Data sheet

Commercial Art.No.: 96.022.4155.7

Connector RST20I2S S1 ZR2 VH GN02

RST20i3/2 connector, 2 pole, male, screw connection, application 250V, 20A, for cable diameters 10-14mm, coding color leaf green, color of housing black

Commercial Art.No.	96.022.4155.7
EAN	4049088375552
Order Unit	1

Certificates / Approvals

Technical data

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	leaves green
Marking of poles	1, 2
Color of housing inclusive strain relief	black

Connection Data

Cable diameter max.	14 mm
Cable diameter min.	10 mm
Connection cross section solid mm² max.	6 mm²
Connection cross section solid mm² min.	0.75 mm²
Connection cross section solid AWG min.	16 AWG
Connection cross section solid AWG max.	10 AWG
Connection cross section fine stranded mm² max.	6 mm²
Connection cross section fine stranded mm² min.	0.75 mm²
Terminations per pole	1
Connection cross section stranded mm² min.	0.75 mm²
Connection cross section stranded mm² max.	6 mm²
Connection cross section stranded AWG min.	16 AWG
Connection cross section stranded AWG max.	10 AWG
sheath strip length	26.5 mm

Wire strip length	8 mm

Model

Model	male
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	0.272 kWh
Insulation components continous temperature	100 °C
Surface finish	Silver-plated

Dimensions

Length	79.1 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.

Classification

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

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:
05.564.4453.1	Cover for male connector SW	RST20i3/2 cover piece, for covering unused male connectors, color black
99.416.6205.2	Cover for male connector SW	RST20i3/2 cover piece, for covering unused male connectors, with fastening belt, color black