

## Datasheet

Art.No. 73.810.7253.0

Male insert DD STC 72 1,5 25

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



Art.No.	73.810.7253.0
EAN	4015573861619
Order unit	5 pieces

## Approvals



## Technical data

### General

Model	Pin 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
05.544.4129.8	Male contact D 1,6- 0,14-0,37 QMM	Male contact, turned Ø 1,6 mm, 0,14-0,37 mm <sup>2</sup> , AWG 26-22, Ag
05.544.4229.8	Male contact D 1,6- 0,5 QMM	Male contact, turned Ø 1,6 mm, 0,5 mm <sup>2</sup> , AWG 20, Ag
05.544.4329.8	Male contact D 1,6- 0,75-1,0 QMM	Male contact, turned Ø 1,6 mm, 0,75-1 mm <sup>2</sup> , AWG 18, Ag
05.544.4429.8	Male contact D 1,6- 1,5 QMM	Male contact, turned Ø 1,6 mm, 1,5 mm <sup>2</sup> , AWG 16, Ag
05.544.4529.8	Male contact D 1,6- 2,5 QMM	Male contact, turned Ø 1,6 mm, 2,5 mm <sup>2</sup> , AWG 14, Ag
05.544.8121.0	Male contact LWL	

Drawings

**Ansicht anschlussseitig**  
View from cable side

**Technische Daten**  
Technical data

Berechnungsspannung rated voltage	VDE 250V	600V	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	
Brennbarkeitklasse flammability rating			UL2A-V0	
Temperaturbereich temperature range			-0° - +125°C	

**Zubehör - Steckerkontakte (versilbert)**  
Accessories - plug contact (silver plated)

Bestell-Nr. / rel. no.	mm <sup>3</sup>	AWG
05-544-4229-8	0,14 - 0,37	18-22 AWG
05-544-4229-8	0,5	20 AWG
05-544-4329-8	0,75 - 1,0	18 AWG
05-544-4429-8	1,5	16 AWG
05-544-4529-8	2,5	14 AWG

**Teile - Nr.**  
**part no.**

part no.	Type	L±0,5	±0,5 Polz.	pole
73.810.2453.0	DD-STC 2x 1,5 25	50,3	4,4	2x
73.810.4253.0	DD-STC 4x 1,5 25	63,5	5,7	4x
73.810.7253.0	DD-STC 7x 1,5 25	84	7,5	7x
73.810.0653.0	DD-STC 10x 1,5 25	110,5	10,4	10x

**STECKERINSATZ**  
plug contact insert