

Applications in Control & Automation require fuse protection facility. **elmex** offers Terminal Blocks with built-in safety fuse levers. These Terminal Blocks accommodate a glass cartridge fuse of 5mm x 20mm, 5mm x 25mm or 6mm x 32mm size. The fuse holder is made of special grade Phosphor-Bronze and hence offers low contact resistance.

A solid brass link type **DL4** in place of the fuse, makes it possible to use it as a Disconnecting type Terminal Block.

KUDDF 4 is a Fuse Terminal and a Standard Terminal Block (Feed Through) combined in one housing, giving cost, time and space economy. It occupies the space of one terminal block and works as a pair of Terminal Blocks - the upper tier with Fuse Protection. One Terminal can be assigned to one pair of signals.

An LED is provided for blown fuse indication. Standard operating voltages can be selected from a range of 24 VDC, 48 VDC, 110 VDC, 220 VDC, 12 VDC, 110 VAC and 240 VAC.



Fuse



Fuse with LED



Fuse Feed Through

DESCRIPTION	KUDF 4			KUDF 4D*			KUDF 4A*		
TERMINAL PITCH	8 mm (0.31 Inch)			8 mm (0.31 Inch)			8 mm (0.31 Inch)		
HEIGHT x WIDTH in mm (Inch)	42.5 x 58 (1.67 x 2.28)			42.5 x 58 (1.67 x 2.28)			42.5 x 58 (1.67 x 2.28)		
RATED CROSS SECTION	4 sq mm			4 sq mm			4 sq mm		
CONNECTION Flexible	0.5 sq mm - 4 sq mm			0.5 sq mm - 4 sq mm			0.5 sq mm - 4 sq mm		
POSSIBILITY Rigid	0.5 sq mm - 4 sq mm			0.5 sq mm - 4 sq mm			0.5 sq mm - 4 sq mm		
WIRE STRIPPING LENGTH	9 mm			9 mm			9 mm		
TYPE OF CONNECTION	2 screw clamp			2 screw clamp			2 screw clamp		
RATINGS	IEC 60947-7-1	800 V/6.3 A/4 sq mm/0.4 Nm		800 V/6.3 A/4 sq mm/0.4 Nm		800 V/6.3 A/4 sq mm/0.4 Nm		800 V/6.3 A/4 sq mm/0.4 Nm	
		600 V/7 A/12-20 AWG/6 Lbln		600 V/7 A/12-20 AWG/6 Lbln		600 V/7 A/12-20 AWG/6 Lbln		600 V/7 A/12-20 AWG/6 Lbln	
SCREW SIZE	M3			M3			M3		
TERMINAL TYPE	KUDF 4	STD. PKG. 100	WT/STD.PKG-KG 1.36	KUDF 4D	STD. PKG. 100	WT/STD.PKG-KG 1.39	KUDF 4A	STD. PKG. 100	WT/STD.PKG-KG 1.42
END PLATE	Not Required			Not Required			Not Required		
PARTITION PLATE WITH FOOT	KBZF	100	0.75	KBZF	100	0.75	KBZF	100	0.75
END CLAMPS	SCKN	100	0.80	SCKN	100	0.80	SCKN	100	0.80
	SCUN	100	0.94	SCUN	100	0.94	SCUN	100	0.94
	SCUSL	50	0.63	SCUSL	50	0.63	SCUSL	50	0.63
	SCUDD	50	0.64	SCUDD	50	0.64	SCUDD	50	0.64
COMB LINK	- 2 WAY	UFSL - 2 W	100 0.14	UFSL - 2 W	100 0.14	UFSL - 2 W	100 0.14	UFSL - 2 W	100 0.14
	- 3 WAY	UFSL - 3 W	100 0.20	UFSL - 3 W	100 0.20	UFSL - 3 W	100 0.20	UFSL - 3 W	100 0.20
	- 4 WAY	UFSL - 4 W	100 0.28	UFSL - 4 W	100 0.28	UFSL - 4 W	100 0.28	UFSL - 4 W	100 0.28
	- 5 WAY	UFSL - 5 W	50 0.17	UFSL - 5 W	50 0.17	UFSL - 5 W	50 0.17	UFSL - 5 W	50 0.17
	- 10 WAY	UFSL - 10 W	50 0.33	UFSL - 10 W	50 0.33	UFSL - 10 W	50 0.33	UFSL - 10 W	50 0.33
MARKING LABEL	Label KN 8	100 Strips	0.12	Label KN 8	100 Strips	0.12	Label KN 8	100 Strips	0.12
GROUP MARKING CARRIER	SCKNMLH	50	0.55	SCKNMLH	50	0.55	SCKNMLH	50	0.55
	SCUNMLH	50	0.60	SCUNMLH	50	0.60	SCUNMLH	50	0.60
COLOUR:	<ul style="list-style-type: none"> ● GREY, KHAKHI ● RED, YELLOW, BLUE ● BLACK, GREEN 	KUDF4(G), KUDF4(K)		KUDF4D(G), KUDF4D(K)		KUDF4A(G), KUDF4A(K)			
		KUDF4(R), KUDF4(Y), KUDF4(B)		KUDF4D(R), KUDF4D(Y), KUDF4D(B)		KUDF4A(R), KUDF4A(Y), KUDF4A(B)			
		KUDF4(BL), KUDF4(GR)		KUDF4D(BL), KUDF4D(GR)		KUDF4A(BL), KUDF4A(GR)			
MOUNTING CHANNEL	CHS 3/5/10	100/100/50	22/37/36	CHS 3/5/10	100/100/50	22/37/36	CHS 3/5/10	100/100/50	22/37/36
STANDARD LENGTHS 300mm, 500mm, 1000mm	CHK 3/5/10	100/100/100	11/19/36	CHK 3/5/10	100/100/100	11/19/36	CHK 3/5/10	100/100/100	11/19/36
	CHKS 3/5/10	100/100/100	11/17/34	CHKS 3/5/10	100/100/100	11/17/34	CHKS 3/5/10	100/100/100	11/17/34
	CHKDS 10	50	34.50	CHKDS 10	50	34.50	CHKDS 10	50	34.50



