product data sheet

item no. 97.042.5553.1

device connector RST50I4S S1 ZM02V SW

RST® POWER device connector, standard, straight, fixed in position, M32, number of poles 4, model male, connection type screw connection, rated voltage 250 V / 400 V, rated current 50 A, color of coding/ contact carrier black



item no.	97.042.5553.1
EAN	4049088070563
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
pollution degree	3
rated impulse voltage	4 kV
continuity resistor	0.4 mOhm
lockable	yes
color of coding/ contact carrier	black
marking of poles	1, 2, 3, PE

connection data

connection cross section solid mm² max.	16 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
wire strip length	10 mm
connection cross section stranded mm² min.	4 mm²
connection cross section stranded mm² max.	16 mm²

model

model	male
connection type	screw connection
connecting thread metric	M32

angle of plug	straight
degree of protection (IP)	IP66/IP67/IP69
thickness of housings (electrical device)	2 mm
thickness of housings (electrical device)	7 mm

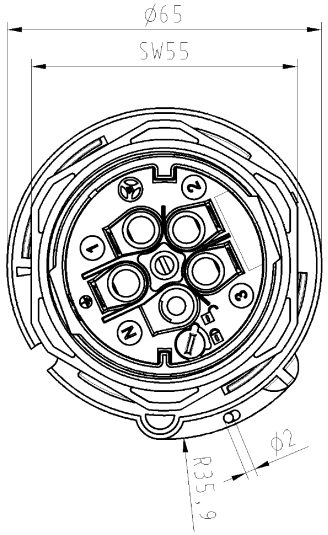
material

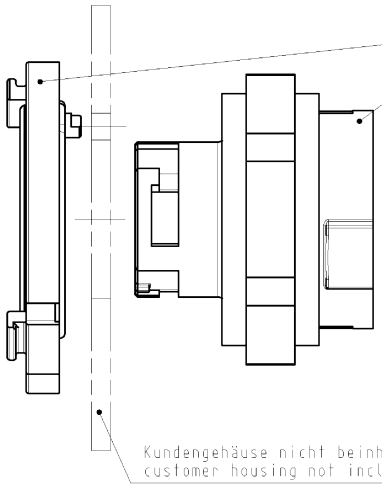
housing material	polyamide
halogen free	yes
contact material	CuZn
fire load	0.395 kWh/St
surface finish	silver-plated

dimensions

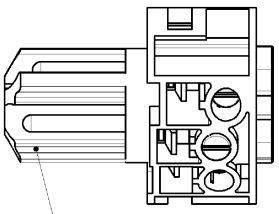
length	56.7 mm
width	65 mm
height	65 mm

technical drawing

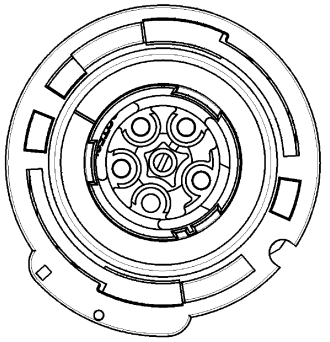


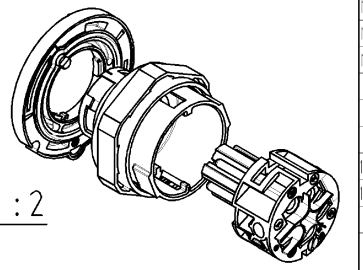


Farbe: schwarz,
ähnl. RAL9005
color: black,
similar to RAL9005



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





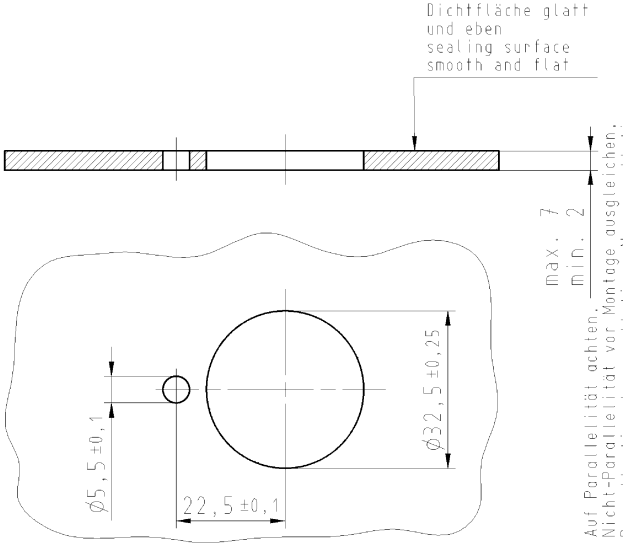
M1 : 2

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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

Gehäuseausschnitt
cutout



Auf Parallelität achten,
Nicht-Parallelität vor Montage ausgleichen.
Pay attention to parallelism. Non-parallelism
must be equalized before installation.

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

Anschlussart: Schraub
Anschlussquerschnitt: (ein-/ mehr-/ feindrähtig): 4*-16 mm²

connection type: screw
cross section: (solid/ stranded/ 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 ZM02V SW

Verpackungseinheit: je 20 Stück
packaging unit: per 20

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

gezeichnet/drawn: 21.02. Bratkorb
geprüft/checked: - -
Normgepr./Stand. check: - -

Maßstab/Scale 1:1

Zeichnung Nr./Drawing No. 97.042.5553.1 01K

Index

Maße in mm/Dimensions are in mm

Vol. mm³ Oft./Surf. mm²

Ersatz für/Replacement for: -

wieland
Elektrische Verbindungen

Type

Benennung/Title
GERAETEANSCHLUSS_ST_KOMPLETT

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

97042555301K_2 CADM2028 hollet 2012-05-24T09:01:51 1.000

OU-PEM-08/91a