product data sheet

item no. X6.042.5053.1

device connector RST20I4SXS1 M01V SW

RST® CLASSIC ATEX device connector, standard, straight, M25, number of poles 4, model male, connection type screw connection, rated voltage 250 V / 400 V, rated current 20 A, color of coding/ contact carrier black



item no.	X6.042.5053.1
EAN	4049088089107
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 / 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	black
Pole codification	1, 2, 3, PE
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	male
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	0.131 kWh/St
insulation components continous temperature	100 °C
surface finish	silver-plated

dimensions

length	49.4 mm
width	35 mm
height	35 mm

accessories

item no.	type	description
05.565.9953.1	cover for male connector SW	RST20i5/4 cover piece, for covering unused male connectors, color black
99.532.0000.7	cover for male connector SW	RST20i5/4 cover piece, for covering unused male connectors, with fastening belt, color black