

FEED THROUGH TERMINALS (KUT Series)

elmex "K" Series Universal (TS35mm & TS32mm) DIN Rail Mounted **Feed Through Terminals** in Polyamide 66 Housing offers the complete range suitable for all control and power applications.

The proven screw-clamp design offers high contact force and is easy to use.

The range covers terminals for conductor sizes from 0.5 sq mm to 95 sq mm.

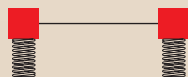
The special foot design provides a slot for easy mounting and removal of a single terminal from a stack, using a screwdriver.

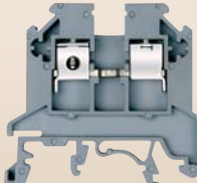
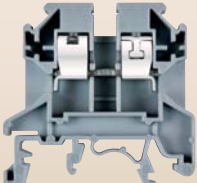
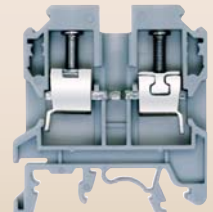
FEED THROUGH



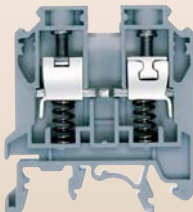
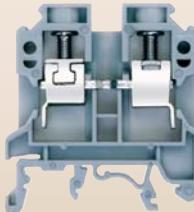
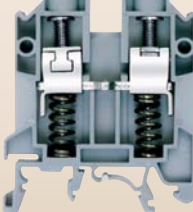
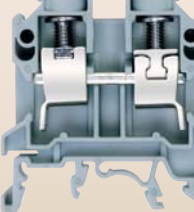
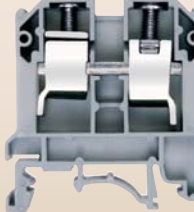
elmex **Spring Loaded Terminals** employ compression springs below the contact clamp assembly, for better and more reliable connection for high vibration applications.

SPRING LOADED FEED THROUGH

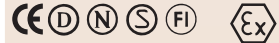
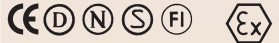
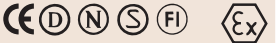
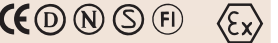
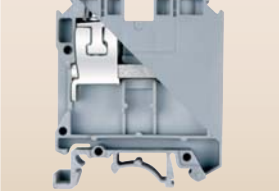
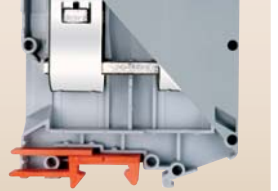
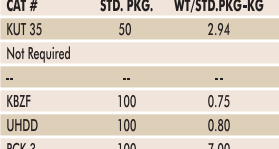
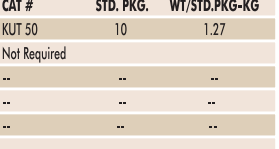
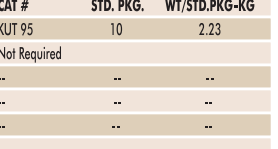


