

Datasheet

Art.No. 70.300.3253.0

Female insert BAS BUS 32 2,5 50

revos BASIC 500V 32 pole + ground, female insert 500V/16A with wire protection, Sn screw connection



Art.No.	70.300.3253.0
EAN	4015573320093
Order unit	1 pieces

Approvals



Technical data

General

Model	Female 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	32
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)	32
With wire protection	Yes
Min. conductor diameter rigid (solid/stranded)	0.5 mm ²
Max. conductor diameter rigid (solid/stranded)	2.5 mm ²
Protective contact	Yes

Technical Data UL/CSA

Rated voltage according to UL/CSA	600 V
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Rated current according UL	16 A
Rated current according CSA	16 A
Min. conductor cross section flexible wire	0.5 mm ²
Max. conductor cross section flexible wire	2.5 mm ²
Conductor cross section flexible AWG wire	22-14 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
Rated voltage face/ground	500 V
Nominal current	16 A
Rated impulse voltage	6 kV

Classification

ECLASS 8.1	27440205
ETIM 6.0	EC000438
ETIM 5.0	EC000438
ETIM 4.0	EC000438
ETIM 3.0	EC000438

Drawings

Farbe und Kennzeichnung siehe 70.300.1640.0
 colour and marking see 70.300.1640.0

33,7
27
83,3
77,5

Schutzleiter
PE

Ansicht in Richtung Buchsenkontakte (Steckseite)
 view in direction to the socket contact

32-polig mit Schraubanschluß und Drahtschutz
 32-pole with screw connection and wire protection

Freilageranz nach		CRO - Zeichnung, keine wesentliche Änderungen			1. Voraussetzung: -		Bl.: 1 von 1	
/	Maßstab	Werkstoff und Oberfläche:		2093	Tag	Name		Zeichnung Nr.
/	1:1	Farbe: kieselgrau colour: pebble gray		Entworfen	05.07.	Boyer F.		70.300.3253.0 01K
/	Vol.	ml	lit.	ml	Nettogew.	-		Ersatz für: -
Änderung		wieland		Typ		Besetzung		
		Elektronische Verbindungen		BAS BUS		BUCHSENE INSATZ		
				32 2,5 50		SOCKET INSERT		
						2,5mm 500V 16A		

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