

Data sheet

Commercial Art.No.: X6.031.4553.1

Connector RST20i3SX B1 ZR3 SW

RST20i3 connector with ATEX-authorization, 3 pole, female, screw connection, application 250V with PE, 20A, for cable diameters 14-18mm, coding color black, color of housing black



Commercial Art.No.	X6.031.4553.1
EAN	4049088144417
Order Unit	1

Certificates / Approvals

SEV-Ex

Technical data

Classification

ECLASS 11	
ECLASS 8.1	27440605
ETIM 7.0	EC002560
ETIM 6.0	EC002560
ETIM 5.0	EC002560
ETIM 4.0	EC002560

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

Model

Model	female
Connection type	screw connection
Degree of protection (IP)	IP66/68 (3m;2h) /IP69

Material

Housing material	Polyamide
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halogen free	yes
Contact material	CuZn
Fire load	0.367 kWh
Insulation components continuous temperature	100 °C
Surface finish	Silver-plated

Connection Data

Cable diameter max.	18 mm
Cable diameter min.	13 mm
Connection cross section solid mm ² max.	4 mm ²
Connection cross section solid mm ² min.	1.5 mm ²
Connection cross section fine stranded mm ² max.	4 mm ²
Connection cross section fine stranded mm ² min.	1.5 mm ²
Terminations per pole	1
sheath strip length	37 mm
Wire strip length	8 mm

Dimensions

Length	96 mm
Width	35.4 mm
Height	35.4 mm

Note

Note	RST® terminals with screw clamping allow the connection of conductors without special preparation (without ferrules) according to EN 60999-1.
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Product compliance

ROHS conformity status	Compliant/Exempted
ROHS exceptions	III-6(c)
REACH-SVHC conformity status	Duty-To-Declare
REACH-SVHC substances	Lead
REACH-SVHC CAS numbers	7439-92-1

Accessories

Commercial Art.No.:	Article-type description:	Description:
99.414.6205.2	Cover for female connector SW	RST20i3/2 cover piece, for covering unused female connectors, with fastening belt, color schwarz
Z5.564.4553.1	Cover for female connector SW	RST20i3/2 cover piece, for covering unused female connectors, color black

Fits with

Commercial Art.No.:	Article-type description:	Description:
X6.030.0153.1	Distributor RST20i3VX3P1 F V SW	RST20i3 distribution block with ATEX-authorization, 3 pole, application 250V with PE, 20A, 1 input and 3 outputs, with fastening option, coding color black, color of housing black
X6.032.4553.1	Connector RST20i3SXS1 ZR3 V SW	RST20i3 connector with ATEX-authorization, 3 pole, male, screw connection, application 250V with PE, 20A, for cable diameters 14-18mm, coding color black, color of housing black

X6.032.5053.1	Device connector RST20I3S S1 M01V SW	RST20i3 device connector M25with ATEX-authorization, , 3 pole, male, screw connection, application 250V with PE, 20A, coding color black
X6.032.6053.1	Device connector RST20I3SXS1 M00V SW	RST20i3 device connector M20with ATEX-authorization, , 3 pole, male, screw connection, modular, application 250V with PE, 20A, coding color black, color of housing black