

Data sheet

Commercial Art.No.: 70.300.1040.0

Female insert BAS BUS 10 2,5 50

revos BASIC 500V 10 pole + ground, female insert 500V/16A with wire protection, Sn screw connection

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DIGITALIZATION IN PROGRESS

Commercial Art.No.	70.300.1040.0
EAN	4015573219601
Order Unit	10

Certificates / Approvals



Technical data

General

Model	Female insert
Inflammability class of insulation material acc. with UL94	V0
Colour	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	10
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)	10
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	$\leq 1.5 \text{ m}\Omega$
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

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

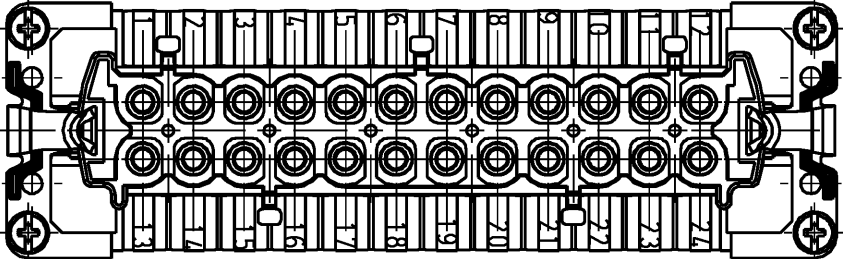
6-polig/6-pole
70.300.0640.0

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

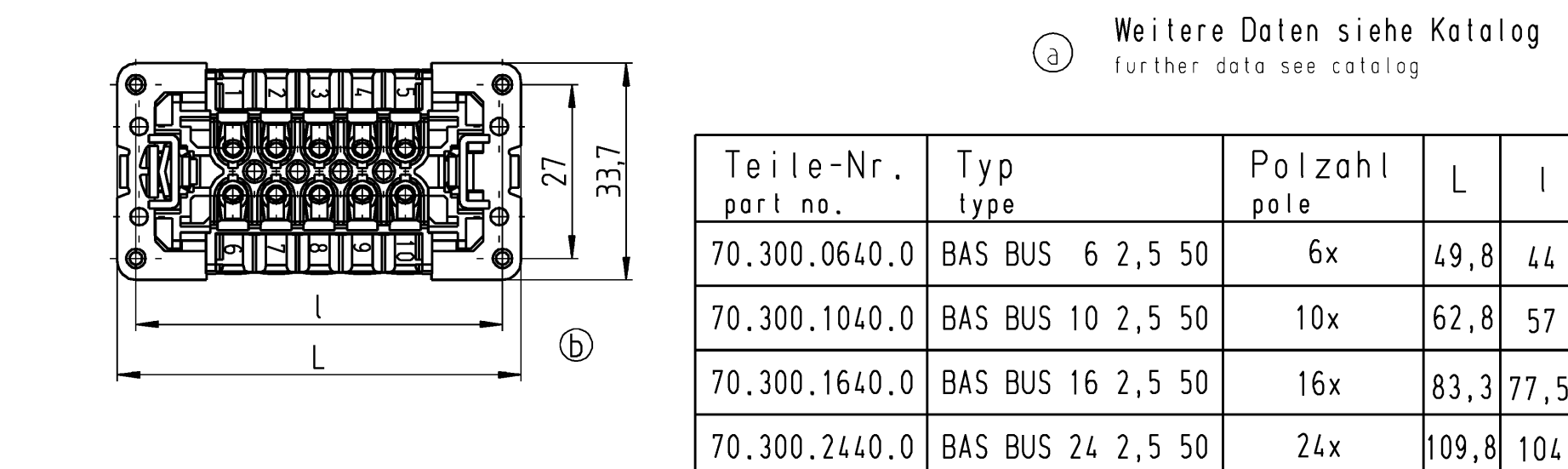
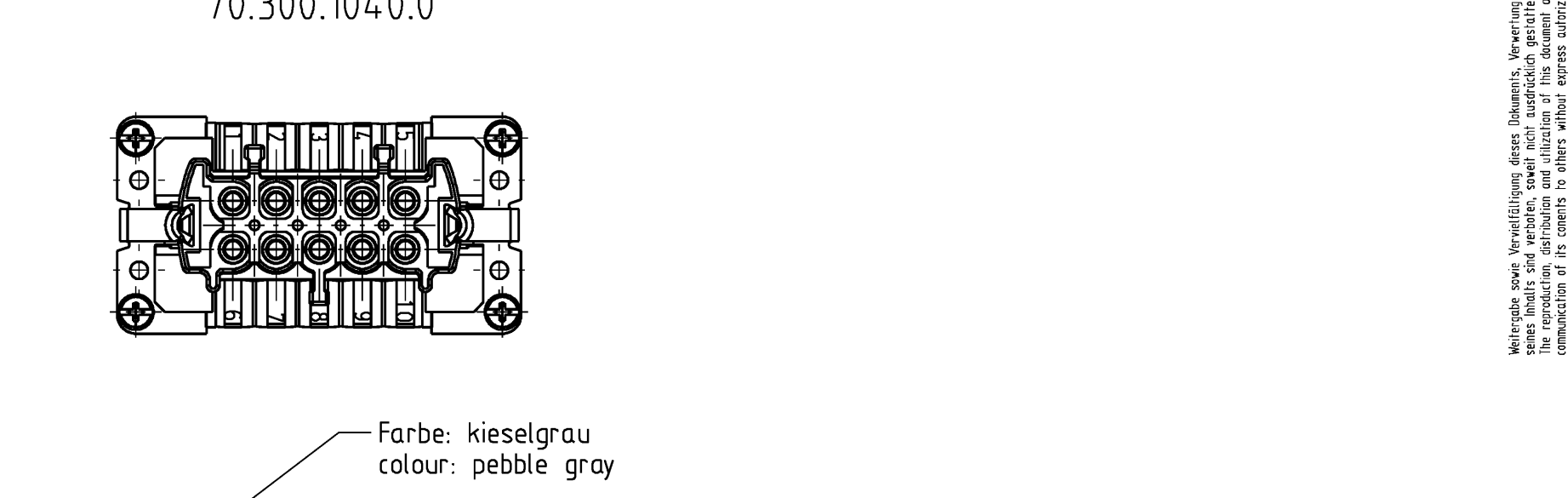
24-polig/24-pole
70.300.2440.0



3 4 5 6

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

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



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 Sheet: 1 of
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c	31.01.2017 /	Vol.	mm ³	Ofl./Srf.	mm ²	Ersatz für / Replacement for:
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b	23.04.2012 /	 wieland www.wieland-electric.com	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	