Data sheet

Commercial Art.No.: 70.500.0653.0

female insert BAS BUF 6 2,5 50

Female insert revos basic, spring type, 6-poles, rated current: 16A, rated voltage: 500V, with silver-plated contacts



Commercial Art.No.	70.500.0653.0
EAN	4015573324152
Order Unit	10

certificates / approvals

Technical data

general

model	female insert
inflammability class of insulation material acc. with UL94	V2
color	grey
mating cycles	500
pollution degree	3
suitable for modular version	no
operating temperature range min.	-40 °C
operating temperature range max.	120 °C

connection data

connection type	spring clamp 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 mm²
max. conductor diameter rigid (solid/stranded)	2.5 mm²
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	0.14 mm²
max. conductor cross section flexible wire	2.5 mm²
conductor cross section flexible AWG wire	26-12 AWG

model

with housing	no

contacts

contact material	copper alloy
surface	silver-plated
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

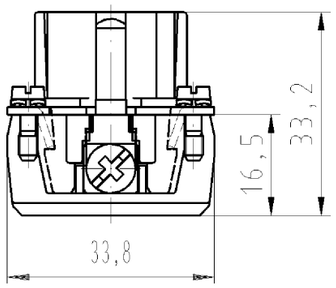
nominal voltage	500 V
nominal voltage face/ground	500 V
nominal current	16 A
rated impulse voltage	6 kV

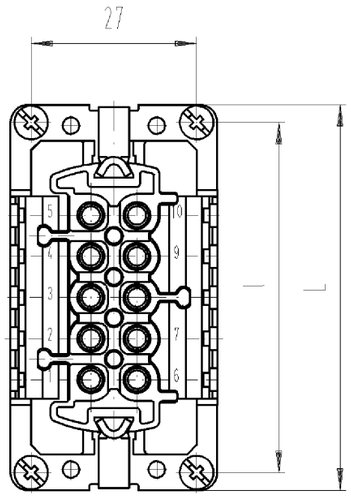
classification

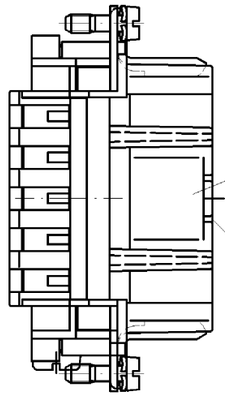
ECLASS 11	
ECLASS 8.1	27440205
ETIM 9.0	EC000438
ETIM 8.0	EC000438
ETIM 7.0	EC000438
ETIM 6.0	EC000438
ETIM 5.0	EC000438
ETIM 4.0	EC000438

product compliance

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

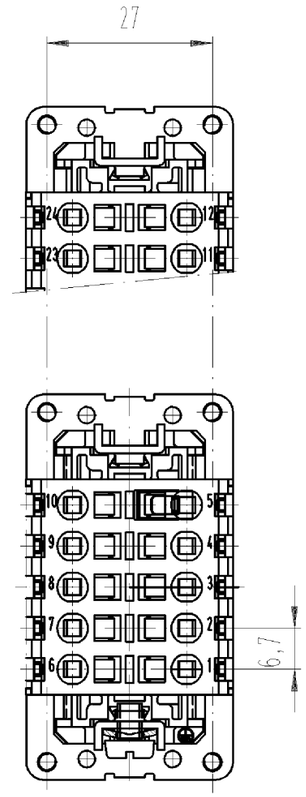






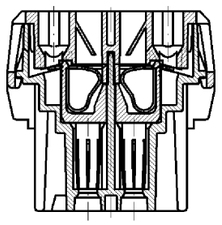
Aufdruck für 10 und 16-polig
print for 10 and 16-pole

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



mit Federkraftanschluß
with spring connection

dargestellt: 10-polig
pictured: 10-pole



ⓐ Weitere Daten siehe Katalog
further data see catalog

Teile - Nr. part no.	Typ type	L	l	Aufdruck, schwarz black printed
70.500.0653.0	BAS BUF 6 2,5 50	49.8	44	70.500.0653
70.500.1053.0	BAS BUF 10 2,5 50	62.8	57	70.500.1053
70.500.1653.0	BAS BUF 16 2,5 50	83.3	77.5	70.500.1653
70.500.1653.3	BAS BUF SB 16 2,5 50	83.3	77.5	70.500.1653.3
70.500.2453.0	BAS BUF 24 2,5 50	109.8	104	70.500.2453
70.500.2453.3	BAS BUF SB 24 2,5 50	109.8	104	70.500.2453.3

Montageanleitung in jeder Verpackung
assembly instruction in every package

Freitoleranz nach | CAD - Zeichnung, keine manuellen Änderungen | 1.Verwendung: - | Bl.: 1 von 1

Maßstab 1:1 | Werkstoff und Oberfläche: | Farbe: kieselgrau | colour: pebble grey | Vol. mm³ | Oft. mm³

	Name	Tag
Entworfen	Bauer F.	09.07.
Geprüft	-	-
Normgepr.	-	-

Zeichnung Nr. 70.500.0653.0 01K | Index a

Ersatz für: -

Buchstabe	Datum / Blatt
a	23.04.2004/

Änderung

wieland
Elektrische Verbindungen

Benennung
BUCHSENEINSATZ
SOCKET INSERT
2,5qmm 500V 16A

Diese Maße werden bei Abnahme besonders geprüft
Ausschließlich Prüfmaße
M1 / Æ gekennzeichnete Maße sind nur für interne Zwecke gültig

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