

Datasheet

Art.No. 73.810.0853.0

Male insert DD STC 108 1,5 25

revos DD 108 pole + ground, male insert 250V/10A, crimp connection



Art.No.	73.810.0853.0
EAN	4015573861626
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	24H
Operating temperature range min.	-40 °C
Operating temperature range max.	120 °C

Connection Data

Connection type	Crimp
Number of poles	108
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)	108
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
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 ² , 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 ² , 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 ² , 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 ² , 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 ² , 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	10A
Berechnungsabspannung rated peak voltage	2,5 kV			
Verschleißungsgrad degree of pollution	2			
Isoliermaterial insulating material	Polycarbonat polycarbonate			
Brennwertklasse flammability rating	UL2A-W0			
Temperaturbereich temperature range	-0° - +125°C			

Teil-Nr. part no.	Type	L=0,5	±0,5	Polz. pole
73.810.2453.0	DD-STC 2x 1,5 25	50,3	6,4	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

Wieland Steckereinsatz
male connector insert

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

Bestell-Nr. / rel. no.	mm ³	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

Wieland
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