
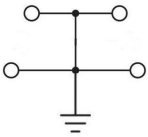


ETDD4N - Product Details

General Information

Company	Elmex Group
Product Category	Terminal Blocks
Product Group	Ground Terminal Blocks
Connection Method	Screw Connection

Product Data

Product Name	ETDD4N
Product Image	
Line Diagram	
Short Description	Multi level Ground terminal block - Screw Connection
Full Description	Terminal Type - ETDD4N , Multi level Ground terminal block for photo voltaic applications , connection method: Screw connection, number of connections: 4, cross section: 0.5 mm ² - 4 mm ² , width: 6 mm , length: 62.5 mm , height : 65.5 mm , mounting type: NS 35/7.5 , NS 35/15
Approvals	CE
Standard Colour	Green-Yellow
Colour Variants	

Key Commercial Data

Standard Weight	1.9 Kg
Weight per Piece (excluding packing)	21.4 g
Packing Unit	50 pc
Minimum Order Quantity	50 pc
GTIN Number	85389000
Country Of Origin	INDIA

Technical Data - General

Number of levels	2
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Number of connections	4
Nominal cross section	4 mm ²
Insulating Material	Polyamide 6 , 6
Clamping Material	CRCA
Flammability rating acc. to UL 94	V2
Area of application	
Degree of pollution	3
Overvoltage category	III
Open side panel	Yes
Result of the test for mechanical stability of terminal points	Test passed
Result of bending test	Test passed
Bending test rotation speed	9
Bending test turns	135
Bending test conductor cross section/weight	0.5 mm ² / 0.3 kg , 4 mm ² / 0.9 kg
Tensile test result	Test passed
Conductor cross section tensile test	0.5 mm ²
Tractive force setpoint	20 N
Conductor cross section tensile test	4 mm ²
Tractive force setpoint	60 N
Result of tight fit on support	Test passed
Tight fit on carrier	NS 35
Setpoint	5
Result of voltage-drop test	Test passed
Requirements, voltage drop	<=3.2 , <=6.4 mV
Result of temperature-rise test	Test passed
Short circuit stability result	Test passed
Conductor cross section short circuit testing	0.48 mm ²

Dimensions

Width	10 mm	0.39 inch
End cover width	2.5 mm	0.10 inch
Length	62.5 mm	2.46 inch
Height	65.5 mm	2.58 inch
Height NS 35/7,5	66.21 mm	2.61 inch
Height NS 35/15	73.21 mm	2.88 inch

Connection Data

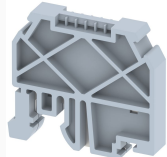
Screw thread	M3
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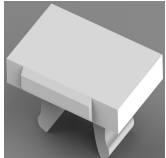
Stripping length	9 mm
Tightening torque, min	0.5 Nm
Tightening torque, max	0.55 Nm
Connection in acc. with standard	IEC 60947-7-2
Conductor cross section solid min	0.5 mm ²
Conductor cross section solid max	4 mm ²
Conductor cross section flexible min	0.5 mm ²
Conductor cross section flexible max	4 mm ²
Conductor cross section flexible, with ferrule without plastic sleeve min	0.5 mm ²
Conductor cross section flexible, with ferrule without plastic sleeve max	4 mm ²
Conductor cross section flexible, with ferrule with plastic sleeve min	0.5 mm ²
Conductor cross section flexible, with ferrule with plastic sleeve max	4 mm ²

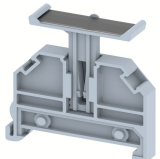

Product Accessories

End Cover					
KPDDN	Height Width Length	62.50 mm 1.50 mm 56.00 mm	2.46 inch 0.06 inch 2.20 inch		


End Clamp					
DCKN	Height Width Length	33.00 mm 6.00 mm 43.50 mm	1.30 inch 0.24 inch 1.71 inch		
DCKN10	Height Width Length	33.00 mm 10.00 mm 43.50 mm	1.30 inch 0.39 inch 1.71 inch		
SCKN	Height Width Length	35.50 mm 8.00 mm 50.60 mm	1.40 inch 0.31 inch 1.99 inch		
SCUDD	Height Width Length	50.00 mm 10.00 mm 55.50 mm	1.97 inch 0.39 inch 2.19 inch		
SCUN	Height Width Length	35.50 mm 9.50 mm 50.60 mm	1.40 inch 0.37 inch 1.99 inch		


End Clamp				
SCUSL	Height Width Length	41.00 mm 8.00 mm 47.50 mm	1.61 inch 0.31 inch 1.87 inch	

Marker For Terminal Blocks				
LABEL KN5.5	Width	6.00 mm	0.24 inch	

Marker carriers				
DCKNMLH	Height Width Length	45.50 mm 6.00 mm 43.50 mm	1.79 inch 0.24 inch 1.71 inch	
SCKNMLH	Height Width Length	45.50 mm 8.00 mm 48.00 mm	1.79 inch 0.31 inch 1.89 inch	
SCUNMLH	Height Width Length	53.50 mm 8.00 mm 50.60 mm	2.11 inch 0.31 inch 1.99 inch	

DIN Rail Perforated				
CHKDS	Height Width Thickness	15.00 mm 35.00 mm 1.50 mm	0.59 inch 1.38 inch 0.06 inch	
CHKS	Height Width Thickness	7.50 mm 35.00 mm 1.00 mm	0.30 inch 1.38 inch 0.04 inch	
CHS	Height Width Thickness	15.00 mm 32.00 mm 1.50 mm	0.59 inch 1.26 inch 0.06 inch	

DIN Rail, Unperforated				
CHK	Height Width Thickness	7.50 mm 35.00 mm 1.00 mm	0.30 inch 1.38 inch 0.04 inch	

DIN Rail, Unperforated					
CHKD	Height	15.00 mm	0.59 inch		
	Width	35.00 mm	1.38 inch		
	Thickness	1.00 mm	0.04 inch		