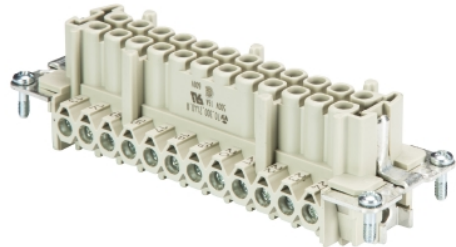


Data sheet

Commercial Art.No.: 70.300.2440.0

Female insert BAS BUS 24 2,5 50

Female insert revos basic, 24-poles, rated current: 16A, rated voltage:500V, with tin-plated contacts



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	24
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)	24
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 11	
ECLASS 8.1	27440205
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

	1	2	
A	Kodieransichten Ausführung 6-/16-/24-polig Coding view execution 6-/16-/24-pole		Ⓒ

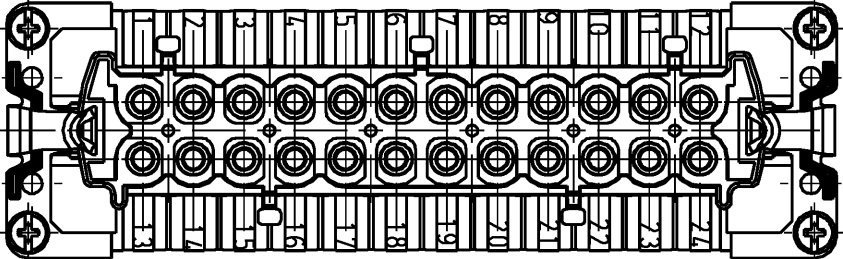
6-polig/6-pole
70.300.0640.0

These dimensions will be especially checked at delivery
Only inspection dimensions

