product data sheet

item no. 97.042.4053.1

connector RST50I4S S1 ZR5 S SW

RST® POWER connector, straight, number of poles 4, male, connection type screw connection, rated voltage 250 V / 400 V, rated current 50 A, cable diameter 15 - 25 mm, color of coding/ contact carrier black



item no.	97.042.4053.1
EAN	4049088070532
order unit	20 piece(s)

certificates / approvals

technical data

note

note	fine-stranded and stranded wires have to be used without ferrules

general

rated current	50 A
rated voltage	250 V / 400 V
rated impulse voltage	4 kV
strain relief	yes
pollution degree	3
lockable	yes
color of coding/ contact carrier	black
marking of poles	1, 2, 3, PE
color of housing inclusive strain relief	black
RAL-Nummer Codierung/Kontakteinsatz	9005

connection data

cable diameter max.	25 mm
cable diameter min.	15 mm
connection cross section solid mm² max.	6 mm²
connection cross section solid mm² min.	4 mm²
connection cross section fine stranded mm² max.	16 mm²
connection cross section fine stranded mm² min.	4 mm²
terminations per pole	1
connection cross section stranded mm² min.	4 mm²
connection cross section stranded mm² max.	6 mm²
sheath strip length	80 mm
wire strip length	10 mm

model

model	male
connection type	screw connection
degree of protection (IP)	IP66/IP67/IP69

material

housing material	polyamide
halogen free	yes
contact material	CuZn
fire load	0.379 kWh/St
surface finish	silver-plated

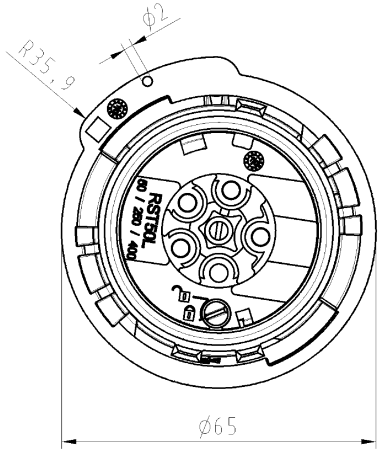
dimensions

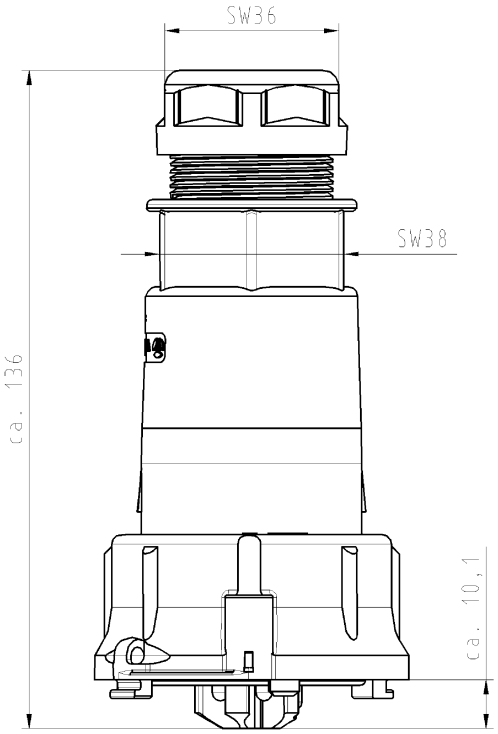
length	140 mm
width	65 mm
height	65 mm

assembly

item no.	type	description
97.041.4053.1	connector RST50I4S B1 ZR5 S SW	RST® POWER connector, straight, number of poles 4, female, connection type screw connection, rated voltage 250 V / 400 V, rated current 50 A, cable diameter 15 - 25 mm, color of coding/ contact carrier black
97.041.5553.1	device connector RST50I4S B1 ZM02V SW	RST® POWER device connector, standard, straight, fixed in position, M32, number of poles 4, model female, connection type screw connection, rated voltage 250 V / 400 V, rated current 50 A, color of coding/ contact carrier black

technical drawing



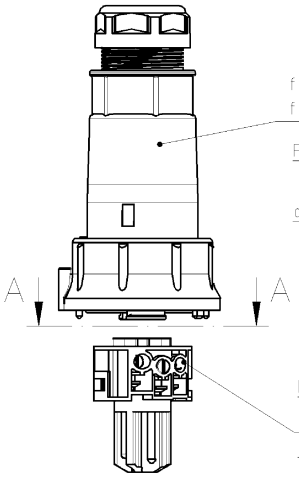


These dimensions will be especially checked at delivery
Only inspection dimensions
With -E marked dimensions are only valid for internal use

Diese Maße werden bei Abnahme besonders geprüft
Ausschließlich Prüfmaße
Mit -E gekennzeichnete Maße sind nur für interne Zwecke gültig

Auslieferungszustand
delivery status

(1:2)



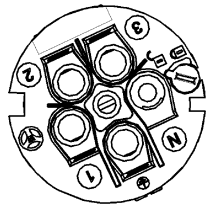
für Kabeldurchm. 15-25mm
for cable diameter 15-25mm

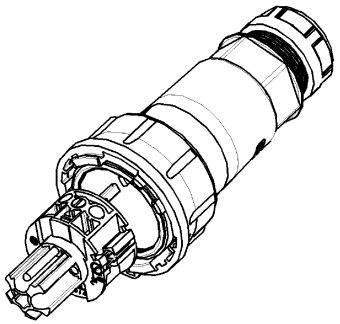
Farbe: schwarz, ähnl. RAL9005
color: black, similar to RAL9005

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

Verpackungseinheit: je 20 Stück
packaging unit: per 20

A-A





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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.

Type: RST50i4S S1 ZR5 S SW

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

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

ja/yes ☒ Stoffverbots- und Deklarationsliste nach UU-TOM-05/03 ist einzuhalten.
Conformity with Wieland document UU-TOM-05/03 (list of prohibited / declarable hazardous substances) to be declared!

Freitoleranz nach
General tolerance

CAD - Zeichnung, keine manuellen Änderungen
CAD - drawing, no manual modifications allowed

1.Verwendung: -
First Use:

Blatt: 1 von 1
Sheet: 1 of 1

Werkstoff/Material	2012	Tag/Date	Name	Zeichnung Nr./Drawing No.	Index
	gezeichnet drawn	17.02.	Bratkorb	97.042.4053.1 01K	
Maßstab/Scale 1:1	geprüft checked	-	-		
	Normgepr. Stand. check	-	-	Maße in mm/Dimensions are in mm	
Vol. mm³ Oft./Surf. mm²	Ersatz für/Replacement for: -				
wieland Elektrische Verbindungen	Type	Benennung/Title: ERSTANSCHLUSS_ST_KOMPLETT			

Index | Datum / Blatt Date / Sheet
Änderung/Revision

97042405101K_2 CADW2028 hollet 2012-05-24T09:00:53 1.000

OU-PEM-08/91a