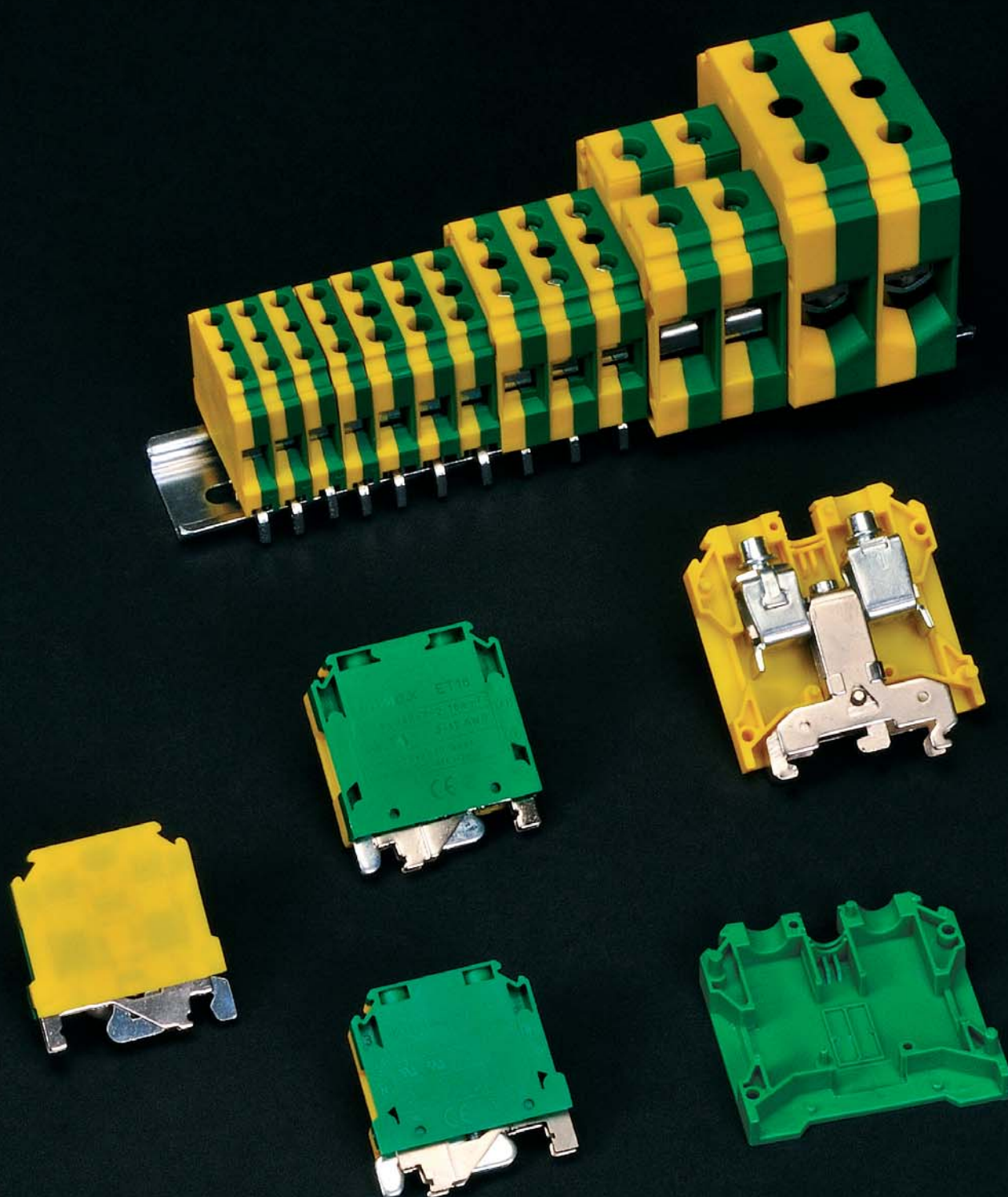
DESCRIPTION	KUTM 2.5	KUT 2.5	KUT 4						
TERMINAL PITCH	5mm (0.20 Inch)	6 mm (0.24 Inch)	6.7 mm (0.26 Inch)						
HEIGHT x WIDTH in mm (Inch)	41 x 42.5 (1.60 x 1.67)	41x 42.5 (1.61 x 1.67)	46.4 x 42.5 (1.83 x 1.67)						
RATED CROSS SECTION	2.5 sq mm	2.5 sq mm	4 sq mm						
CONNECTION Flexible	0.5 sq mm - 2.5 sq mm	0.5 sq mm-2.5 sq mm	0.5 sq mm- 4 sq mm						
POSSIBILITY Rigid	0.5 sq mm - 2.5 sq mm	0.5 sq mm- 4 sq mm	0.5 sq mm- 6 sq mm						
WIRE STRIPPING LENGTH	10 mm	10 mm	12 mm						
TYPE OF CONNECTION	2 screw clamp & 1 tapped hole for cross connection	2 screw clamp & 1 tapped hole for cross connection	2 screw clamp & 1 tapped hole for cross connection						
RATINGS IEC 60947-7-1	800 V/24 A/2.5 sq mm/0.5 Nm	800 V/24A/2.5 sq mm/0.5 Nm	800 V/32A/4 sq mm/0.5 Nm						
SCREW SIZE	M2.6	M3	M3						
  									
