product data sheet

item no. 96.033.0055.7

connector RST20I3F B2 YR1S H GN02

RST® CLASSIC connector, angled 90°, number of poles 3, female, connection type spring clamp connection, rated voltage 250 V / 400 V, rated current 20 A, cable diameter 6 - 10 mm, color of coding/ contact carrier leaves green



item no.	96.033.0055.7
EAN	4049644011931
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
Pole codification	1, 2, PE
color of housing inclusive strain relief	black
RAL-Nummer Codierung/Kontakteinsatz	6002

connection data

cable diameter max.	10 mm
cable diameter min.	6 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	female
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	0.322 kWh/St
insulation components continous temperature	100 °C
surface finish	silver-plated

dimensions

length	73.4 mm
width	34.6 mm
height	62.3 mm

accessories

item 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 black
Z5.564.4553.1	cover for female connector SW	RST20i3/2 cover piece, for covering unused female connectors, 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	RST® CLASSIC distribution block 1I / 3O, rated voltage 250 V / 400 V, rated current 20 A, number of poles 3, degree of protection (ip) IP66/68 (3m 2h) /IP69, number of inputs 1, number of outputs 3, pole codification 1, 2, PE, color of coding/ contact carrier leaves green, ral number coding/contact
96.032.1055.7	device connector RST20I3F S2 M01VH GN0	RST® CLASSIC device connector, standard, straight, M25, number of poles 3, model male, 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	RST® CLASSIC connecting cable, female - male, number of poles 3, rated voltage 250 V / 400 V, rated current 20 A, cable type H07RN-F, fire class Eca, total length 1 m, nominal cross section conductor 2.5 mm², color of coding/ contact carrier leaves green
96.032.0055.7	connector RST20I3F S2 ZR1SVH GN0	RST® CLASSIC connector, straight, number of poles 3, male, connection type spring clamp connection, rated voltage 250 V / 400 V, rated current 20 A, cable diameter 6 - 10 mm, color of coding/ contact carrier leaves green
96.032.2155.7	device connector RST20I3F S2 M03VH GN0	RST® CLASSIC device connector, modular, straight, M16, number of poles 3, model male, connection type spring clamp connection, rated voltage 250 V / 400 V, rated current 20 A, color of coding/ contact carrier leaves green
96.032.2055.7	device connector RST20I3F S2 M00VH GN0	RST® CLASSIC device connector, modular, straight, M20, number of poles 3, model male, connection type spring clamp connection, rated voltage 250 V / 400 V, rated current 20 A, color of coding/ contact carrier leaves green
96.034.2055.7	device connector RST20I3F S2 M90VH GN0	RST® CLASSIC device connector, modular, angled 90°, M20, number of poles 3, model male, connection type spring clamp connection, rated voltage 250 V / 400 V, rated current 20 A, color of coding/ contact carrier leaves green
96.036.2155.7	device connector RST20I3F B2 M13 L GN02	RST20i3 device connector (7° angled) M16, 3 pole, male, spring clamp connection, modular, application 250/400V with PE, 20A, coding color leaf green, color of housing black