

Data sheet

Commercial 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

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DIGITALIZATION IN PROGRESS

Commercial 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
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 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

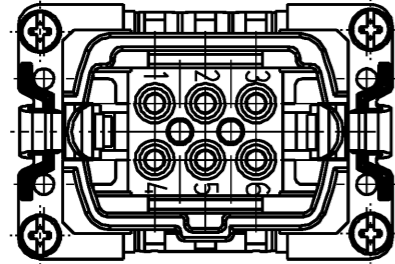
Nominal voltage	500 V
Rated voltage face/ground	500 V
Nominal current	16 A
Rated impulse voltage	6 kV

Classification

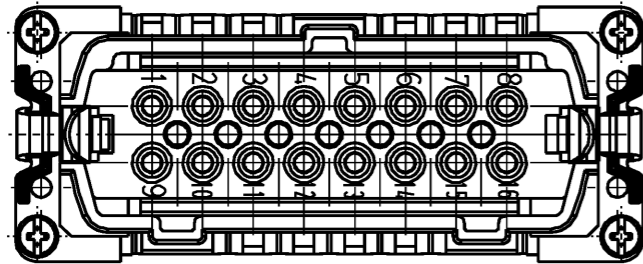
ECLASS 8.1	27440205
ETIM 7.0	EC000438
ETIM 6.0	EC000438
ETIM 5.0	EC000438
ETIM 4.0	EC000438
ETIM 3.0	EC000438

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

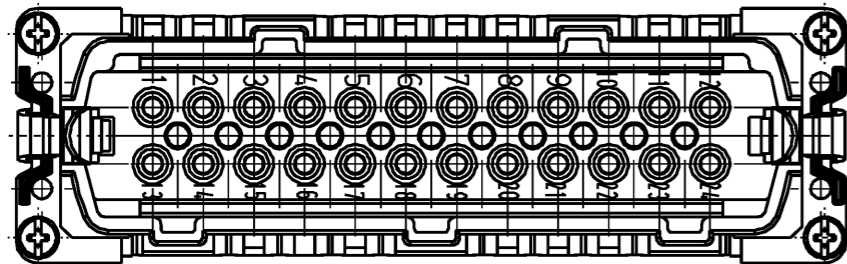
6-polig/6-pole
70.310.0640.0



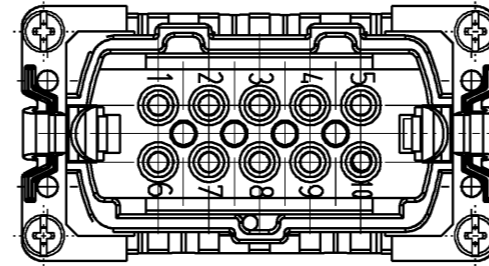
16-polig/16-pole
70.310.1640.0



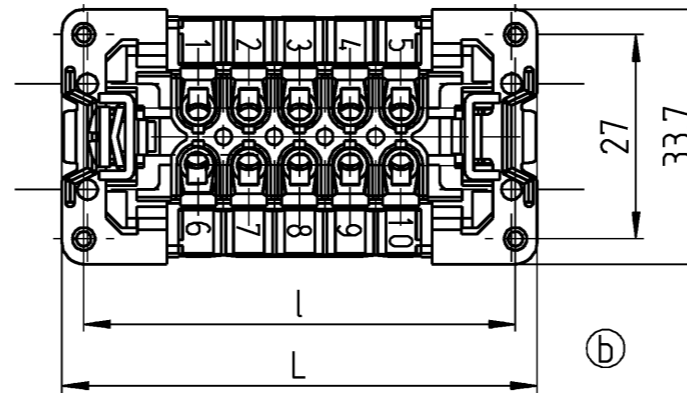
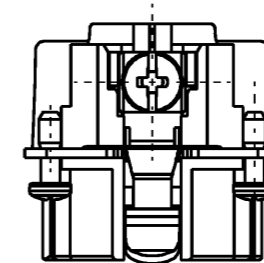
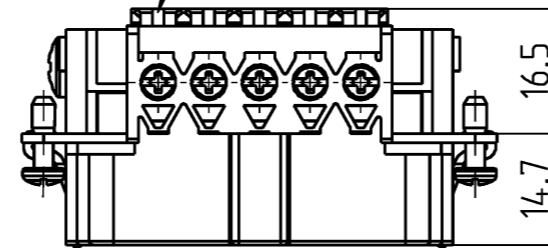
24-polig/24-pole
70.310.2440.0



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 <input checked="" type="checkbox"/> 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:
Werkstoff / Material		Tag/Date	Name
Maßstab / Scale		gezeichnet drawn	09.07.2003 Bauer
1:1		geprüft checked	
		Normgepr. Stand. check	
c 31.01.2017 / Vol. mm ³ Dfl./Srf. mm ²		Ersatz für / Replacement for:	
b 23.04.2012 /		Type	
a 23.04.2004 /		Benennung/Title	
Index Datum / Blatt Date / Sheet		T 70.310.0640.001K c	
Änderung / Revision		Maße in mm / Dimensions are in mm	
www.wieland-electric.com		STECKEREINSATZ	
		2,5 qmm 500V 16A Schraubanschluss und Drahtschutz male insert screw connection with wire protection	

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