

Data sheet

Commercial Art.No.: 72.310.2453.0

Male insert BAS STS 24 2,5 69

Male insert revos basic, 24-poles, rated current: 16A, rated voltage: 690V, with tin-plated contacts



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	22
Plus switching contacts	2
Number of pole for rated current 2	0
Number of pole for rated current 3	0
Total number of poles (without ground contact)	24
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	5 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	22-12 AWG

Model

With housing	No
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Contacts

Contact material	Copper alloy
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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	690 V
Rated voltage face/ground	690 V
Nominal current	16 A
Rated impulse voltage	8 kV

Classification

ECLASS 11	
ECLASS 8.1	27440205
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

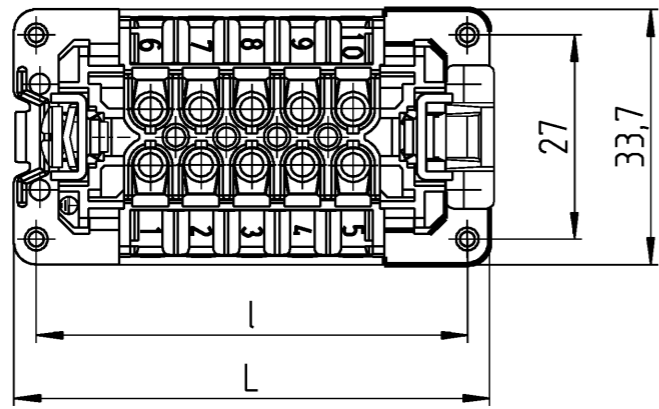
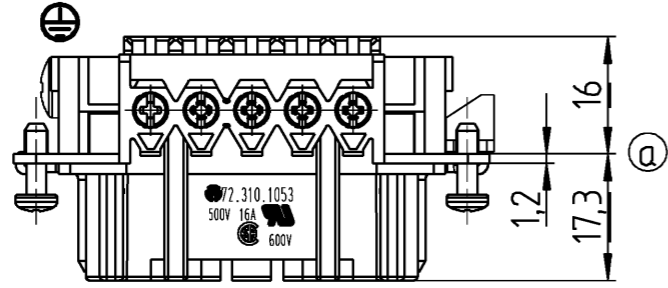
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B These dimensions will be especially checked at delivery
 Only inspection dimensions
 With /E marked dimensions are only valid for internal use

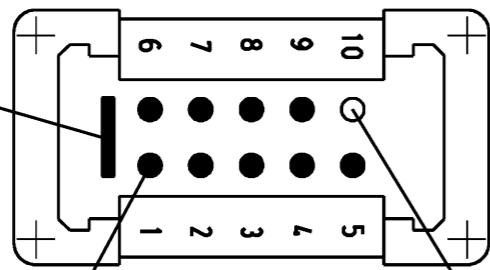
D Diese Maße werden bei Abnahme besonders geprüft
 Ausschließlich Prüfmaße
 Mit /E gekennzeichnete Maße sind nur für interne Zwecke gültig

F

gezeichnete Ausführung: 10-polig
 drawn version: 10-pole insert

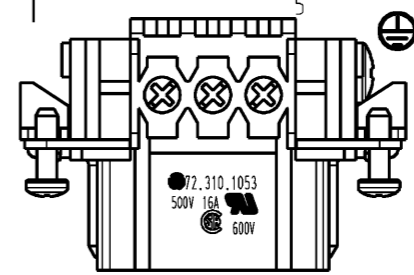


Schutzleiter
 earth conductor

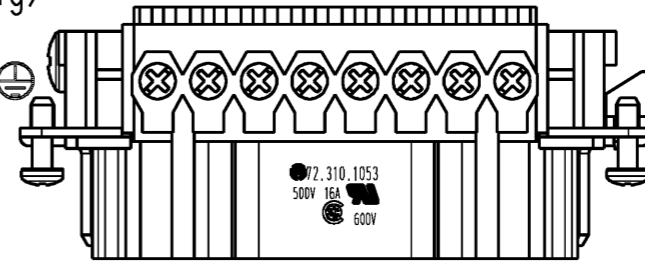


2x Z5.553.3521.0
 Schaltkontakte/switch contact
 6-polig bei Pol 1 u. 6
 10-polig bei Pol 1 u. 10
 16-polig bei Pol 1 u. 16
 24-polig bei Pol 1 u. 24

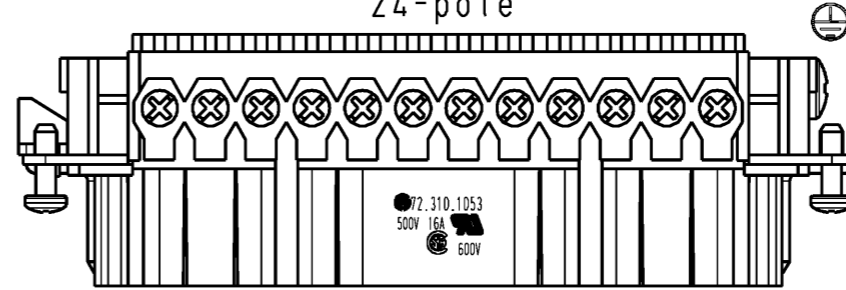
4 Ausführung/
 version:
 6-polig
 6-pole



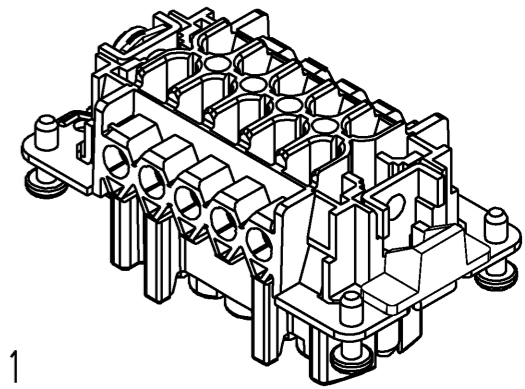
Ausführung/
 version:
 16-polig
 16-pole



Ausführung/
 version:
 24-polig
 24-pole



Weitere Daten siehe Katalog
 further data see catalog



1:1

Teile-Nr. part no.	Maß dimension	
	L	I
72.310.0653.0	49,8	44
72.310.1053.0	62,8	57
72.310.1653.0	83,3	77,5
72.310.2453.0	109,8	104

Tolerierung Size ISO 14405 $\text{\textcircled{E}}$ / Tolerance system Size ISO 14405 $\text{\textcircled{E}}$.
 (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	03.05.2012	Schmitt J.	T 72.310.0653.0 01K	a		
		1:1		geprüft checked					Maße in mm / Dimensions are in mm	
		Vol. mm ³ / fl./Srf. mm ²		Normgepr. Stand. check	Ersatz für / Replacement for:					
a 23.08.2017 / Index Datum / Blatt Date / Sheet		www.wieland-electric.com		Type		Benennung/Title				
Änderung / Revision						Steckereinsatz 6,10,16 u. 24 pol. STS 2,5 690V 16A male insert 6, 10, 16, 24 pole version				

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