

Data sheet

Commercial Art.No.: X6.051.4053.1

Connector RST20i5SXB1 ZR1 SW

RST20i5 connector with ATEX-authorization, 5 pole, female, screw connection, application 250/400V with PE, 20A, for cable diameters 6-10mm, coding color black, color of housing black



Commercial Art.No.	X6.051.4053.1
EAN	4049088009792
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 / 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, 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	0.29 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 ² max.	2.5 mm ²
Connection cross section solid mm ² min.	1.5 mm ²
Connection cross section fine stranded mm ² max.	2.5 mm ²
Connection cross section fine stranded mm ² min.	1.5 mm ²
Terminations per pole	1
sheath strip length	26.5 mm
Wire strip length	8 mm

Dimensions

Length	80.4 mm
Width	34.6 mm
Height	34.6 mm

Note

Note	fine-stranded and stranded wires have to be used without ferrules
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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:
99.530.0000.7	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	Opener RST20i3/i5 SCHWARZ	Manual disconnect for later installation of RST connectors, color black

Fits with

Commercial Art.No.:	Article-type description:	Description:
X6.052.4053.1	Connector RST20i5SXS1 ZR1 V SW	RST20i5 connector with ATEX-authorization, 5 pole, male, screw connection, application 250/400V with PE, 20A, for cable diameters 6-10mm, coding color black, color of housing black
X6.052.5053.1	Device connector RST20i5SXS1 M01V SW	RST20i5 device connector M25with ATEX-authorization, , 5 pole, male, screw connection, application 250/400V with PE, 20A, coding color black

X6.052.6053.1	Device connector RST20i5SXS1 M00V SW	RST20i5 device connector M20with ATEX-authorization, , 5 pole, male, screw connection, modular, application 250/400V with PE, 20A, coding color black, color of housing black
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