   									
	CAT #	STD. PKG.	WT/STD.PKG-KG	CAT #	STD. PKG.	WT/STD.PKG-KG	CAT #	STD. PKG.	WT/STD.PKG-KG
TERMINAL TYPE	KUTM 2.5	100	0.80	KUT 2.5	100	0.92	KUT 4	100	1.27
END PLATE	KPNS	100	0.24	KPNS	100	0.24	KP X	100	0.31
PARTITION PLATE WITHOUT FOOT	KBM	100	0.37	KBM	100	0.37	KB X	100	0.46
PARTITION PLATE WITH FOOT	KBXF	100	0.54	KBXF	100	0.54	KBXF	100	0.54
SUPPORT FOR PROTECTION COVER	UHDD	100	0.80	UHDD	100	0.80	UHDD	100	0.80
PROTECTION COVER	PCK 3	100	7.00	PCK 3	100	7.00	PCK	100	7.00
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
SHORTING LINK ASSEMBLY	CCLK 2.5 - 2W	100	0.27	CCLM 2.5K-2W	100	0.32	CCLA 2.5 -2W	100	0.56
	CCLK 2.5 - 3W	100	0.41	CCLM 2.5K-3W	100	0.46	CCLA 2.5 -3W	100	0.84
	CCLK 2.5 - 4W	50	0.26	CCLM 2.5K-4W	50	0.31	CCLA 2.5 -4W	50	0.56
	CCLK 2.5 - 5W	50	0.33	CCLM 2.5K-5W	50	0.38	CCLA 2.5 -5W	50	0.69
	CCLK 2.5 - 10W	25	0.33	CCLM 2.5K-10W	25	0.38	CCLA 2.5 -10W	25	0.69
PERMANENT SHORTING LINK	--	--	--	--	--	--	PSL 2.5 -2W	100	0.06
	--	--	--	--	--	--	PSL 2.5 -3W	100	0.09
	--	--	--	--	--	--	PSL 2.5 -4W	100	0.13
	--	--	--	--	--	--	PSL 2.5 -5W	100	0.15
	--	--	--	--	--	--	PSL 2.5 -10W	100	0.26
STUD FOR PERMANENT SHORTING LINK	--	--	--	--	--	--	SSP2.5-6	100	0.27
COMB LINK	--	--	--	SLCM2.5 - 2W	100	0.20	SLC 2.5-2W	100	0.23
	--	--	--	SLCM2.5 - 3W	100	0.30	SLC 2.5-3W	100	0.33
	--	--	--	SLCM2.5 - 4W	100	0.40	SLC 2.5-4W	100	0.47
	--	--	--	SLCM2.5 - 5W	50	0.25	SLC 2.5-5W	50	0.29
	--	--	--	SLCM2.5 -10W	50	0.50	SLC 2.5-10W	50	0.57
REMOVABLE SHORTING LINK	--	--	--	--	--	--	RSL 2.5	100	0.05
STUD FOR REMOVABLE SHORTING LINK	--	--	--	--	--	--	LSR2.5-6	100	0.31
MARKING LABEL	KN 5	100 Strips	0.07	Label KN 5.5	100 Strips	0.08	Label KN 6.5	100 Strips	0.10
WARNING LABEL	--	--	--	--	--	--	WL 2.5	100	0.31
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:	GREY, KHAKHI			KUT2.5(G), KUT2.5(K)			KUT4(G), KUT4(K)		
	RED, YELLOW, BLUE			KUT2.5(R), KUT2.5(Y), KUT2.5(B)			KUT4(R), KUT4(Y), KUT4(B)		
	BLACK, GREEN			KUT2.5(BL), KUT2.5(GR)			KUT4(BL), KUT4(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
	CHK5 3/5/10	100/100/100	11/17/34	CHK5 3/5/10	100/100/100	11/17/34	CHK5 3/5/10	100/100/100	11/17/34
	CHKDS 10	50	34.50	CHKDS 10	50	34.50	CHKDS 10	50	34.50

FEED THROUGH TERMINALS (KUT Series)

