

## Data sheet

Commercial Art.No.: 70.300.3253.0

Female insert BAS BUS 32 2,5 50

Female insert revos basic, 32-poles, rated current: 16A, rated voltage:500V, with tin-plated contacts



Commercial Art.No.	70.300.3253.0
EAN	4015573320093
Order Unit	1

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	32
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)	32
With wire protection	yes
Min. conductor diameter rigid (solid/stranded)	0.5 mm <sup>2</sup>
Max. conductor diameter rigid (solid/stranded)	2.5 mm <sup>2</sup>
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 <sup>2</sup>
Max. conductor cross section flexible wire	2.5 mm <sup>2</sup>

Conductor cross section flexible AWG wire	22-14 AWG
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**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
ETIM 3.0	EC000438

**Product compliance**

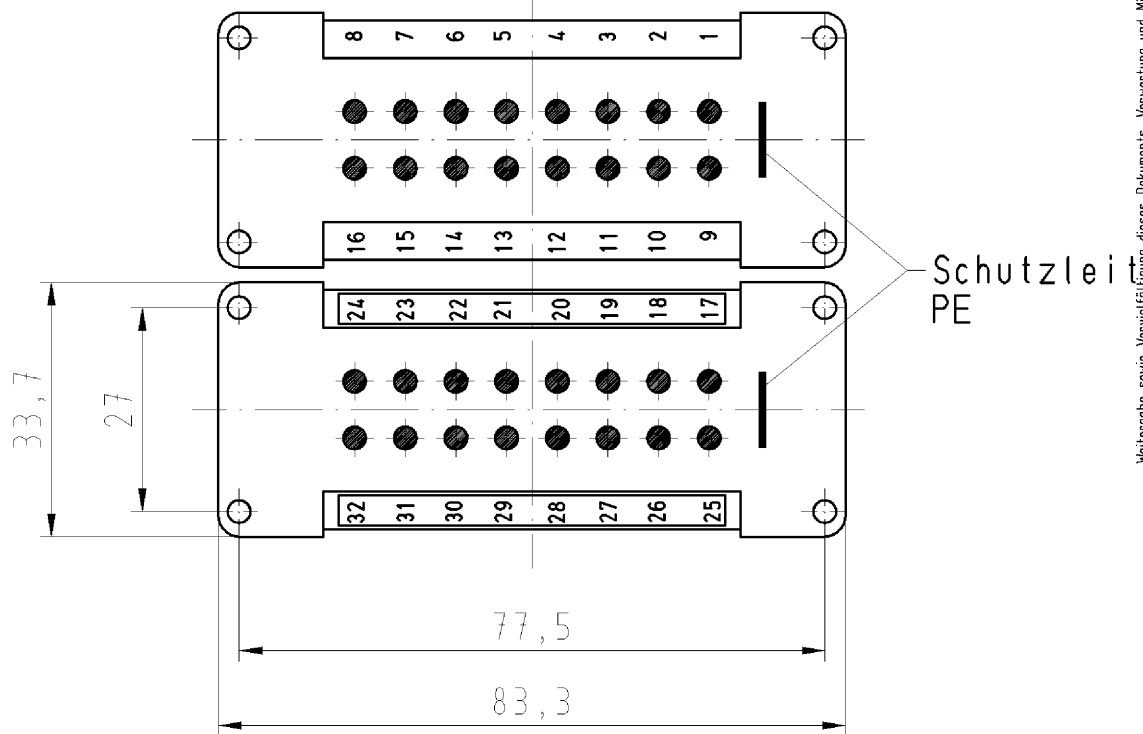
ROHS conformity status	Compliant/Exempted
ROHS exceptions	III-6(c)
REACH-SVHC conformity status	Duty-To-Declare
REACH-SVHC substances	Lead
REACH-SVHC CAS numbers	7439-92-1