*AVAILABLE SIGNAL VOLTAGE
 KUDF4D1 = 24 VDC
 KUDF4D2 = 48 VDC
 KUDF4D3 = 110 VDC
 KUDF4D4 = 220 VDC
 KUDF4D5 = 12 VDC

*AVAILABLE SIGNAL VOLTAGE
 KUDF4A1 = 110 VAC
 KUDF4A2 = 220 VAC

KUDDF 4			KUDDF 4D*			KUDDF 4A*			KUF 10			KUF 10D*					
8 mm (0.31 Inch)			8 mm (0.31 Inch)			8 mm (0.31 Inch)			12 mm (0.47 Inch)			12 mm (0.47 Inch)					
51.5 x 74 (2.03 x 2.91)			51.5 x 74 (2.03 x 2.91)			51.5 x 74 (2.03 x 2.91)			55.75 x 66 (2.19 x 2.59)			55.75 x 66 (2.19 x 2.59)					
2.5 sq mm			2.5 sq mm			2.5 sq mm			10 sq mm			10 sq mm					
0.5 sq mm - 2.5 sq mm			0.5 sq mm - 2.5 sq mm			0.5 sq mm - 2.5 sq mm			0.5 sq mm - 10 sq mm			0.5 sq mm - 10 sq mm					
0.5 sq mm - 4 sq mm			0.5 sq mm - 4 sq mm			0.5 sq mm - 4 sq mm			0.5 sq mm - 10 sq mm			0.5 sq mm - 10 sq mm					
9 mm			9 mm			9 mm			10 mm			10 mm					
4 screw clamp			4 screw clamp			4 screw clamp			2 screw clamp			2 screw clamp					
630 V/6.3 A UT,28 A LT/2.5 sq mm/0.5 Nm			630 V/6.3 A UT,28 A LT/2.5 sq mm/0.5 Nm			630 V/6.3 A UT,28 A LT/2.5 sq mm/0.5 Nm			1000 V/12 A/10 sq mm/1.4 Nm			1000 V/12 A/10 sq mm/1.4 Nm					
300 V/10 A UT,20 A LT/12-24 AWG/7 Lbln			300 V/10 A UT,20 A LT/12-24 AWG/7 Lbln			300 V/10 A UT,20 A LT/12-24 AWG/7 Lbln			600 V/12 A/6-18 AWG/12 Lbln			600 V/12 A/6-18 AWG/12 Lbln					
M3			M3			M3			M4			M4					
CAT #	STD. PKG.	WT/STD.PKG-KG	CAT #	STD. PKG.	WT/STD.PKG-KG	CAT #	STD. PKG.	WT/STD.PKG-KG	CAT #	STD. PKG.	WT/STD.PKG-KG	CAT #	STD. PKG.	WT/STD.PKG-KG			
KUDDF 4	50	1.13	KUDDF 4D	50	1.14	KUDDF 4A	50	1.15	KUF10	50	2.10	KUF10D	50	2.10			
Not Required			Not Required			Not Required			EPF			50			0.40		
KBZF	100	0.75	KBZF	100	0.75	KBZF	100	0.75	KBZF	100	0.75	KBZF	100	0.75			
SCKN	100	0.80	SCKN	100	0.80	SCKN	100	0.80	SCKN	100	0.80	SCKN	100	0.80			
SCUN	100	0.94	SCUN	100	0.94	SCUN	100	0.94	SCUN	100	0.94	SCUN	100	0.94			
SCUSL	50	0.63	SCUSL	50	0.63	SCUSL	50	0.63	SCUSL	50	0.63	SCUSL	50	0.63			
SCUDD	50	0.64	SCUDD	50	0.64	SCUDD	50	0.64	SCUDD	50	0.64	SCUDD	50	0.64			
UFSL - 2 W	100	0.14	UFSL - 2 W	100	0.14	UFSL - 2 W	100	0.14	--	--	--	--	--	--			
