product data sheet

item no. 96.022.0950.8

connector RST20I2F S23ZASSVB KG06

RST® CLASSIC connector, straight, for AS-i profile cable, number of poles 2, male, connection type spring clamp connection, rated voltage 50 V / 120 V, rated current 20 A, AS-i profile cable, color of coding/ contact carrier pebble grey



item no.	96.022.0950.8
EAN	4049644011764
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	50 V / 120 V
rated impulse voltage	4 kV
strain relief	yes
pollution degree	3
lockable	self-locking (unlocking by tool)
color of coding/ contact carrier	pebble grey
marking of poles	+, -
color of housing inclusive strain relief	black
RAL-Nummer Codierung/Kontakteinsatz	7032

connection data

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
special cable geometry	AS-i profile cable
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	0.272 kWh/St
insulation components continous temperature	100 °C
surface finish	silver-plated

dimensions

length	79.1 mm
width	34.6 mm
height	34.6 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
96.020.0150.8	distributor RST20I2V 3P1 F V L KG0	RST® CLASSIC distributor, parallel connection, with fastening option, number of poles 2, rated voltage 50 V / 120 V, rated current 20 A, number of inputs 1, number of outputs 3, color of coding/ contact carrier pebble grey
96.021.0950.8	connector RST20I2F B23ZASS B KG06	RST® CLASSIC connector, straight, for AS-i profile cable, number of poles 2, female, connection type spring clamp connection, rated voltage 50 V / 120 V, rated current 20 A, AS-i profile cable, color of coding/ contact carrier pebble grey