product data sheet

item no. 96.034.0155.7

connector RST20I3F S2 YR2SVH GN02

RST20i3 connector (90° angled), 3 pole, male, spring clamp connection, application 250/400V with PE, 20A, for cable diameters 10-14mm, coding color leaf green, color of housing black



item no.	96.034.0155.7
EAN	4049644011962
order unit	100 piece(s)

certificates / approvals

technical data

note

note	fine stranded and stranded conductors require cable end sleeve

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	leaves green
marking of poles	1, 2, PE
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.	2.5 mm²
connection cross section solid mm² min.	0.5 mm²
connection cross section fine stranded mm² max.	1.5 mm²
connection cross section fine stranded mm² min.	0.5 mm²
terminations per pole	2
connection cross section stranded mm² min.	0.75 mm²
connection cross section stranded mm² max.	1.5 mm²
sheath strip length	35 mm
wire strip length	14.5 mm

model

model	male
connection type	spring clamp connection

degree of protection (IP)	IP66/68 (3m;2h) /IP69

material

housing material	polyamide
halogen free	yes
contact material	CuZn
fire load	0 kWh
insulation components continous temperature	100 °C
surface finish	silver-plated

dimensions

length	70.5 mm
width	34.6 mm
height	62.3 mm

accessories

item no.	type	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
06.502.4300.0	screwdriver DIN 5264 A 0,4 X 2,5	Screw driver according to DIN 5264 A, blade: 0.4x2.5 mm, long and straight version
95.101.1300.0	ferrule crimping tool 0,08 - 10 mm²	Crimping tool for ferrules, wire strip length: 7-28 mm, nominal cross section: 0,08-10 mm², length of tool: 180 mm
06.600.3627.0	ferrule DIN 46228-E1-12	RST ferrule, for spring clamp contact, with insulating sleeve, for cross section 1.0 mm²/AWG17
06.600.3727.0	ferrule DIN 46228-E0,75-12	RST ferrule, for spring clamp contact, with insulating sleeve, for cross section 0.75-1.0 mm²/AWG17
06.600.3827.0	ferrule DIN 46228-E0,5-10	RST ferrule, for spring clamp contact, with insulating sleeve, for cross section 0.5 mm²/AWG20
06.600.3927.0	ferrule DIN 46228-E1,5-12	RST ferrule, for spring clamp contact, with insulating sleeve, for cross section 1.5 mm²/AWG16

assembly

item no.	type	description
96.030.0155.7	distributor RST20I3V 3P1 F V H GN0	RST20i3 Distributor, parallel connection, with fastening option, number of poles 3, rated voltage 250 V / 400 V, rated current 20 A, number of inputs 1, number of outputs 3, color of coding/ contact carrier leaves green
96.031.1055.7	device connector RST20I3F B2 M01 H GN0	RST20i3 Device connector, standard, straight, M25, number of poles 3, model female, connection type spring clamp connection, rated voltage 250 V / 400 V, rated current 20 A, color of coding/ contact carrier leaves green
96.233.1031.7	cable assembly RST20I3K1BS 25 H 10GN0	RST20i3 connecting cable, female - male, number of poles 3, rated voltage 250 V / 400 V, rated current 20 A, cable type H07RN-F, total length 1 m, nominal cross section conductor 2.5 mm², color of coding/ contact carrier leaves green
96.031.0155.7	connector RST20I3F B2 ZR2SH GN0	RST20i3 Connector, straight, number of poles 3, female, connection type spring clamp connection, rated voltage 250 V / 400 V, rated current 20 A, cable diameter 10 - 14 mm, color of coding/ contact carrier leaves green
96.031.2155.7	device connector RST20I3F B2 M03 H GN0	RST20i3 Device connector, modular, straight, M16, number of poles 3, model female, connection type spring clamp connection, rated voltage 250 V / 400 V, rated current 20 A, color of coding/ contact carrier leaves green
96.031.2055.7	device connector RST20I3F B2 M00 H GN0	RST20i3 Device connector, modular, straight, M20, number of poles 3, model female, connection type spring clamp connection, rated voltage 250 V / 400 V, rated current 20 A, color of coding/ contact carrier leaves green
96.033.2055.7	device connector RST20I3F B2 M90 H GN0	RST20i3 Device connector, modular, angled 90°, M20, number of poles 3, model female, connection type spring clamp connection, rated voltage 250 V / 400 V, rated current 20 A, color of coding/ contact carrier leaves green
96.035.2155.7	device connector RST20I3F B2 M13 L GN02	RST20i3 device connector (7° angled) M16, 3 pole, female, spring clamp connection, modular, application 250/400V with PE, 20A, coding color leaf green, color of housing black