

Data sheet

Art.No.: 70.300.0640.0

Female insert BAS BUS 6 2,5 50

revos BASIC 500V 6 pole + ground, female insert 500V/16A with wire protection, Sn screw connection



Art.No.	70.300.0640.0
EAN	4015573219588
Order Unit	10

Certificates / Approvals



Technical data

General

Model	Female insert
Inflammability class of insulation material acc. with UL94	V0
Color	Grey
Mating cycles	200
Pollution degree	3
Modular version	No
Operating temperature range min.	-40 °C
Operating temperature range max.	120 °C

Connection Data

Connection type	Screw connection
Number of poles	6
Plus switching contacts	0
Number of pole for rated current 2	0
Number of pole for rated current 3	0
Total number of poles (without ground contact)	6
With wire protection	Yes
Min. conductor diameter rigid (solid/stranded)	0.5 mm ²
Max. conductor diameter rigid (solid/stranded)	2.5 mm ²
Protective contact	Yes

Technical Data UL/CSA

Rated voltage according to UL/CSA	600 V
Rated current according UL	16 A
Rated current according CSA	16 A

Min. conductor cross section flexible wire	0.5 mm ²
Max. conductor cross section flexible wire	2.5 mm ²
Conductor cross section flexible AWG wire	22-14 AWG

Model

With housing	No
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Contacts

Contact material	Copper alloy
Surface	Tin-plated
Contact resistance	≤ 1.5 mOhm
Wire strip length	7 mm

Screws head design/recomm. Torque

Mounting screws	H1/0.5-0.7 Nm
Clamping screws	H1/0.5-0.7 Nm
Ground conductor screws	H2/1.2-1.6 Nm

Technical Data DIN EN 61984

Nominal voltage	500 V
Rated voltage face/ground	500 V
Nominal current	16 A
Rated impulse voltage	6 kV

Classification

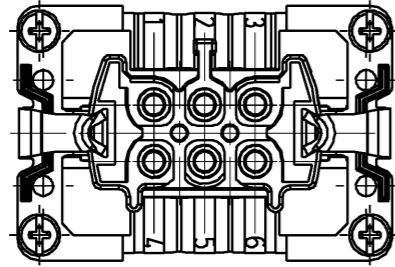
ECLASS 8.1	27440205
ETIM 7.0	EC000438
ETIM 6.0	EC000438
ETIM 5.0	EC000438
ETIM 4.0	EC000438
ETIM 3.0	EC000438

Kodieransichten Ausführung 6-/16-/24-polig
Coding view execution 6-/16-/24-pole

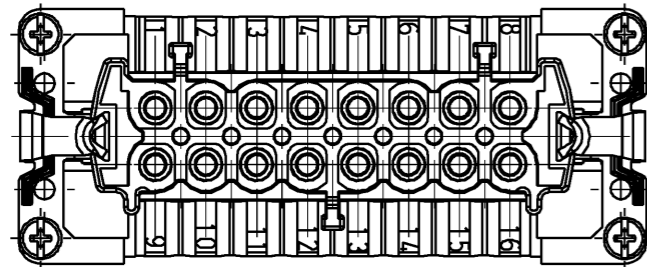


These dimensions will be especially checked at delivery
Only inspection dimensions
With JE marked dimensions are only valid for internal use

