

## Data sheet

Commercial Art.No.: 70.310.4840.0

male insert BAS STS 48 2,5 50

Male insert revos basic, screw type, 48-poles, rated current: 16A, rated voltage: 500V, with tin-plated contacts



Commercial Art.No.	70.310.4840.0
EAN	4015573219939
Order Unit	1

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
suitable for modular version	no
operating temperature range min.	-40 °C
operating temperature range max.	120 °C

### connection data

connection type	screw connection
number of poles	48
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)	48
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

nominal voltage according to UL/CSA	600 V
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nominal current according UL	16 A
nominal 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
nominal voltage face/ground	500 V
nominal current	16 A
rated impulse voltage	6 kV

**classification**

ECLASS 11	
ECLASS 8.1	27440205
ETIM 9.0	EC000438
ETIM 8.0	EC000438
ETIM 7.0	EC000438
ETIM 6.0	EC000438
ETIM 5.0	EC000438
ETIM 4.0	EC000438
ETIM 3.0	EC000438

**product compliance**

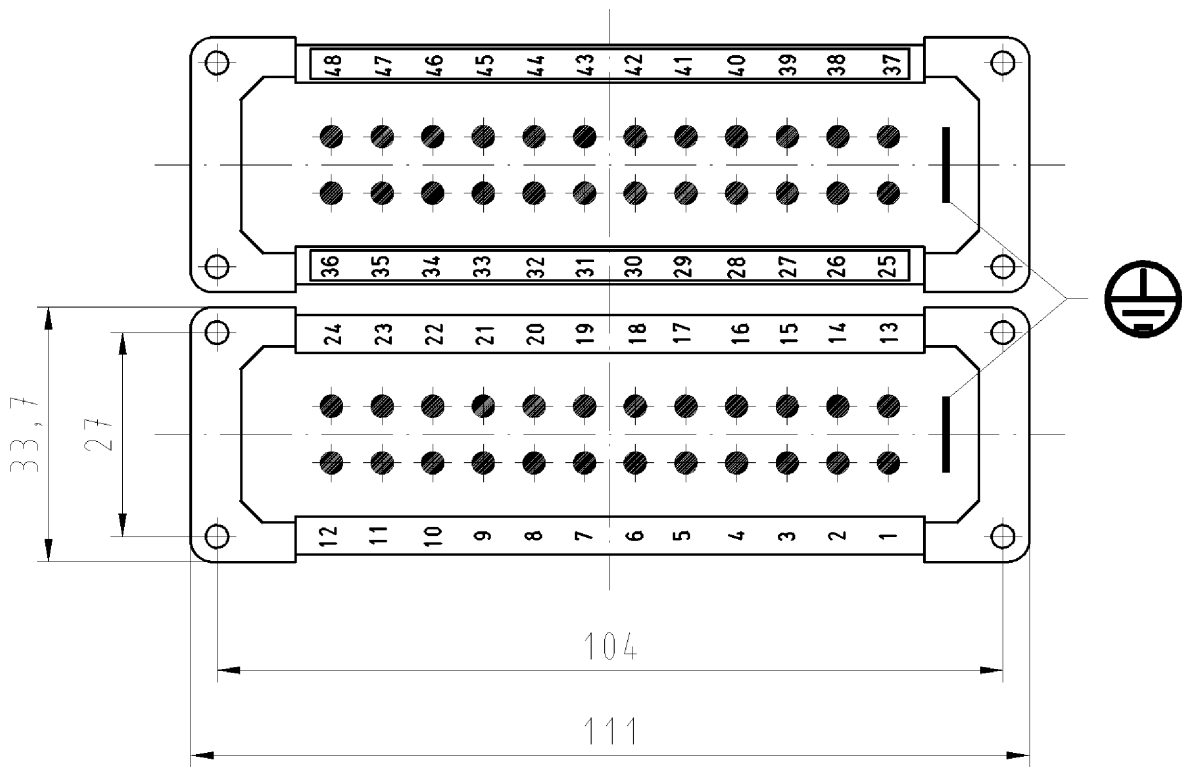
ROHS conformity status	compliant/exempted
ROHS exceptions	III-6(c)
REACH-SVHC conformity status	Duty-To-Declare
REACH-SVHC substances	Lead
REACH-SVHC CAS numbers	7439-92-1




Diese Maße werden bei Abnahme besonders geprüft

Ausschließlich Prüfmaße

Mit /E gekennzeichnete Maße sind nur für interne Zwecke gültig



Weitere Daten siehe Katalog  
further data see catalog

Freitoleranz nach DIN		CAD - Zeichnung, keine manuellen Änderungen			1. Verwendung: -		Bl.: 1 von 1		
	/	Maßstab <b>1:1</b>	Werkstoff und Oberfläche:		2005	Tag	Name	Zeichnung Nr. <b>70.310.4840.0 01K</b>	Index
	/				Entworfen	14.06.	Schmitt J.		
	/				Geprüft	-	-		
	/	 <b>wieland</b> Elektrische Verbindungen	Normgepr.		-	-	Ersatz für: -		
Buchstabe	Datum / Blatt		Benennung		<b>STECKEREINSATZ</b> Schraubanschluß / screw connection plug insert 500V 16A				
Änderung									

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703104940001K\_4 CADW028 Schmitt 2005-06-15T08:39:14 1.000

A 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 M1 M2 M3 L G i 11.1 12.1 1.1