product data sheet

item no. X6.051.5053.9

device connector RST20I5SXB1 M01 BL04

RST20i5 ATEX Device connector, standard, straight, M25, number of poles 5, model female, connection type screw connection, rated voltage 250 V / 400 V, rated current 20 A, color of coding/ contact carrier light blue



item no.	X6.051.5053.9
EAN	4049088089350
order unit	100 piece(s)

certificates / approvals

SEV-Ex

technical data

note

note	fine-stranded and stranded wires have to be used without ferrulespositioning realised with flattened thread

general

rated current	20 A
rated voltage	250 V / 400 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	light blue
marking of poles	1, 2, 3, 4, 5
explosion-tested version	yes

connection data

connection cross section solid mm² max.	2.5 mm²
connection cross section solid mm² min.	1.5 mm²
connection cross section fine stranded mm² max.	2.5 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) 2	0.5 mm

thickness of housings (electrical device)	8 mm

material

housing material	polyamide
halogen free	yes
contact material	CuZn
fire load	0.132 kWh
insulation components continous temperature	100 °C
surface finish	silver-plated

dimensions

length	51.4 mm
width	35 mm
height	35 mm

accessories

item no.	type	description
99.530.0000.7	cover for female connector SW	RST20i5/4 cover piece, for covering unused female connectors, with fastening belt, color black
Z5.565.9853.1	cover for female connector SW	RST20i5/4 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