product data sheet

item no. X6.033.6253.1

device connector RST20I3SXB1 M91 SW

RST® CLASSIC ATEX device connector, modular, angled 90°, M25, number of poles 3, model female, connection type screw connection, rated voltage 250 V, rated current 20 A, color of coding/ contact carrier black



item no.	X6.033.6253.1
EAN	4049088061424
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	250 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	black
marking of poles	L, N, PE
color of separate adapter (if present)	black
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	square
inclination	90 °
degree of protection (IP)	IP66/68 (3m;2h) /IP69
thickness of housings (electrical device) 2	0.5 mm
thickness of housings (electrical device)	8 mm

material

housing material	polyamide
halogen free	yes
contact material	CuZn
fire load	0.247 kWh/St
insulation components continous temperature	100 °C
surface finish	silver-plated

dimensions

length	73.4 mm
width	34.6 mm
height	54.3 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