

## Data sheet

Art.No.: 70.310.0640.0

Male insert BAS STS 6 2,5 50

revos BASIC 500V 6 pole + ground, male insert 500V/16A with wire protection, Sn screw connection



Art.No.	70.310.0640.0
EAN	4015573219854
Order Unit	10

Certificates / Approvals



## Technical data

### General

Model	Pin 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	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 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

**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**

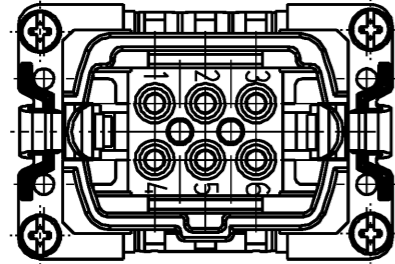
Nominal voltage	500 V
Rated voltage face/ground	500 V
Nominal current	16 A
Rated impulse voltage	6 kV

**Classification**

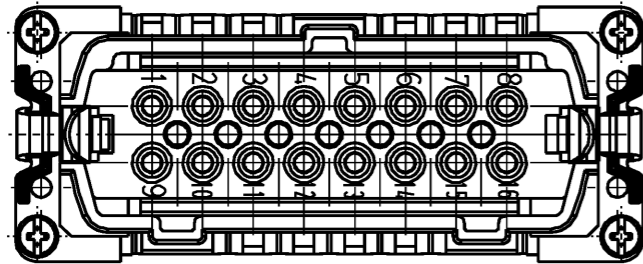
ECLASS 8.1	27440205
ETIM 7.0	EC000438
ETIM 6.0	EC000438
ETIM 5.0	EC000438
ETIM 4.0	EC000438
ETIM 3.0	EC000438

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

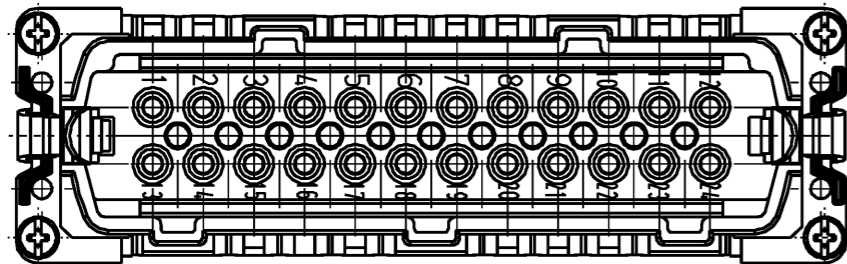
6-polig/6-pole  
70.310.0640.0



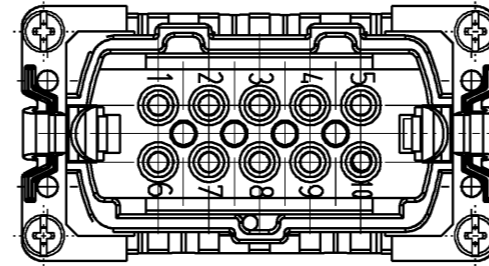
16-polig/16-pole  
70.310.1640.0



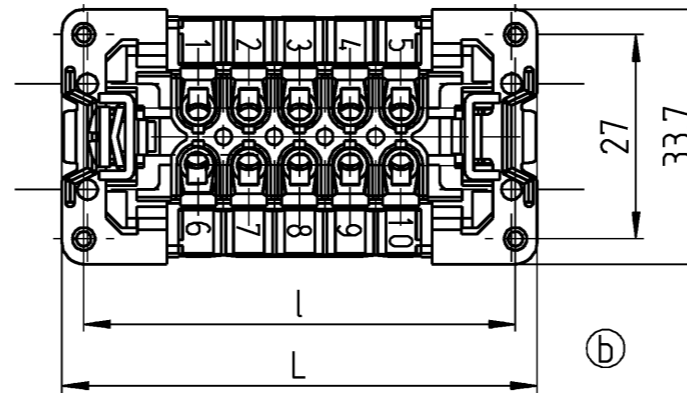
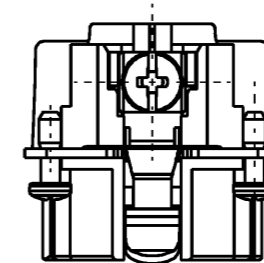
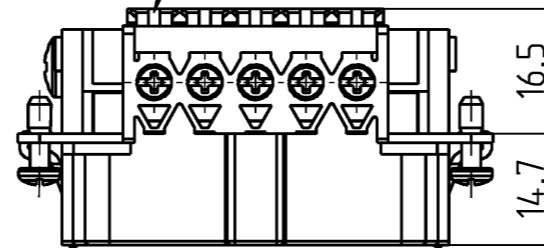
24-polig/24-pole  
70.310.2440.0



10-polig/10-pole  
70.310.1040.0



Farbe: kieselgrau  
colour: pebble gray



Ⓐ Weitere Daten siehe Katalog  
further data see catalog

Teile-Nr. part no.	Typ type	Polzahl pole	L	l
70.310.0640.0	BAS STS 6 2,5 50	6	49,8	44
70.310.1040.0	BAS STS 10 2,5 50	10	62,8	57
70.310.1640.0	BAS STS 16 2,5 50	16	83,3	77,5
70.310.2440.0	BAS STS 24 2,5 50	24	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  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		Tag/Date	Name	Zeichnung Nr. / Drawing No.		Index		
		Maßstab / Scale		gezeichnet drawn	09.07.2003	Bauer	T 70.310.0640.001K	c		
		1:1		geprüft checked					Maße in mm / Dimensions are in mm	
				Normgepr. Stand. check						
c	31.01.2017 /	Vol.	mm <sup>3</sup> Dfl./Srf.	mm <sup>2</sup>	Ersatz für / Replacement for:					
b	23.04.2012 /			Type	Benennung/Title					
a	23.04.2004 /			<b>wieland</b> www.wieland-electric.com						
Index	Datum / Blatt Date / Sheet								<b>STECKEREINSATZ</b> 2,5 qmm 500V 16A Schraubanschluss und Drahtschutz male insert screw connection with wire protection	
Änderung / Revision										

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