

## Datasheet

Art.No. 73.800.7253.0

Female insert DD BUC 72 1,5 25

revos DD 72 pole + ground, female insert 250V/10A, crimp connection



Art.No.	73.800.7253.0
EAN	4015573861374
Order unit	5 pieces

## Approvals



## Technical data

### General

Model	Female insert
Inflammability class of insulation material acc. with UL94	V0
Mating cycles	500
Pollution degree	3
Modular version	No
Alternative size	16H
Operating temperature range min.	-40 °C
Operating temperature range max.	120 °C

### Connection Data

Connection type	Crimp
Number of poles	72
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)	72
With wire protection	No
Protective contact	Yes

### Technical Data UL/CSA

Rated voltage according to UL/CSA	600 V
Rated current according UL	8.5 A
Rated current according CSA	20 A

Min. conductor cross section flexible wire	0.14 mm <sup>2</sup>
Max. conductor cross section flexible wire	2.5 mm <sup>2</sup>
Conductor cross section flexible AWG wire	26-14 AWG

**Model**

With housing	No
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**Contacts**

Contact material	See contacts
Surface	See contacts
Contact resistance	≤ 5 mOhm
Wire strip length	8 mm

**Screws head design/recomm. Torque**

Mounting screws	Z1/0.5 Nm
Ground conductor screws	Z2/1.2 Nm

**Technical Data DIN EN 61984**

Nominal voltage	250 V
Rated voltage face/ground	250 V
Nominal current	10 A
Rated impulse voltage	4 kV

**Classification**

ECLASS 8.1	27440205: Contact insert for industrial connectors
ETIM 5.0	EC000438: Contact insert for industrial connectors
ETIM 4.0	EC000438: Contact insert for industrial connectors
ETIM 3.0	EC000438: Contact insert for heavy duty connectors

**Accessories / components**

Art.No.:	Type:	Description
02.125.2421.0	Female contact LWL	
02.125.4129.8	Female contact D 1,6- 0,14-0,37 QMM	Female contact, turned Ø 1,6 mm, 0,14-0,37 mm <sup>2</sup> , AWG 26-22, Ag
02.125.4229.8	Female contact D 1,6- 0,5 QMM	Female contact, turned Ø 1,6 mm, 0,5 mm <sup>2</sup> , AWG 20, Ag
02.125.4329.8	Female contact D 1,6- 0,75-1,0 QMM	Female contact, turned Ø 1,6 mm, 0,75-1 mm <sup>2</sup> , AWG 18, Au
02.125.4429.8	Female contact D 1,6- 1,5 QMM	Female contact, turned Ø 1,6 mm, 1,5 mm <sup>2</sup> , AWG 16, Ag
02.125.4529.8	Female contact D 1,6- 2,5 QMM	Female contact, turned Ø 1,6 mm, 2,5 mm <sup>2</sup> , AWG 14, Ag
Z7.280.4227.0	Triangle jumper MIN BR DR 12 BU	
Z7.280.4327.0	Star jumper MIN BR ST 12 BU	

Drawings

**Ansicht anschlussseitig**  
View from cable side

**Technische Daten**  
Technical data

Berechnungsspannung rated voltage	250V	VDE	600V	600V
Berechnungsstrom rated current	10A		8,5A	10A
Berechnungsabspannung rated peak voltage				2,5 kV
Verschleißungsgrad degree of pollution				2
Isoliermaterial insulating material				Polycarbonat polycarbonate
Brandkategorie flammability rating				UL 94-V0
Temperaturbereich temperature range				-0° - +125°C

**Weitere Daten siehe Katalog**  
further data see catalog

Teile - Nr. part no.	Type	L	I	Polz. pole
73.800.2453.0	DD-BUC 24 1,5 25	56,3	4,4	24
73.800.4253.0	DD-BUC 42 1,5 25	63,5	5,7	42
73.800.7253.0	DD-BUC 72 1,5 25	84	7,5	72
73.800.0653.0	DD-BUC 108 1,5 25	110,5	10,4	108

**Zubehör - Buchsenkontakt (versilbert)**  
**Accessories - female contact (silver plated)**

Bestell-Nr. / rel. no.	mm <sup>2</sup>	AWG
02.125.4129.0	0,14 - 0,31	18-22 AWG
02.125.4229.0	0,5	20 AWG
02.125.4329.0	0,75 - 1,0	18 AWG
02.125.4429.0	1,5	16 AWG
02.125.4529.0	2,5	14 AWG

**BUCHSENE-INSATZ**  
CONTACT INSERT Female