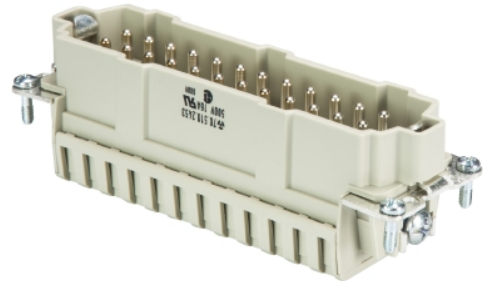


## Data sheet

Commercial Art.No.: 70.510.2453.3

Male insert BAS STF SB 24 2,5 50

Male insert revos basic, 24-poles, rated current: 16A, rated voltage: 500V, with tin-plated contacts



Commercial Art.No.	70.510.2453.3
EAN	4015573374911
Order Unit	10

Certificates / Approvals



## Technical data

### General

Inflammability class of insulation material acc. with UL94	V2
Color	Grey
Pollution degree	3
Modular version	No
Operating temperature range min.	-40 °C
Operating temperature range max.	120 °C

### Connection Data

Connection type	Spring
Number of poles	24
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)	24
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	0.14 mm <sup>2</sup>
Max. conductor cross section flexible wire	2.5 mm <sup>2</sup>
Conductor cross section flexible AWG wire	26-12 AWG

With housing	No
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#### Contacts

Contact material	Copper alloy
Contact resistance	≤ 3 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

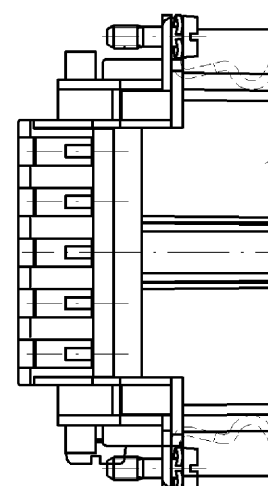
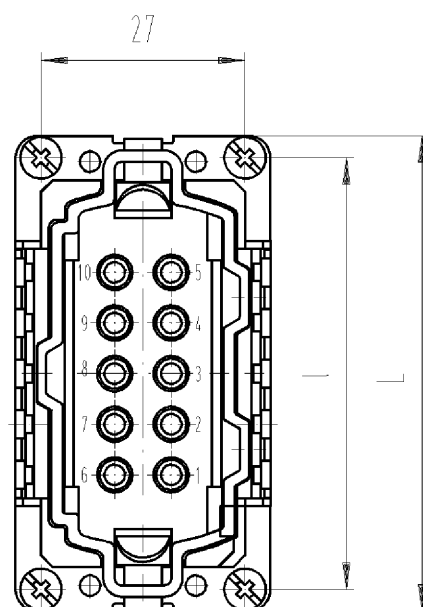
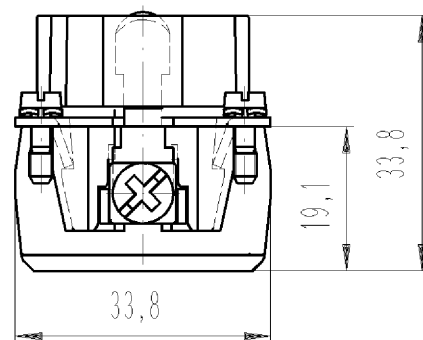
Nominal voltage	500 V
Rated voltage face/ground	500 V
Nominal current	16 A
Rated impulse voltage	6 kV

#### Classification

ECLASS 11	
ECLASS 8.1	27440205
ETIM 7.0	EC000438
ETIM 6.0	EC000438

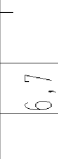
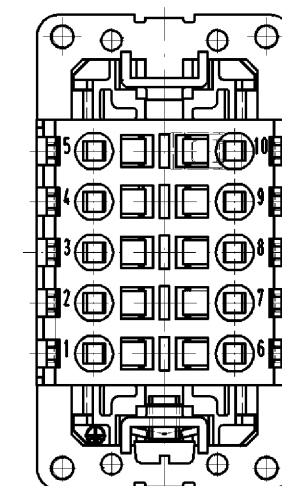
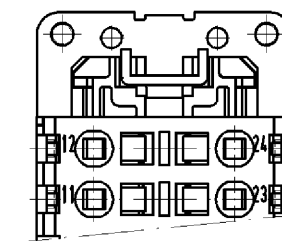
#### Product compliance

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



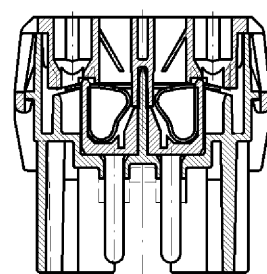
Aufdruck für 10-polig  
print for 10-pole

Aufdruck für 6, 16 und 24-polig  
print for 6, 16 and 24-pole



mit Federkraftanschluß  
with spring connection


dargestellt: 10-polig  
pictured: 10-pole



a Weitere Daten siehe Katalog  
further data see catalog

Montageanleitung in jeder Verpackung  
assembly instruction in every package

Teile - Nr. part no.	Typ type	L	I	Aufdruck, schwarz black printed
70.510.0653.0	BAS STF 6 2,5 50	49.8	44	70.510.0653
70.510.1053.0	BAS STF 10 2,5 50	62.8	57	70.510.1053
70.510.1653.0	BAS STF 16 2,5 50	83.3	77.5	70.510.1653
70.510.1653.3	BAS STF SB 16 2,5 50	83.3	77.5	70.510.1653.3
70.510.2453.0	BAS STF 24 2,5 50	109.8	104	70.510.2453
70.510.2453.3	BAS STF SB 24 2,5 50	109.8	104	70.510.2453.3

Freitoleranz nach			CAD - Zeichnung, keine manuellen Änderungen			1. Verwendung: -		Bl.: 1 von 1	
	/	Maßstab  1:1	Werkstoff und Oberfläche:  Farbe: kieselgrau colour: pebble grey	2003	Tag	Name	Zeichnung Nr.  70.510.0653.0 01K	a	Index
	/			Entworfen	09.07.	Bauer F.			
	/			Geprüft	-	-			
	/	Vol.	mm³	Offl.	mm²	Normgepr.	-	-	Ersatz für: -
	/		wieland			Benennung			
a	23.04.2004/					STECKEREINSATZ			
Buchstabe	Datum / Blatt					PLUG INSERT			
Änderung						2,5qmm 500V 16A			