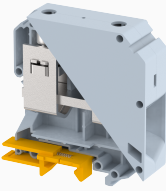




KUT95 - Product Details

General Information

Company	Elmex Group
Product Category	Terminal Blocks
Product Group	Feed Through Terminal Blocks
Connection Method	Screw Connection

Product Data

Product Name	KUT95
Product Image	
Line Diagram	
Short Description	Feed Through Terminal Block - Screw Connection
Full Description	Terminal Type - KUT95 , Feed-through terminal block, nominal voltage: 1000 V, nominal current: 232 A, connection method: Screw connection, number of connections: 2, cross section: 25 mm ² - 120 mm ² , AWG: 4/0 - 2 , width: 25 mm , length: 83 mm , height : 90 mm , mounting type: TS35/7.5 , TS35/15 , and TS32
Approvals	
Standard Colour	Gray
Colour Variants	Black , Blue , Green , Khakhi , Red , Yellow ,

Key Commercial Data

Standard Weight	2.25 Kg
Weight per Piece (excluding packing)	204 g
Packing Unit	10 pc
Minimum Order Quantity	10 pc
GTIN Number	85389000
Country Of Origin	INDIA

Technical Data - General

Number of levels	1
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Number of connections	2
Potentials	1
Nominal cross section	95 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	12 kV
Degree of pollution	3
Overvoltage category	III
Maximum power dissipation for nominal condition	7.4 W
Nominal Current I _N	232 A
Nominal Voltage U _N	1000 V
Open side panel	No
Back of the hand protection	Guaranteed
Finger Protection	Guaranteed
Result Of Surge Voltage Test	Test passed
Surge Voltage Test Setpoint	14.8 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	25 mm ² / 4.5 kg , 95 mm ² / 14 kg , 120 mm ² /14 kg
Tensile test result	Test passed
Conductor cross section tensile test	25 mm ²
Tractive force setpoint	50 N
Conductor cross section tensile test	95 mm ²
Tractive force setpoint	351 N
Conductor cross section tensile test	120 mm ²
Tractive force setpoint	427 N
Result of tight fit on support	Test passed
Tight fit on carrier	TS35/7.5 , TS35/15 , and TS32
Setpoint	15
Result of voltage-drop test	Test passed
Requirements, voltage drop	<=3.2 mV
Result of temperature-rise test	Test passed

Short circuit stability result	Test passed
Conductor cross section short circuit testing	95 mm ²
Short-time current	11.40 kA
Flame test method	Vertical
Oxygen index	28 %
Surface flammability	Passed
Specific optical density of smoke	Passed
Smoke gas toxicity	Passed

Dimensions

Width	25 mm	0.98 inch
Length	83 mm	3.27 inch
Height	90 mm	3.54 inch
Height NS 35/7,5	90 mm	3.54 inch
Height NS 35/15	98 mm	3.86 inch
Height NS 32/15	94.9 mm	3.74 inch

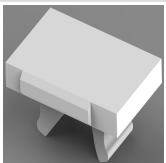
Connection Data

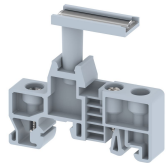
Screw thread	M8
Stripping length	33 mm
Tightening torque, min	20 Nm
Tightening torque, max	22 Nm
Connection in acc. with standard	IEC 60947-7-1
Conductor cross section solid min	25 mm ²
Conductor cross section solid max	120 mm ²
Conductor cross section AWG min, Solid	2
Conductor cross section AWG max, Solid	4/0
Conductor cross section flexible min	25 mm ²
Conductor cross section flexible max	95 mm ²
Min. AWG conductor cross section, flexible	2
Max. AWG conductor cross section, flexible	4/0


Approval Details


Product Accessories


End Clamp				
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	

Marker For Terminal Blocks				
LABEL KN17	Width	17.00 mm	0.67 inch	

Marker carriers				
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	