**Fits with**

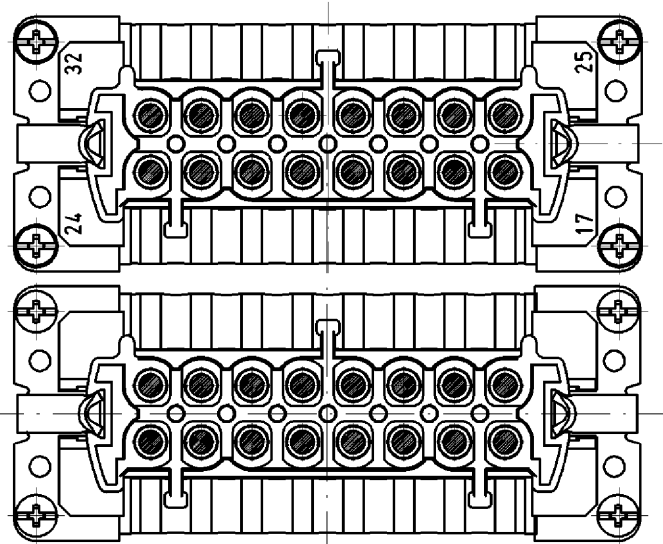
Commercial Art.No.:	Article-type description:	Description:
70.350.3235.0	Hood BAS GOT GA 32 M32 50 A0	Hood revos basic made of aluminum, for double locking lever or. screw cap with cable gland M32 on the right side (IP54), low version, 32-poles
70.350.3235.1	Hood BAS GOT GA 32 M32 50 A1	Hood revos basic made of aluminum, for double locking lever or. screw cap with threaded hole M32 on the right side, low version, 32-poles
70.350.3235.2	Hood BAS GOT GA 32 M32 50 A2	Hood revos basic made of aluminum, for double locking lever or. screw cap with nozzle M32 on the right side, low version, 32-poles

70.350.3235.3	Hood BAS GOT GA 32 M32 A3	Hood revos basic made of aluminum, for double locking lever or. screw cap with trumpet gland M32 on the right side (IP54), low version, 32-poles
70.352.3235.0	Hood BAS GOT GC 32 M32 50 A0	Hood revos basic made of aluminum, for double locking lever or. screw cap with cable gland M32 on the top (IP54), low version, 32-poles
70.352.3235.1	Hood BAS GOT GC 32 M32 50 A1	Hood revos basic made of aluminum, for double locking lever or. screw cap with threaded hole M32 on the top, low version, 32-poles
70.352.3235.2	Hood BAS GOT GC 32 M32 50 A2	Hood revos basic made of aluminum, for double locking lever or. screw cap with nozzle M32 on the top, low version, 32-poles
70.352.3235.3	Hood BAS GOT GC 32 M32 A3	Hood revos basic made of aluminum, for double locking lever or. screw cap with trumpet gland M32 on the top (IP54), low version, 32-poles
70.353.3235.1	Hood BAS GOT GA 32 M40 50 A1	Hood revos basic made of aluminum, for double locking lever or. screw cap with threaded hole M40 on the right side, low version, 32-poles
70.353.3235.2	Hood BAS GOT GA 32 M40 50 A2	Hood revos basic made of aluminum, for double locking lever or. screw cap with nozzle M40 on the right side, low version, 32-poles
70.354.3235.1	Hood BAS GOT GC 32 M40 50 A1	Hood revos basic made of aluminum, for double locking lever or. screw cap with threaded hole M40 on the top, low version, 32-poles
70.354.3235.2	Hood BAS GOT GC 32 M40 50 A2	Hood revos basic made of aluminum, for double locking lever or. screw cap with nozzle M40 on the top, low version, 32-poles
70.320.3228.0	Bottom BAS GUT GA 32 50 A	Bottom-base revos basic made of aluminum, with double locking lever or. screw cap, low version, 32-poles
70.310.3253.0	Male insert BAS STS 32 2,5 50	Male insert revos basic, 32-poles, rated current: 16A, rated voltage: 500V, with tin-plated contacts
70.510.3253.0	Male insert BAS STF 32 2,5 50	Male insert revos basic, 32-poles, rated current: 16A, rated voltage: 500V, with tin-plated contacts
70.710.3253.0	Male insert BAS STC 32 50	Male insert revos basic, 32-poles, rated current: 16A, rated voltage: 500V, with tin-plated contacts

Farbe und Kennzeichnung siehe 70.300.1640.0  
 colour and marking see 70.300.1640.0



Ansicht in Richtung Buchsenkontakte (Steckseite)  
view in direction to the socket contact



32-polig mit Schraubanschluß und Drahtschutz  
 32-pole with screw connection and wire protection

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

Freitoleranz nach		CAD - Zeichnung, keine manuellen Änderungen			1. Verwendung: -		Bl.: 1 von 1		
	/	Maßstab <b>1:1</b>	Werkstoff und Oberfläche:		2003	Tag	Name	Zeichnung Nr. <b>70.300.3253.0 01K</b>	Index
	/		Farbe: kieselgrau colour: pebble grey		Entworfen	09.07.	Bauer F.		
	/		Vol.		mm <sup>2</sup>	Offl.	mm <sup>2</sup>		
	/	Ersatz für: -							
Buchstabe		Datum / Blatt		<b>wieland</b> Elektrische Verbindungen		Typ BAS BUS 32 2,5 50		Benennung <b>BUCHSENE INSATZ</b> SOCKET INSERT 2,5qmm 500V 16A	
Änderung									

703003253001K\_4 CADW20 Bauer 23.07.2003 07:57:48 1.000