product data sheet

item no. X6.031.0153.1

connector RST20I3FXB2 ZR2 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 10 - 14 mm, color of coding/ contact carrier black



item no.	X6.031.0153.1
EAN	4049088010101
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
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.	14 mm
cable diameter min.	10 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	female
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	0.291 kWh/St
insulation components continous temperature	100 °C
surface finish	silver-plated

dimensions

length	82 mm
width	34.6 mm
height	34.6 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
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 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
X6.032.1053.1	device connector RST20I3FXS2 M01V SW	RST® CLASSIC ATEX device connector, standard, straight, M25, number of poles 3, model male, connection type spring clamp connection, rated voltage 250 V, rated current 20 A, color of coding/ contact carrier black
X6.032.2053.1	device connector RST20I3FXS2 M00V SW	RST® CLASSIC ATEX device connector, modular, straight, M20, number of poles 3, model male, connection type spring clamp connection, rated voltage 250 V, rated current 20 A, color of coding/ contact carrier black