

Datasheet

Item No. 70.310.1640.0

Male insert BAS STS 16 2,5 50

revos BASIC 500V 16 pole + ground, male insert 500V/16A with wire protection, Sn screw connection



Item No.	70.310.1640.0
EAN	4015573219892
order unit	10 Piece(s)

Approvals



Technical data

General

Model	Pin insert
Inflammability class of insulation material acc. with UL94	V0
Colour	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	16
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)	16
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	0.5
Max. conductor cross section flexible wire	2.5
Conductor cross section flexible AWG wire	22-14 AWG

Model

With housing	No
--------------	----

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
Rated voltage face/ground	500
Nominal current	16
Rated impulse voltage	6

Drawings

dargestellt: 10-polig
pictured: 10-pole

Farbe: kieselgrau
colour: pebble grey

Aufdruck für 16-polig
print for 16-pole

Aufdruck für 6, 10 und 24-polig
print for 6, 10 and 24-pole

mit Schraubanschluß und Drahtschutz
with screw connection and wire protection

Teile-Nr. part no.	Typ type	Polzahl pole	L	I
70.310.0640.0	BAS STS 6 2,5 50	6	49,8	44
70.310.1040.0	BAS STS 10 2,5 50	10	62,8	57
70.310.1640.0	BAS STS 16 2,5 50	16	83,3	77,5
70.310.2440.0	BAS STS 24 2,5 50	24	109,8	104

A

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20

M1

M2

M3

L

G

i

1.1

12.1

1.1

Freitoleranz nach -

CAD - Zeichnung, keine manuellen Änderungen

1. Verwendung: -

Bl.: 1 von 1

Maßstab: 1:1

Werkstoff und Oberfläche:

2003 Tag Name

Entworfen 09.07. Bauer F.

Geprüft -

Normgepr. -

Ersatz für: -

Benennung

STECKEREINSATZ

PLUG INSERT

2,5qmm 500V 16A

70310064001K_4 CAD100 Schnitt 2004-04-231091522 1.000