm²/AWG16

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
X6.031.1053.1	device connector RST20I3FXB2 M01 SW	RST® CLASSIC ATEX device connector, standard, straight, M25, number of poles 3, model female, connection type spring clamp connection, rated voltage 250 V, rated current 20 A, color of coding/ contact carrier black
X6.031.0053.1	connector RST20I3FXB2 ZR1 SW	RST® CLASSIC ATEX connector, straight, number of poles 3, female, connection type spring clamp connection, rated voltage 250 V, rated current 20 A, cable diameter 6 - 10 mm, color of coding/ contact carrier black
X6.031.2053.1	device connector RST20I3FXB2 M00 SW	RST® CLASSIC ATEX device connector, modular, straight, M20, number of poles 3, model female, connection type spring clamp connection, rated voltage 250 V, rated current 20 A, color of coding/ contact carrier black