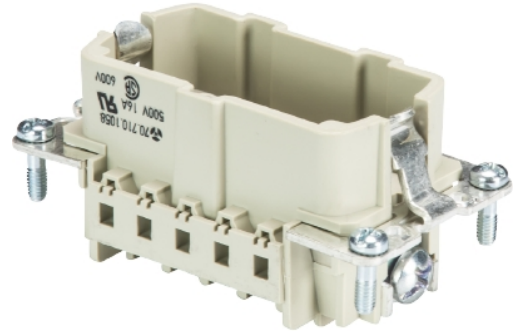


Data sheet

Commercial Art.No.: 70.710.1058.0

male insert BAS STC 10 50

Male insert revos basic, 10-poles, rated current: 16A, rated voltage: 500V, with tin-plated contacts



Commercial Art.No.	70.710.1058.0
EAN	4015573223752
Order Unit	100

certificates / approvals



Technical data

general

model	pin insert
flammability 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	crimp
number of poles	10
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)	10
with wire protection	no
protective contact	yes

technical data UL/CSA

nominal voltage according to UL/CSA	600 V
nominal current according UL	16 A

nominal current according CSA	16 A
min. conductor cross section flexible wire	0.5 mm ²
max. conductor cross section flexible wire	4 mm ²
conductor cross section flexible AWG wire	20-12 AWG

model

with housing	no
--------------	----

contacts

contact material	see contacts
surface	see contacts
contact resistance	≤ 1.5 mOhm
wire strip length	7 mm

screws head design/recomm. Torque

mounting 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

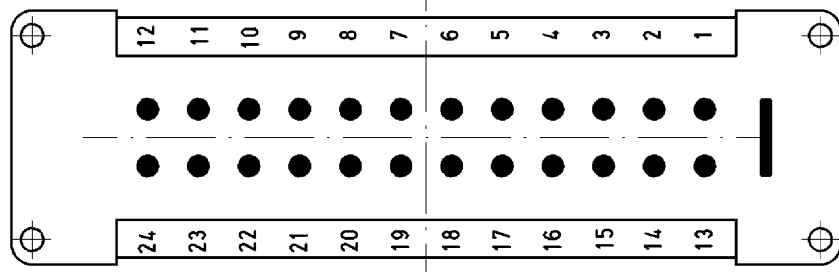
ROHS conformity status	compliant
REACH-SVHC conformity status	compliant

Accessories

Commercial Art.No.:	Article-type description:	Description:
05.543.7001.0	male contact 0,5 QMM AU	Male contact, turned Ø 2,5 mm, 0,5 mm ² , AWG 20, Au
05.543.7002.0	male contact 0,5 QMM AG	
05.543.7021.0	male contact 0,5 QMM	Male contact, turned Ø 2,5 mm, 0,5 mm ² , AWG 20, Sn
05.543.7101.0	male contact 0,75-1 QMM AU	Male contact, turned Ø 2,5 mm, 0,75-1 mm ² , AWG 18, Au
05.543.7102.0	male contact 0,75-1 QMM AG	Male contact, turned Ø 2,5 mm, 0,5 mm ² , AWG 20, Ag
05.543.7121.0	male contact 0,75-1 QMM	Male contact, turned Ø 2,5 mm, 0,75-1 mm ² , AWG 18, Sn

05.543.7201.0	male contact 1,5 QMM AU	Male contact, turned Ø 2,5 mm, 1,5 mm ² , AWG 16, Au
05.543.7202.0	male contact 1,5 mm ² Ag	
05.543.7221.0	male contact 1,5 QMM	Male contact, turned Ø 2,5 mm, 1,5 mm ² , AWG 16, Sn
05.543.7301.0	male contact 2,5 QMM AU	Male contact, turned Ø 2,5 mm, 2,5 mm ² , AWG 14, Au
05.543.7302.0	male contact 2,5 QMM AG	
05.543.7321.0	male contact 2,5 QMM	Male contact, turned Ø 2,5 mm, 2,5 mm ² , AWG 14, Sn
05.543.7401.0	male contact 4 QMM AU	Male contact, turned Ø 2,5 mm, 4 mm ² , AWG 12, Au
05.543.7402.0	male contact 4 QMM AG	
05.543.7421.0	male contact 4 QMM	Male contact, turned Ø 2,5 mm, 4 mm ² , AWG 12, Sn

