

## Data sheet

Commercial Art.No.: 70.300.0640.0

female insert BAS BUS 6 2,5 50

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



certificates / approvals



## Technical data

### general

model	female 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	screw 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 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
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	18-12 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

**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