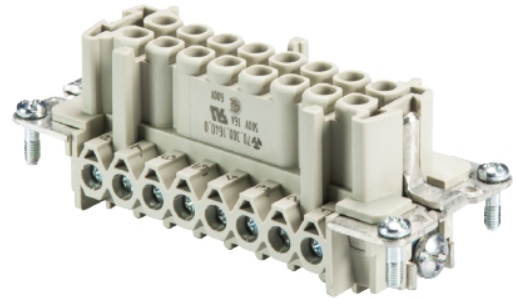


Data sheet

Commercial Art.No.: 70.300.1640.0

female insert BAS BUS 16 2,5 50

Female insert revos basic, screw type, 16-poles, rated current: 16A, rated voltage:500V, with tin-plated contacts



Commercial Art.No.	70.300.1640.0
EAN	4015573219625
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
suitable for modular version	no
operating temperature range min.	-40 °C
operating temperature range max.	120 °C

connection data

connection type	screw connection
number of poles	16
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)	16
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

nominal voltage according to UL/CSA	600 V
-------------------------------------	-------

nominal current according UL	16 A
nominal 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
nominal voltage face/ground	500 V
nominal current	16 A
rated impulse voltage	6 kV

classification

ECLASS 11	
ECLASS 8.1	27440205
ETIM 9.0	EC000438
ETIM 8.0	EC000438
ETIM 7.0	EC000438
ETIM 6.0	EC000438
ETIM 5.0	EC000438
ETIM 4.0	EC000438

product compliance

ROHS conformity status	compliant/exempted
ROHS exceptions	III-6(c)
REACH-SVHC conformity status	Duty-To-Declare
REACH-SVHC substances	Lead
REACH-SVHC CAS numbers	7439-92-1

A
Weitergabe sowie Vervielfältigung dieses Dokuments, Verwertung und Mitteilung seines Inhalts sind verboten, soweit nicht ausdrücklich gestattet.
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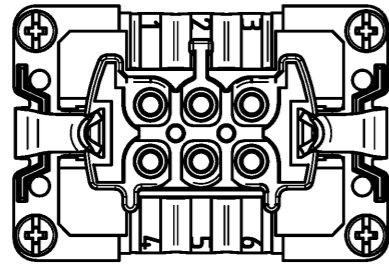
B
These dimensions will be especially checked at delivery
Only inspection dimensions
With /E marked dimensions are only valid for internal use

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

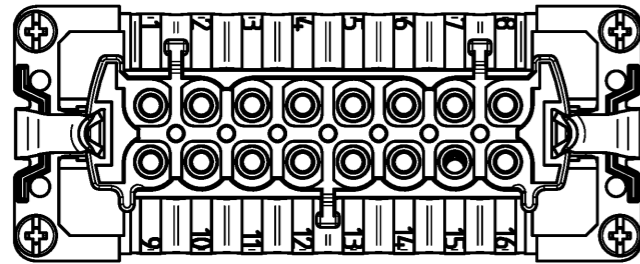
F

Kodieransichten Ausführung 6-/16-/24-polig
Coding view executing 6-/10-/24-pole

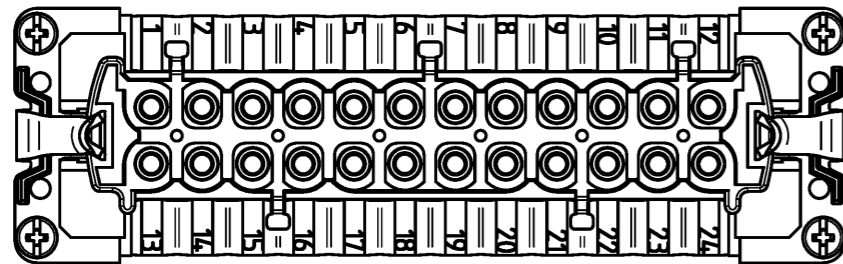
6-polig/6-pole
70.300.0640.0



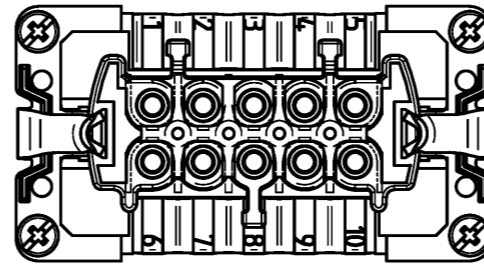
16-polig/16-pole
70.300.1640.0



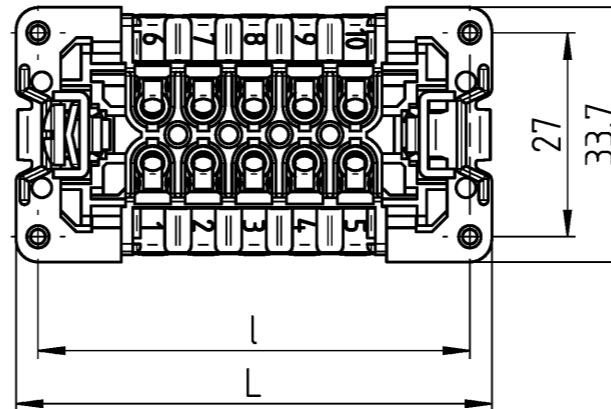
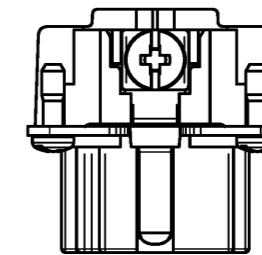
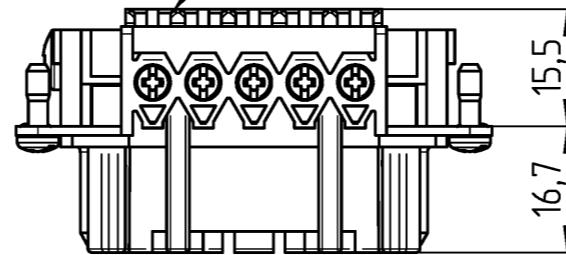
24-polig/24-pole
70.300.2440.0



10-polig/10-pole
70.300.1040.0



Farbe: kieselgrau
colour: pebble grey



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 © / Tolerance system Size ISO 14405 ©. (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 <input checked="" type="checkbox"/> 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		Zeichnung Nr. / Drawing No.	
Tag/Date		Name	
gezeichnet drawn		19.07.2022 Lunz S.	
Maßstab / Scale		T 70.300.0640.0 13K	
1:1		Elektronische Freigabe Electronic Release	
Vol. mm³ / Of./Srf. mm²		Ersatz für / Replacement for: 70.300.0640.001K mit Index "c" vom 31.01.2017	
Index Datum / Blatt Date / Sheet		Benennung/Title	
Änderung / Revision		siehe Tabelle	
wieland		BUCHSENEINSATZ	
		2,5 qmm 500V 16A Schraubanschluss u. Drahtschutz female insert screw connection and wire protection	