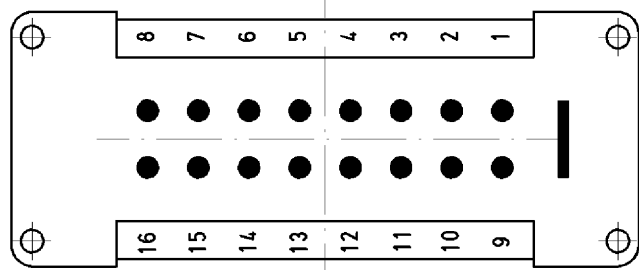
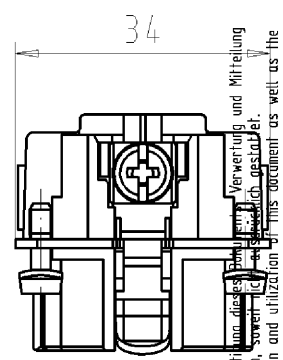
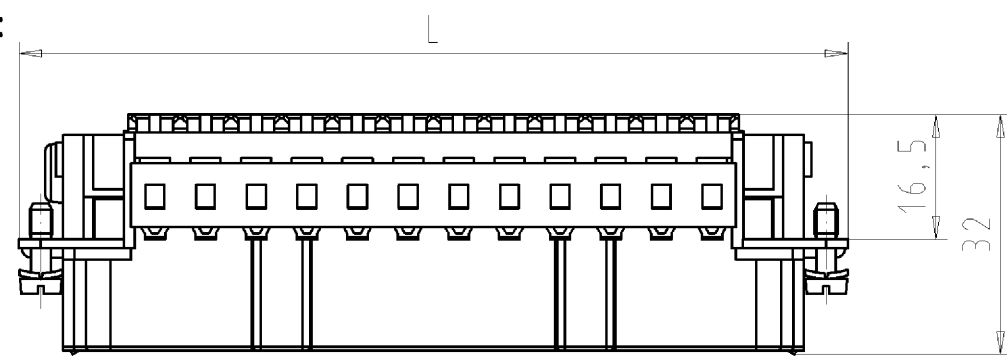
Polbelegung / pole assignment
Steckerseite / plug side
Steckereinsatz / plug insert



24 polig /
24 pole

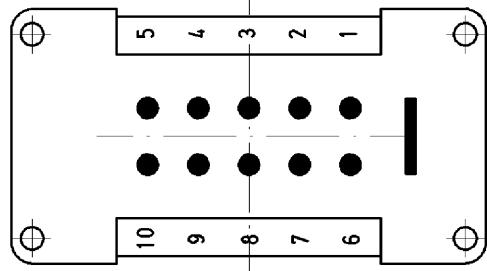
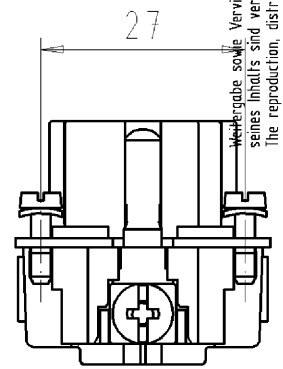
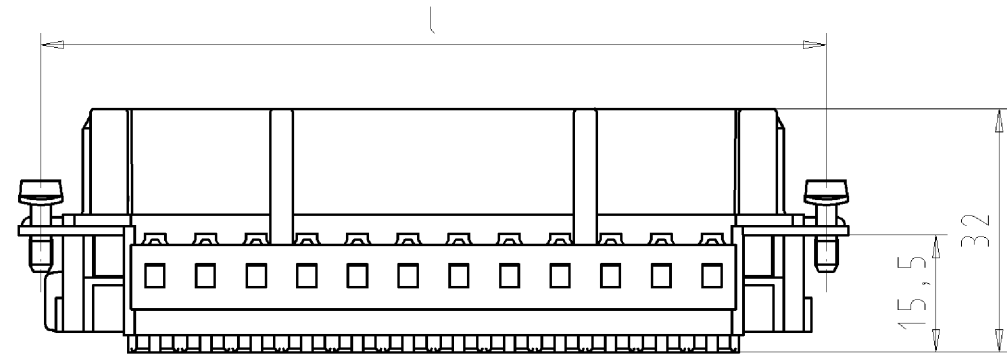
Gezeichnete Ausführung:
drawn version:

Steckereinsatz /
plug insert
70.710.2458.0



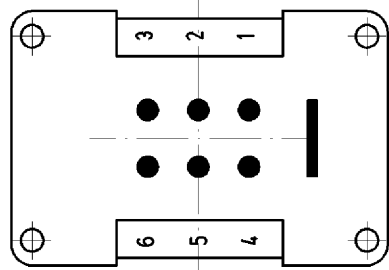
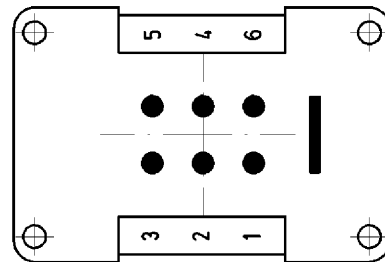
16 polig /
16 pole

Buchseneinsatz /
socket insert
70.700.2458.0



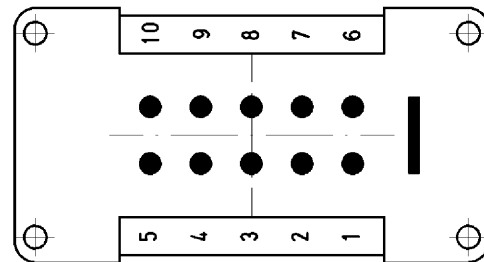
10 polig /
10 pole

6 polig /
6 pole

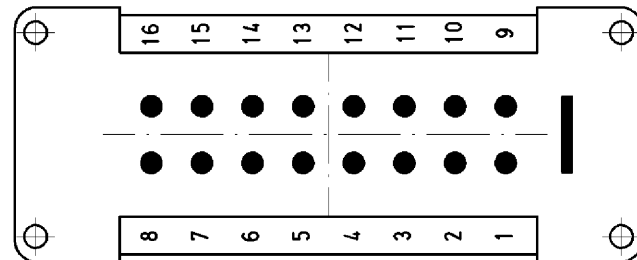


6 polig /
6 pole

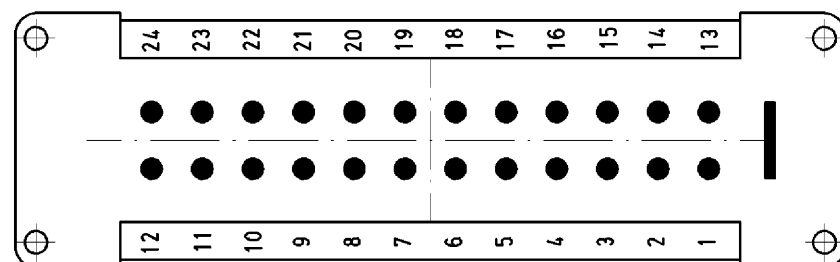
10 polig /
10 pole



16 polig /
16 pole



24 polig /
24 pole



Polbelegung / pole assignment
Buchsenseite / socket side
Buchseneinsatz / socket insert

Weitere Daten siehe Katalog
further data see catalog

	Teile - Nr.	L	l
Buchseneinsatz socket insert	70.700.0658.0	49,8	44
	70.700.1058.0	62,8	57
	70.700.1658.0	83,3	77,5
	70.700.2458.0	109,8	104
Steckereinsatz plug insert	70.710.0658.0	49,8	44
	70.710.1058.0	62,8	57
	70.710.1658.0	83,3	77,5
	70.710.2458.0	109,8	104

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 <input checked="" type="checkbox"/> 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		2005	Tag/Date	Name	
				gezeichnet drawn	21.02.	Schmitt J.	
		Maßstab/Scale		geprüft checked	-		
				Nichtgepr. Stand. check	-		
c 04.10.2006/		Vol. mm ³ Öl./Surf. mm ²		Ersatz für/Replacement for: -			
b 15.09.2006/				Type		Benennung/Title	
a 06.09.2006/				KONTAKTEINSATZ		Buchseneinsatz / Steckereinsatz socket insert / plug insert	
Index Datum / Blatt Date / Sheet		Änderung/Revision				T 70.700.2458.0 01K c	
		Elektrische Verbindungen		Maße in mm/Dimensions are in mm			

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