product data sheet

item no. X6.031.5051.4

device connector RST20I3SXB1 M01 L BR0

RST® CLASSIC ATEX device connector, standard, straight, M25, number of poles 3, model female, connection type screw connection, rated voltage 50 V / 120 V, rated current 20 A, color of coding/ contact carrier signal brown



item no.	X6.031.5051.4
EAN	4015573988835
order unit	100 piece(s)

certificates / approvals

SEV-Ex

technical data

note

note	RST® terminals with screw clamping allow the connection of conductors without special preparation (without ferrules) according to EN 60999-1.positioning realised with flattened thread

general

rated current	20 A
rated voltage	50 V / 120 V
pollution degree	3
rated impulse voltage	4 kV
continuity resistor	0.55 mOhm
lockable	self-locking (unlocking by tool)
color of coding/ contact carrier	signal brown
Pole codification	1, 2, PE
explosion-tested version	yes

connection data

connection cross section solid mm² max.	4 mm²
connection cross section solid mm² min.	1.5 mm²
connection cross section fine stranded mm² max.	4 mm²
connection cross section fine stranded mm² min.	1.5 mm²
terminations per pole	1
wire strip length	8 mm

model

model	female
connection type	screw connection
connecting thread metric	M25
angle of plug	straight
degree of protection (IP)	IP66/68 (3m;2h) /IP69

thickness of housings (electrical device)	0.5 mm
thickness of housings (electrical device)	8 mm

material

housing material	polyamide
halogen free	yes
contact material	CuZn
fire load	0.135 kWh/St
insulation components continous temperature	100 °C
surface finish	silver-plated

dimensions

length	50.5 mm
width	35 mm
height	35 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
05.564.8653.1	manual disconnect RST20i3/i5 SCHWARZ	Manual disconnect for later installation of RST connectors, color black
05.566.5253.1	distance ring RST	RST20/25 distance ring, for device connectors to ensure unlocking with screwdriver, color black
05.568.8853.1	distance ring RST	RST20/25 distance ring, for device connectors to ensure unlocking without tool,color black