

Datasheet

Art.No. 73.810.2453.0

Male insert DD STC 24 1,5 25

revos DD 24 pole + ground, male insert 250V/10A, crimp connection



Art.No.	73.810.2453.0
EAN	4015573861398
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	6H
Operating temperature range min.	-40 °C
Operating temperature range max.	120 °C

Connection Data

Connection type	Crimp
Number of poles	24
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)	24
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

M3x10

M4x6

Technische Daten
Technical data

VDE		UL		IEC	
Bereitstellungsspannung rated voltage	250V	600V	600V	600V	600V
Bereitstellungsstrom rated current	10A	8,5A	10A	10A	10A
Bereitstellungsabspannung rated peak voltage	2,5 kV				
Verschleißungsgrad degree of pollution	2				
Isoliermaterial insulating material	Polycarbonat polycarbonate				
Brennbarkeit flammability rating	UL2A-V0				
Temperaturbereich temperature range	-0° - +125°C				

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

Bestell-Nr. / rel. no.	mm ³	AWG
05-544-4229-8	0,16 - 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.

Typ	L±0,5	Polz.
00-STC 25 1.5 25	56,5	4,4
00-STC 42 1.5 25	63,5	5,7
00-STC 72 1.5 25	84	7,5
00-STC 108 1.5 25	110,5	10,4

Wieland
Steckereinsatz
male connector insert