product data sheet

item no. 97.042.4253.1

connector RST50I4S S1 ZR7 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 20 - 32 mm, color of coding/ contact carrier black



item no.	97.042.4253.1
EAN	4049088140952
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.	32 mm
cable diameter min.	20 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

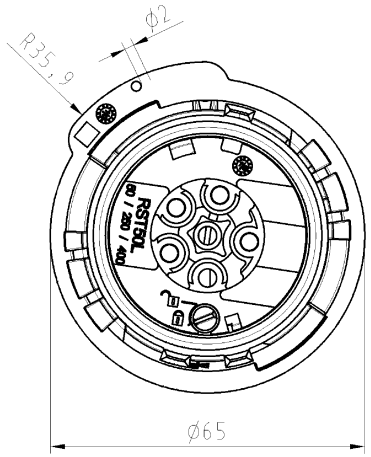
dimensions

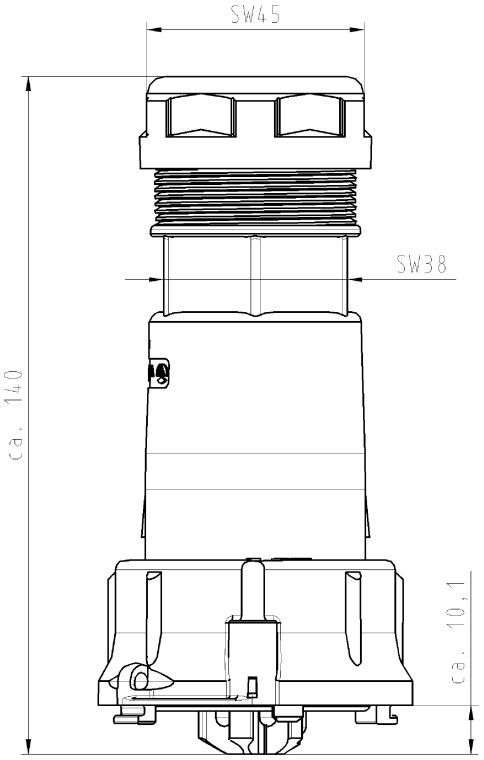
length	140 mm
width	65 mm
height	65 mm

assembly

item no.	type	description
97.041.4253.1	connector RST50I4S B1 ZR7 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 20 - 32 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

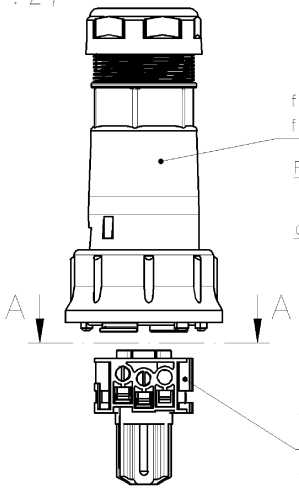
technical drawing





Auslieferungszustand
delivery status

(1:2)



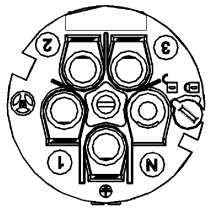
für Kabeldurchm. 20-32mm
for cable diameter 20-32mm

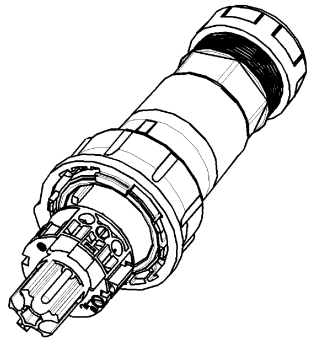
Farbe: schwarz, ähnl. RAL9005
color: black, similar to RAL9005

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

Verpackungseinheit: je 20 Stück
packaging unit: per 20

A-A





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 ZR7 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

Maßstab/Scale: 1:1

Vol. mm³ Oft./Surf. mm²

	2012	Tag/Date	Name
gezeichnet / drawn		17.02.	Brotkorb
geprüft / checked		-	-
Normgepr. / Stand. check		-	-

Zeichnung Nr./Drawing No.: 97.042.4253.1 01K

Index

Maße in mm/Dimensions are in mm

Ersatz für/Replacement for: -

Type

Benennung/Title: ERSTANSCHLUSS_ST_KOMPLETT

wieland
Elektrische Verbindungen

Index / Datum / Blatt / Date / Sheet
Änderung/Revision

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

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