product data sheet

item no. X6.041.4153.1

connector RST20I4SXB1 ZR2 SW

RST® CLASSIC ATEX connector, straight, number of poles 4, female, connection type screw connection, rated voltage 250 V / 400 V, rated current 20 A, cable diameter 10 - 14 mm, color of coding/ contact carrier black



item no.	X6.041.4153.1
EAN	4049088009778
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 / 400 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	1, 2, 3, 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 max.	2.5 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	0.294 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
X6.042.5053.1	device connector RST20I4SXS1 M01V SW	RST® CLASSIC ATEX device connector, standard, straight, M25, number of poles 4, model male, connection type screw connection, rated voltage 250 V / 400 V, rated current 20 A, color of coding/ contact carrier black
X6.042.6053.1	device connector RST20I4SXS1 M00V SW	RST® CLASSIC ATEX device connector, modular, straight, M20, number of poles 4, model male, connection type screw connection, rated voltage 250 V / 400 V, rated current 20 A, color of coding/ contact carrier black