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

16-polig/16-pole
 70.300.1640.0

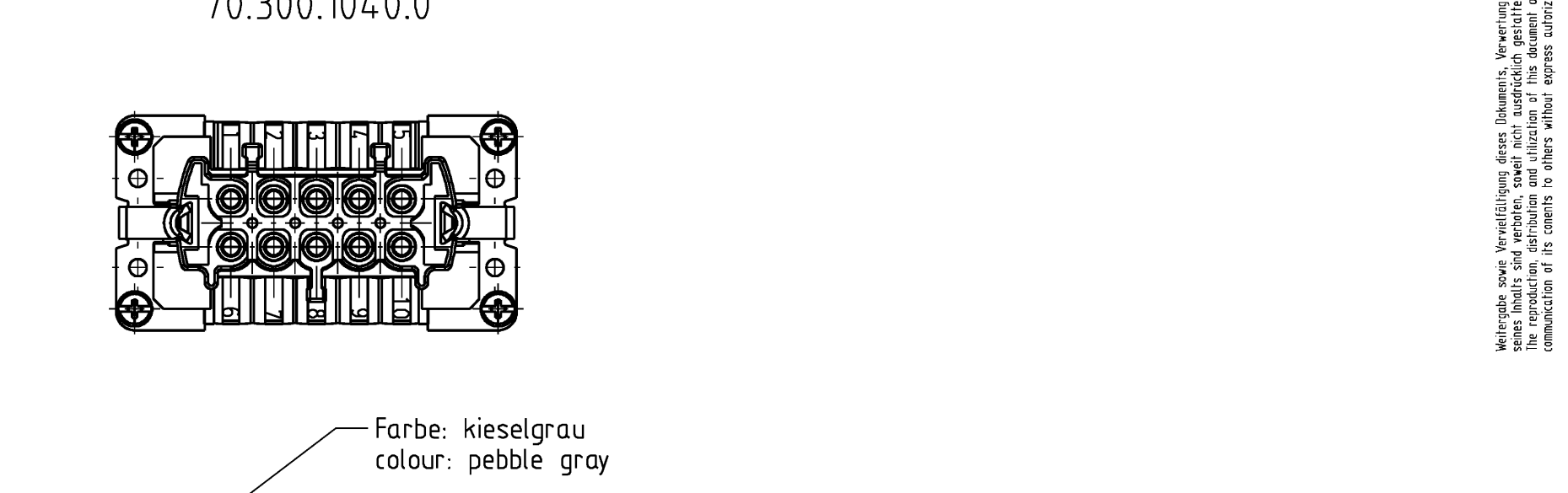
24-polig/24-pole
70.300.2440.0



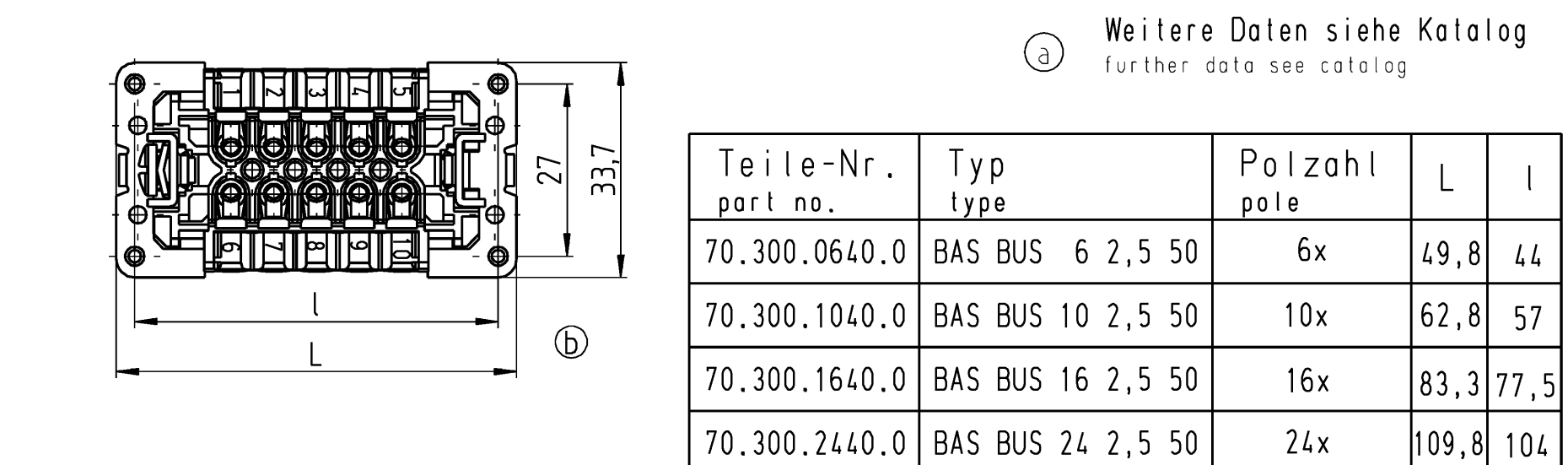
3 4 5 6

10-polig/10-pole
70 300 10 / 0 0



und Mitteilung
t. is well as the
action is prohibited.



The technical drawing consists of two orthographic projections of a mechanical part. The left projection is a side elevation showing five circular features arranged horizontally. Dimension lines indicate a width of 16,7 and a height of 15,5. The right projection is a front elevation showing a central circular feature with a crosshair symbol.



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

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	
	/	 Maßstab / Scale 1:1	Werkstoff / Material		Tag/Date	Name	<div>T</div> <div>70.300.0640.001K</div> <div>c</div>
	/		gezeichnet drawn	09.07.2003	Bauer		
	/		geprüft checked				
	/		Normgepr. Stand. check				
Maße in mm / Dimensions are in mm							
c	31.01.2017 /	Vol.	mm ³	Dfl./Srf.	mm ²	Ersatz für / Replacement for:	
b	23.04.2012 /			Type	Benennung/Title		
a	23.04.20004/			<div>BUCHSENEINSATZ</div> <div>2,5 qmm 500V 16A Schraubanschluss u. Drahtschutz</div> <div>male insert screw connection and wire protection</div>			
Index	Datum / Blatt Date / Sheet						
Änderung / Revision		 <div>wieland</div> <div>www.wieland-electric.com</div>					

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