

Datasheet

Art.No. 96.031.4053.1

Connector RST20I3S B1 ZR1 SW

RST 20i3/2 connector, 3 pole, female, screw connection, application 250V, 20A, for cable diameters 6-10mm, coding color black, color of housing black



Art.No.	96.031.4053.1
EAN	4015573769625
Order unit	1 pieces

Approvals



Technical data

General

Rated current	20 A
Rated voltage	250 V
Rated impulse voltage	4 kV
Strain relief	Yes
Pollution degree	3
Lockable	Yes
Color of coding/ contact carrier	Black
Marking of poles	L, N, PE
Color of housing inclusive strain relief	Black

Connection Data

Cable diameter max.	10 mm
Cable diameter min.	6 mm
Connection cross section solid mm <sup>2</sup> max.	6 mm <sup>2</sup>
Connection cross section solid mm <sup>2</sup> min.	0.75 mm <sup>2</sup>
Connection cross section fine stranded mm <sup>2</sup> max.	6 mm <sup>2</sup>
Connection cross section fine stranded mm <sup>2</sup> min.	0.75 mm <sup>2</sup>
Terminations per pole	1
Connection cross section stranded mm <sup>2</sup> min.	0.75 mm <sup>2</sup>
Connection cross section stranded mm <sup>2</sup> max.	6 mm <sup>2</sup>
sheath strip length	30 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	0.29 kWh
Insulation components continuous temperature	100 °C
Surface finish	Silver-plated

**Dimensions**

Length	82 mm
Width	34.6 mm
Height	34.6 mm

**Classification**

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

**Note**

Note	fine-stranded and stranded wires have to be used without ferrules
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**Accessories / components**

Art.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 schwarz
Z5.564.4553.1	Cover for female connector SW	RST20i3/2 cover piece, for covering unused female connectors, color blac

