

## Datasheet

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 pieces

## 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	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
Max. conductor diameter rigid (solid/stranded)	2.5
Protective contact	Yes

**Technical Data UL/CSA**

Rated voltage according to UL/CSA	600
Rated current according UL	16
Rated current according CSA	16
Min. conductor cross section flexible wire	0.5
Max. conductor cross section flexible wire	2.5
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
Rated voltage face/ground	500
Nominal current	16
Rated impulse voltage	6 kV

Drawings

gezeichnet/drawn: 10-pol.

Farbe: kieselgrau  
colour: pebble grey

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

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

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

Weiterer Daten siehe Katalog  
further data see catalog

Tolerierung nach DIN 7167/Tolerance system acc. to DIN 7167.  
(This DIN-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 UU-TQM-05/03 ist einzuhalten.  
Conformity with Wieland document UU-TQM-05/03 (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: of 1

Werkstoff/Material	2003	Tag/Date	Name	Zeichnung Nr./Drawing No.	Index
	gezeichnet/drawn	09.07.	Bauer F.	T 70.300.0640.0 01K	b
	geprüft/checked	-	-	Maße in mm/Dimensions are in mm	
	Normgepr. /Stand. check	-	-		

Maße in mm/Dimensions are in mm

Ersatz für/Replacement for: -

Vol. mm<sup>2</sup> Off./Surf. mm<sup>2</sup>

Änderung/Revision

23.04.2012/

23.04.2004/

Datum / Blatt  
Date / Sheet

Änderung/Revision

wieland

Elektrische Verbindungen

Type

Benennung/Title

BUCHSENE INSATZ

2,5qmm 500V 16A Schraubanschluß und Drahtschutz  
male insert screw connection and wire protection

1 2 3 QU-PEM-08/91a

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