

## Datasheet

Item No. 70.500.4853.0

Female insert BAS BUF 48 2,5 50

 revos BASIC 500V 48 pole + ground, female insert 500V/16A, Ag  
 spring clamp connection


Item No.	70.500.4853.0
EAN	4015573374898
order unit	5 Piece(s)

## Approvals



## Technical data

**General**

Model	Female insert
Inflammability class of insulation material acc. with UL94	V2
Colour	Grey
Mating cycles	500
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	48
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)	48
With wire protection	Yes
Conductor cross section rigid (solid, stranded)	2.5
Protective contact	Yes

**Technical Data UL/CSA**

Rated voltage according to UL/CSA	600
Rated current according UL	16
Rated current according CSA	16

Min. conductor cross section flexible wire	0.14
Max. conductor cross section flexible wire	2.5
Conductor cross section flexible AWG wire	26-12 AWG

**Model**

With housing	No
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**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
Rated voltage face/ground	500
Nominal current	16
Rated impulse voltage	6