product data sheet

item no. 96.033.0053.0

connector RST20I3F B2 YR1 GL

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



item no.	96.033.0053.0
EAN	4049088000034
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
rated impulse voltage	4 kV
strain relief	yes
pollution degree	3
lockable	self-locking (unlocking by tool)
color of coding/ contact carrier	light grey
marking of poles	L, N, PE
color of housing inclusive strain relief	light grey
RAL-Nummer Codierung/Kontakteinsatz	7035

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	0.326 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
99.413.6205.2	cover for female connector GL	RST20i3/2 cover piece, for covering unused female connectors, with fastening belt, color light grey
Z5.564.4553.0	cover for female connector GL	RST20i3/2 cover piece, for covering unused female connectors, color light grey
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
96.030.0153.0	distributor RST20I3V 3P1 F V GL	RST® CLASSIC distributor, parallel connection, with fastening option, number of poles 3, rated voltage 250 V, rated current 20 A, number of inputs 1, number of outputs 3, color of coding/ contact carrier light grey
96.032.1053.0	device connector RST20I3F S2 M01V GL	RST® CLASSIC device connector, standard, straight, M25, number of poles 3, model male, connection type spring clamp connection, rated voltage 250 V, rated current 20 A, color of coding/ contact carrier light grey
96.233.1030.0	cable assembly RST20I3K1BS 25 10GL	RST® CLASSIC connecting cable, female - male, number of poles 3, rated voltage 250 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 light grey
96.032.0053.0	connector RST20I3F S2 ZR1 V GR	RST® CLASSIC connector, straight, number of poles 3, male, connection type spring clamp connection, rated voltage 250 V, rated current 20 A, cable diameter 6 - 10 mm, color of coding/ contact carrier light grey
96.032.2153.0	device connector RST20I3F S2 M03V GL	RST® CLASSIC device connector, modular, straight, M16, number of poles 3, model male, connection type spring clamp connection, rated voltage 250 V, rated current 20 A, color of coding/ contact carrier light grey
96.032.2053.0	device connector RST20I3F S2 M00V GL	RST® CLASSIC device connector, modular, straight, M20, number of poles 3, model male, connection type spring clamp connection, rated voltage 250 V, rated current 20 A, color of coding/ contact carrier light grey
96.034.2053.0	device connector RST20I3F S2 M90V GL	RST® CLASSIC device connector, modular, angled 90°, M20, number of poles 3, model male, connection type spring clamp connection, rated voltage 250 V, rated current 20 A, color of coding/ contact carrier light grey
96.036.2153.0	device connector RST20I3F S2 M13V GL	RST® CLASSIC device connector, modular, angled 7°, M16, number of poles 3, model male, connection type spring clamp connection, rated voltage 250 V, rated current 20 A, color of coding/ contact carrier light grey