product data sheet

item no. 97.052.5053.1

device connector RST50I5S S1 M02V SW

RST® POWER device connector, standard, straight, not fixed in position, M32, number of poles 5, model male, connection type screw connection, rated voltage 250 V / 400 V, rated current 50 A, color of coding/ contact carrier black



item no.	97.052.5053.1
EAN	4049088080098
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	3, N, PE, 2, 1
color of separate adapter (if present)	black

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	0.506 kWh/St
insulation components continous temperature	80 °C
surface finish	silver-plated

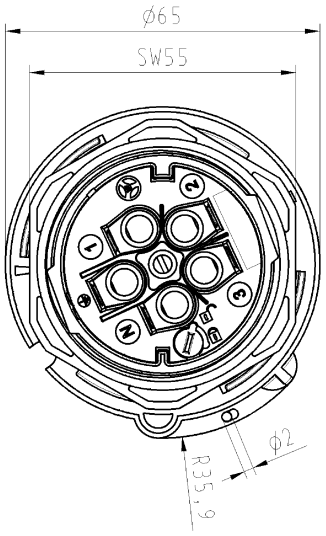
dimensions

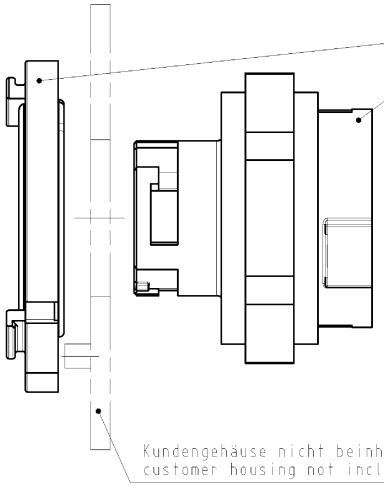
length	56.7 mm
width	65 mm
height	65 mm

accessories

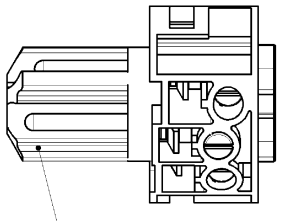
item no.	type	description
05.568.1853.0	adapter ring M40	RST 50 adaptor ring, for fixation in 40 mm drill hole, for device connectors, color black

technical drawing



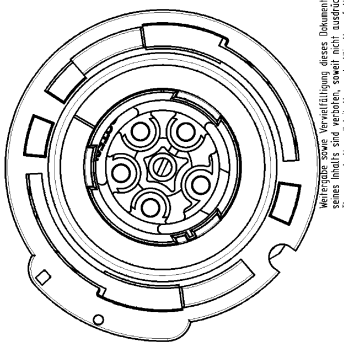


Farbe: schwarz,
ähnl. RAL9005
color: black,
similar to RAL9005

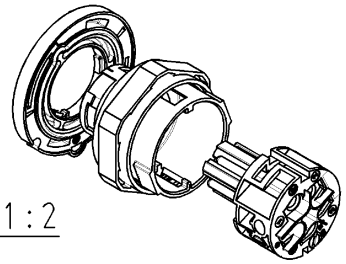


Farbe: schwarz,
ähnl. RAL9005
color: black,
similar to RAL9005

Kundengehäuse nicht beinhaltet
customer housing not included

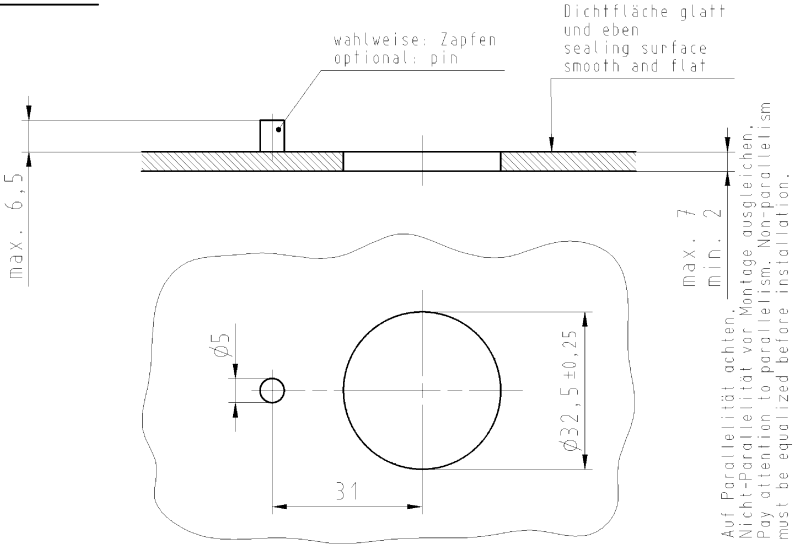


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M1:2

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.

Verpackungseinheit: je 20 Stück
packaging unit: per 20

Type: RST50i5S S1 M02V SW

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 OU-TOM-05/03 ist einzuhalten. Conformity with Wieland document OU-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

	Tag/Date	Name
2011		
gezeichnet / drawn	03.05.	Brotkorb
geprüft / checked	-	-
Normgeprüft / Stand. check	-	-

Zeichnung Nr./Drawing No.: 97.052.5053.1 01K

Index

Maße in mm/Dimensions are in mm

Ersatz für/Replacement for: -

wieland
Elektrische Verbindungen

Type

Benennung/Title: GERAETEANSCHLUSS_ST_KOMPLETT

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

97052505301K_2 CADW2028 hoMet 2012-05-24T12:54:24 1.000

OU-PEM-08/91