UFSL - 3 W	100	0.20	UFSL - 3 W	100	0.20	UFSL - 3 W	100	0.20	--	--	--	--	--	--			
UFSL - 4 W	100	0.28	UFSL - 4 W	100	0.28	UFSL - 4 W	100	0.28	--	--	--	--	--	--			
UFSL - 5 W	50	0.17	UFSL - 5 W	50	0.17	UFSL - 5 W	50	0.17	--	--	--	--	--	--			
UFSL - 10 W	50	0.33	UFSL - 10 W	50	0.33	UFSL - 10 W	50	0.33	--	--	--	--	--	--			
Label KN 8	100 Strips	0.12	Label KN 8	100 Strips	0.12	Label KN 8	100 Strips	0.12	Label KN 10	100 Strips	0.15	Label KN 10	100 Strips	0.15			
SCKNMLH	50	0.55	SCKNMLH	50	0.55	SCKNMLH	50	0.55	SCKNMLH	50	0.55	SCKNMLH	50	0.55			
SCUNMLH	50	0.60	SCUNMLH	50	0.60	SCUNMLH	50	0.60	SCUNMLH	50	0.60	SCUNMLH	50	0.60			
KUDDF4(G), KUDDF4(K)			KUDDF4D(G), KUDDF4D(K)			KUDDF4A(G), KUDDF4A(K)			KUF10(G), KUF10(K)			KUF10D(G), KUF10D(K)					
KUDDF4(R), KUDDF4(Y), KUDDF4(B)			KUDDF4D(R), KUDDF4D(Y), KUDDF4D(B)			KUDDF4A(R), KUDDF4A(Y), KUDDF4A(B)			KUF10(R), KUF10(Y), KUF10(B)			KUF10D(R), KUF10D(Y), KUF10D(B)					
KUDDF4(BL), KUDDF4(GR)			KUDDF4D(BL), KUDDF4D(GR)			KUDDF4A(BL), KUDDF4A(GR)			KUF10(BL), KUF10(GR)			KUF10D(BL), KUF10D(GR)					
CHS 3/5/10	100/100/50	22/37/36	CHS 3/5/10	100/100/50	22/37/36	CHS 3/5/10	100/100/50	22/37/36	CHS 3/5/10	100/100/50	22/37/36	CHS 3/5/10	100/100/50	22/37/36			
CHK 3/5/10	100/100/100	11/19/36	CHK 3/5/10	100/100/100	11/19/36	CHK 3/5/10	100/100/100	11/19/36	CHK 3/5/10	100/100/100	11/19/36	CHK 3/5/10	100/100/100	11/19/36			
CHKS 3/5/10	100/100/100	11/17/34	CHKS 3/5/10	100/100/100	11/17/34	CHKS 3/5/10	100/100/100	11/17/34	CHKS 3/5/10	100/100/100	11/17/34	CHKS 3/5/10	100/100/100	11/17/34			
CHKDS 10	50	34.50	CHKDS 10	50	34.50	CHKDS 10	50	34.50	CHKDS 10	50	34.50	CHKDS 10	50	34.50			

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 KUDDF4D1 = 24 VDC
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 KUDDF4D3 = 110 VDC
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 KUDDF4D5 = 12 VDC

*AVAILABLE SIGNAL VOLTAGE
 KUDDF4A1 = 110 VAC
 KUDDF4A2 = 220 VAC

*AVAILABLE SIGNAL VOLTAGE
 KUF10D1 = 24 VDC
 KUF10D2 = 48 VDC
 KUF10D3 = 110 VDC
 KUF10D4 = 220 VDC
 KUF10D5 = 12 VDC