

Datasheet

Art.No. 73.800.4253.0

Female insert DD BUC 42 1,5 25

revos DD 42 pole + ground, female insert 250V/10A, crimp connection



Art.No.	73.800.4253.0
EAN	4015573861367
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	10H
Operating temperature range min.	-40 °C
Operating temperature range max.	120 °C

Connection Data

Connection type	Crimp
Number of poles	42
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)	42
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 ²
Max. conductor cross section flexible wire	2.5 mm ²
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 ² , 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 ² , 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 ² , 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 ² , 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 ² , 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

Teil-Nr.	Nr.	Type	L	I	Polz.
part no.					pole
73.800.2453.0	DD-BUC-24	1,5-25	56,3	4,4	2,5
73.800.4253.0	DD-BUC-42	1,5-25	63,5	5,7	4,2
73.800.7253.0	DD-BUC-72	1,5-25	84	7,5	7,2
73.800.0653.0	DD-BUC-108	1,5-25	110,5	10,4	10,8

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

Bestell-Nr. / rel. no.	mm ²	AWG
02.125.4129.8	0,14 - 0,31	18-22 AWG
02.125.4229.8	0,5	20 AWG
02.125.4329.8	0,75 - 1,0	18 AWG
02.125.4429.8	1,5	16 AWG
02.125.4529.8	2,5	14 AWG

BUCHSENE-INSATZ
CONTACT INSERT Female