

## Data sheet

Commercial Art.No.: X6.031.4053.0

Connector RST20I3SX B1 ZR1 GL

RST20i3 connector with ATEX-authorization, 3 pole, female, screw connection, application 250V with PE, 20A, for cable diameters 6-10mm, coding color light grey, color of housing light grey



Commercial Art.No.	X6.031.4053.0
EAN	4049088011139
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	light grey
Marking of poles	L, N, PE
Color of housing inclusive strain relief	light grey
Explosion-tested version	yes

### 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	0.291 kWh
Insulation components continuous temperature	100 °C
Surface finish	Silver-plated

#### Connection Data

Cable diameter max.	10 mm
Cable diameter min.	6 mm
Connection cross section solid mm <sup>2</sup> max.	4 mm <sup>2</sup>
Connection cross section solid mm <sup>2</sup> min.	1.5 mm <sup>2</sup>
Connection cross section fine stranded mm <sup>2</sup> max.	4 mm <sup>2</sup>
Connection cross section fine stranded mm <sup>2</sup> min.	1.5 mm <sup>2</sup>
Terminations per pole	1
sheath strip length	26.5 mm
Wire strip length	8 mm

#### Dimensions

Length	82 mm
Width	34.6 mm
Height	34.6 mm

#### Note

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

#### 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:
99.413.6205.2	Cover for female connector GL	RST20i3/2 cover piece, for covering unused female connectors, with fastening belt, color light grey
Z5.564.4553.0	Cover for female connector GL	RST20i3/2 cover piece, for covering unused female connectors, color light grey

#### Fits with

Commercial Art.No.:	Article-type description:	Description:
X6.032.4053.0	Connector RST20i3SXS1 ZR1 V GL	RST20i3 connector with ATEX-authorization, 3 pole, male, screw connection, application 250V with PE, 20A, for cable diameters 6-10mm, coding color light grey, color of housing light grey
X6.032.5053.0	Device connector RST20i3SXS1 M01V GL	RST20i3 device connector M25with ATEX-authorization, , 3 pole, male, screw connection, application 250V with PE, 20A, coding color light grey

X6.032.6053.0	Device connector RST20i3SXS1 M00V GL	RST20i3 device connector M20with ATEX-authorization, , 3 pole, male, screw connection, modular, application 250V with PE, 20A, coding color light grey, color of housing light grey
---------------	--------------------------------------	-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------