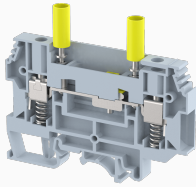




KULTD6 - Product Details

General Information

Company	Elmex Group
Product Category	Terminal Blocks
Product Group	Test Disconnect Terminal Blocks
Connection Method	Screw Connection with spring support

Product Data

Product Name	KULTD6
Product Image	
Line Diagram	
Short Description	Test Disconnect Terminal Block - Screw connection with spring support
Full Description	Terminal Type - KULDT6 , Test Disconnect Terminal Block , nominal voltage: 1000 V , nominal current: 41 A , connection method: Screw connection with spring support , number of connections: 2 , cross section: 0.5 mm ² - 10 mm ² , AWG: 24-8 , width: 8 mm , height: 85.5 mm , length : 56 mm , mounting type: TS35/7.5 , TS35/15 and TS32
Approvals	
Standard Colour	Gray
Colour Variants	Black , Blue , Green , Khakhi , Red , Yellow ,
Your Advantages	The terminal block provides a function shaft on both sides of the disconnect point and can be fitted with plug-in bridges and test adapters. Compact 1000 V test disconnect terminal block with screw disconnect slide.

Key Commercial Data

Standard Weight	2.05 Kg
Weight per Piece (excluding packing)	38.1 g
Packing Unit	50 pc
Minimum Order Quantity	50 pc
GTIN Number	85389000
Country Of Origin	INDIA

Technical Data - General

Number of levels	1
Number of connections	2
Potentials	1
Nominal cross section	6 mm ²
Insulating Material	Polyamide 6 , 6
Clamping Material	CRCA
Flammability rating acc. to UL 94	V2 (V0 - on customer demand)
Area of application	
Rated surge voltage	8 kV
Degree of pollution	3
Overvoltage category	III
Maximum power dissipation for nominal condition	2.62 W
Nominal Current I _N	41 A
Nominal Voltage U _N	1000 V
Open side panel	Yes
Result Of Surge Voltage Test	Test passed
Surge Voltage Test Setpoint	9.8 kV
Result of power-frequency withstand voltage test	Test passed
Power frequency withstand voltage setpoint	2.2 kV
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 , 6 mm ² / 1.4 kg ,10 mm ² / 2 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	6 mm ²
Tractive force setpoint	80 N
Conductor cross section tensile test	10 mm ²
Tractive force setpoint	90 N
Result of tight fit on support	Test passed
Tight fit on carrier	TS35/7.5 , TS35/15 and TS32
Setpoint	5
Result of voltage-drop test	Test passed
Requirements, voltage drop	<=6.2 mV

Result of temperature-rise test	Test passed
Short circuit stability result	Test passed
Conductor cross section short circuit testing	6 mm ²
Short-time current	0.72 kA
Relative insulation material temperature index	130 °C
Temperature index of insulation material	130 °C
Static insulating material application in cold	-40 °C
Flame test method	Vertical
Oxygen index	28 %
Surface flammability	Passed
Specific optical density of smoke	Passed
Smoke gas toxicity	Passed

Dimensions

Width	8 mm	0.31 inch
End cover width	1 mm	0.04 inch
Length	85.5 mm	3.37 inch
Height	56 mm	2.2 inch
Height NS 35/7,5	57 mm	2.24 inch
Height NS 35/15	64.4 mm	2.54 inch
Height NS 32/15	61.3 mm	2.41 inch

Connection Data


Screw thread	M3.5
Stripping length	12 mm
Tightening torque, min	1 Nm
Tightening torque, max	1.1 Nm
Connection in acc. with standard	IEC 60947-7-1
Conductor cross section solid min	0.5 mm ²
Conductor cross section solid max	10 mm ²
Conductor cross section AWG min, Solid	24
Conductor cross section AWG max, Solid	8
Conductor cross section flexible min	0.5 mm ²
Conductor cross section flexible max	6 mm ²
Min. AWG conductor cross section, flexible	24

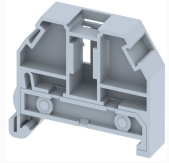
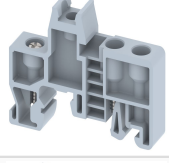
Max. AWG conductor cross section, flexible	8
Conductor cross section flexible, with ferrule without plastic sleeve min	0.5 mm ²
Conductor cross section flexible, with ferrule without plastic sleeve max	6 mm ²
Conductor cross section flexible, with ferrule with plastic sleeve min	0.5 mm ²
Conductor cross section flexible, with ferrule with plastic sleeve max	6 mm ²
Internal cylindrical Gauge	A5


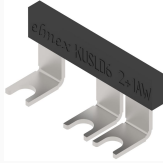
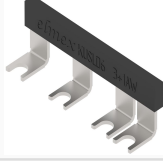
Approval Details

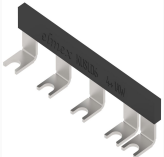
UL Standard	UL 1059
B - UL Nominal Voltage U _N	600 V
B - UL Nominal Current I _N	35 A
B - UL Wire Min	24 AWG
B - UL Wire Max	8 AWG
CSA Standard	CSA C22.2 No. 158
B - CSA Nominal Voltage U _N	600 V
B - CSA Nominal Current I _N	35 A
B - CSA Wire Min	24 AWG
B - CSA Wire Max	8 AWG
ATEX Standard	EN 60079-7
ATEX Nominal Voltage U _N	550 V
ATEX Nominal Current I _N	32 A
ATEX Cross Section Solid Min.	0.5 mm ²
ATEX Cross Section Solid Max.	10 mm ²
ATEX Cross Sec. Flexible Min.	0.5 mm ²
ATEX Cross Sec. Flexible Max.	6 mm ²

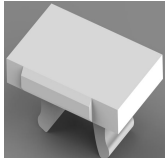
Product Accessories

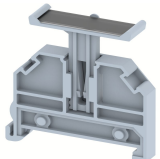
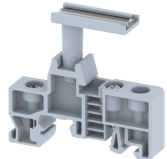
End Cover				
KPSLD	Height	46.40 mm	1.83 inch	
	Width	1.00 mm	0.04 inch	
	Length	85.10 mm	3.35 inch	

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


Insertion Bridge				
KUSLD6(2)AW				
KUSLD6(2+1)AW				
KUSLD6(3)AW				
KUSLD6(3+1)AW				
KUSLD6(4)AW				


Insertion Bridge				
KUSLD6(4+1)AW				

Marker For Terminal Blocks				
LABEL KN8	Width	8.00 mm	0.31 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	

End Cap				
CHKENDCAP	Height	14.00 mm	0.55 inch	
	Width	9.00 mm	0.35 inch	
	Length	41.50 mm	1.63 inch	