

Product data sheet

Item No. 97.051.4053.1

Female connector RST50i5S S1 ZR5 S

RST50i5 Connector, female housing with screw contacts, 5-pole, 50A, for cross section: solid/stranded 4,0-6,0mm²/AWG12-AWG10, flexible wire 4,0-16,0mm²/AWG12-AWG6, cable diameter M32 (15-25mm), color black



Item No.	97.051.4053.1
EAN	4049088070549
Order Unit	20 Piece(s)

Certificates / Approvals



Technical data

General

Rated current	50 A
Rated voltage	250 V
Rated voltage 2	400 V
Rated impulse voltage	4 kV
Pull relief	Yes
Pollution degree	3
Mechanical coding	Yes
Interlockable	Yes
Color of coding/ contact carrier	Black
Marking of poles	
Color of housing inclusive strain relief	Black

Connection Data

Cable diameter 2	15 mm
Cable diameter 3	25 mm
Cross section solid 2	4 mm ²
Cross section solid 3	6 mm ²
Cross section stranded 2	4 mm ²
Cross section stranded 3	16 mm ²
Terminations per pole	1

Model

Number of poles	5
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Connection type	Screw connection
Degree of protection (IP)	IP67

Material

Housing material	Plastic
Halogen free	Yes
Contact material	CuZn
Insulation components continuous temperature	80 °C
Surface finish	Silver-plated

Dimensions

Length	135.5 mm
Width	65 mm
Height	65 mm

Technical drawing

Auslieferungszustand
delivery status
(1:2)

für Kabeldurchm. 15-25mm
for cable diameter 15-25mm

Farbe: schwarz,
ähnl. RAL9005
color: black,
similar to RAL9005

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similar to RAL9005

Verpackungseinheit: je 20 Stück
packaging unit: per 20

Anschlussart: Schraub
Anschlussquerschnitt: ein-/ mehrdrähtig: 4-6 mm² / feindrähtig: 4'-16 mm²
connection type: screw
cross section: solid/ stranded: 4-6 mm² / flexible: 4'-16 mm²

* Leiter 4 mm² flexibel nur in Verbindung mit Aderendhülsen.
Conductor flexible 4 mm² only by using of end sleeves.

A-A

Type: RST50i5S B1 ZR5 S SW

50 A/250 V/400 V/4 kV/2 IP66/67

Freitoleranz nach DIN 7167/Tolerance system acc. to DIN 7167
This DIN-standard describes the envelope principle. According to the envelope principle the deviations of form and parallelism are limited by the size tolerances.

1. Verwendungs- und Detailtoleranzen nach DIN 7167-05/03 (ist verbindlich).
Conformity with Wieland document 00-TDP-05/03 (list of prohibited / decried tolerances) to be observed!

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