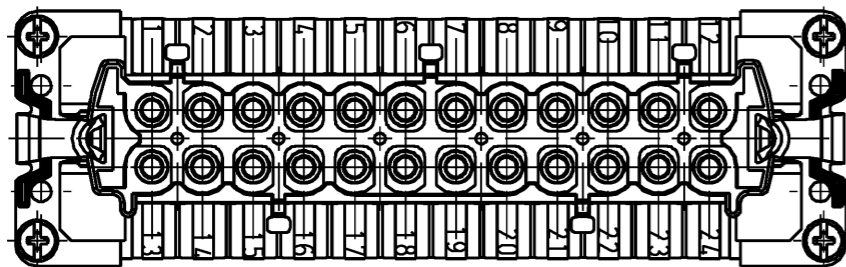
6-polig/6-pole
70.300.0640.0



16-polig/16-pole
70.300.1640.0



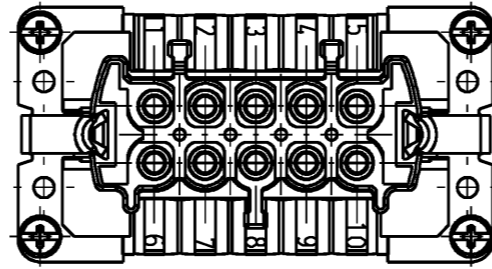
24-polig/24-pole
70.300.2440.0



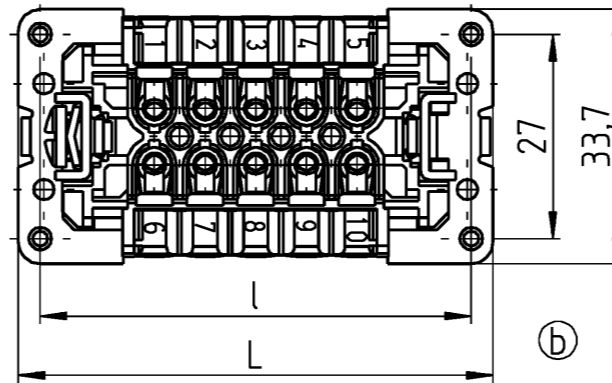
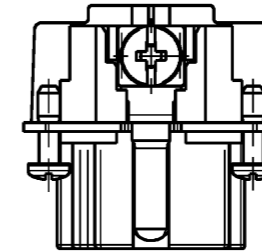
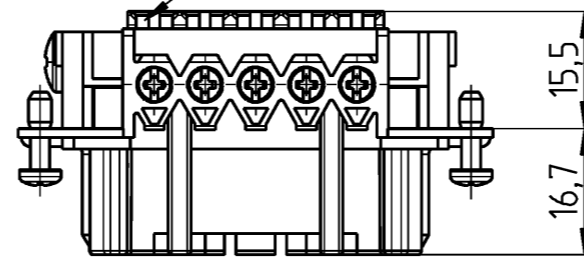
Diese Maße werden bei Abnahme besonders geprüft
Ausschließlich Prüfmaße
Mit JE gekennzeichnete Maße sind nur für interne Zwecke gültig



10-polig/10-pole
70.300.1040.0



Farbe: kieselgrau
colour: pebble gray



Weitere Daten siehe Katalog
further data see catalog

Teile-Nr. part no.	Typ type	Polzahl pole	L	l
70.300.0640.0	BAS BUS 6 2,5 50	6x	49,8	44
70.300.1040.0	BAS BUS 10 2,5 50	10x	62,8	57
70.300.1640.0	BAS BUS 16 2,5 50	16x	83,3	77,5
70.300.2440.0	BAS BUS 24 2,5 50	24x	109,8	104

Tolerierung Size ISO 14405 $\text{\textcircled{E}}$ / Tolerance system Size ISO 14405 $\text{\textcircled{E}}$.
(This ISO-standard describes 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 WN 5020.010 ist einzuhalten.
Conformity with Wieland document WN 5020.010 e (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	Tag/Date	Name	Zeichnung Nr. / Drawing No.	Index
Maßstab / Scale	gezeichnet/drawn	geprüft/checked		
1:1	09.07.2003	Bauer	T 70.300.0640.001K	c
Maße in mm / Dimensions are in mm				

c 31.01.2017 / Vol. mm³ Dfl./Srf. mm² Ersatz für / Replacement for:

b 23.04.2012 / Type Benennung/Title

a 23.04.20004/

Index Datum / Blatt Date / Sheet

Änderung / Revision



BUCHSENEINSATZ
2,5 qmm 500V 16A Schraubanschluss u. Drahtschutz
male insert screw connection and wire protection

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