KST 4UWS			KUT 6			KST 6WS			KUT 10			KUT 16		
6.7 mm (0.26 inch)			8 mm (0.31 Inch)			8 mm (0.31 inch)			10 mm (0.39 inch)			12 mm (0.47 inch)		
46.4 x 42.5 (1.83 x 1.67)			46.4 x 42.5 (1.83 x 1.67)			49.8 x42.5 (1.96 x 1.67)			46.4 x 42.5 (1.83 x 1.67)			51 x 44.5 (2.01 x 1.75)		
4 sq mm			6 sq mm			6 sq mm			10 sq mm			16 sq mm		
0.5 sq mm- 4 sq mm			0.5 sq mm - 6 sq mm			0.5 sq mm - 6 sq mm			1.5 sq mm - 10 sq mm			6 sq mm - 16 sq mm		
0.5 sq mm- 6 sq mm			0.5 sq mm - 10 sq mm			0.5 sq mm - 10 sq mm			1.5 sq mm - 16 sq mm			6 sq mm - 25 sq mm		
12 mm			12 mm			12 mm			12 mm			15 mm		
2 screw clamp & 1 tapped hole for cross connection			2 screw clamp & 1 tapped hole for cross connection			2 screw clamp & 1 tapped hole for cross connection			2 screw clamp and 1 tapped hole for cross connection			2 screw clamp & 1 tapped hole for cross connection		
800 V/32A/4 sq mm/0.5 Nm 600 V/35 A/10-20 AWG/7 Lbln			800 V/41A/6 sq mm/0.8 Nm 600 V/50 A/8-20 AWG/14 Lbln			630 V/41A/6 sq mm/0.8 Nm 600 V/40 A/8-20 AWG/12 Lbln			800 V/57 A/10 sq mm/1.2 Nm 600 V/65 A/6-16 AWG/14 Lbln			800 V/76 A/16 sq mm/1.2 Nm 600 V/100 A/3-12 AWG/17 Lbln		
M3			M3.5			M3.5			M4			M4		
														
														
 SPRING LOADED 			  			 SPRING LOADED 			  			  		
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
KST 4U WS	100	1.28	KUT 6	100	1.51	KST 6 WS	100	1.60	KUT 10	100	2.07	KUT 16	100	2.70
KP X	100	0.31	KPX	100	0.31	KSP 6WS	100	0.52	KPX	100	0.31	KPY	100	0.37
KB X	100	0.46	KBX	100	0.46	KBY	100	0.43	KBX	100	0.46	KB Y	100	0.43
KBXF	100	0.54	KBXF	100	0.54	KBXF	100	0.54	KBXF	100	0.54	KBZF	100	0.75
UHDD	100	0.80	UHDD	100	0.80	UHDD	100	0.80	UHDD	100	0.80	UHDD	100	0.80
PCK	100	7.00	PCK	100	7.00	PCK	100	7.00	PCK	100	7.00	PCK	100	7.00
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
CCLA 2.5 -2W	100	0.56	CCLA 6 -2W	100	0.58	CCLA 6 -2W	100	0.58	CCLA 10-2W	100	0.76	CCLA 16 -2W	100	0.83
CCLA 2.5 -3W	100	0.84	CCLA 6 -3W	100	0.86	CCLA 6 -3W	100	0.86	CCLA 10-3W	100	1.16	CCLA 16 -3W	100	1.24
CCLA 2.5 -4W	50	0.56	CCLA 6 -4W	50	0.58	CCLA 6 -4W	50	0.58	CCLA 10-4W	50	0.78	CCLA 16 -4W	50	0.83
CCLA 2.5 -5W	50	0.69	CCLA 6 -5W	50	0.71	CCLA 6 -5W	50	0.71	CCLA 10-5W	50	0.98	CCLA 16 -5W	50	1.04
CCLA 2.5 -10W	25	0.69	CCLA 6 -10W	25	0.72	CCLA 6 -10W	25	0.72	CCLA 10-10W	25	0.98	--	--	--
PSL 2.5 -2W	100	0.06	PSL 6 -2W	100	0.08	PSL 6 -2W	100	0.08	PSL 10-2W	100	0.11	PSL 16 -2W	100	0.20
PSL 2.5 -3W	100	0.09	PSL 6 -3W	100	0.12	PSL 6 -3W	100	0.12	PSL 10-3W	100	0.18	PSL 16 -3W	100	0.30
PSL 2.5 -4W	100	0.13	PSL 6 -4W	100	0.16	PSL 6 -4W	100	0.16	PSL 10-4W	100	0.23	PSL 16 -4W	100	0.40
PSL 2.5 -5W	100	0.15	PSL 6 -5W	100	0.20	PSL 6 -5W	100	0.20	PSL 10-5W	100	0.28	PSL 16 -5W	100	0.50
PSL 2.5 -10W	100	0.26	PSL 6 -10W	50	0.20	PSL 6 -10W	50	0.20	PSL 10-10W	100	0.55	--	--	--
SSP2.5-6	100	0.27	SSP2.5 -6	100	0.27	SSP2.5-6	100	0.27	SSP10-16	100	0.32	SSP10 -16	100	0.32
SLC 2.5-2W	100	0.23	SLC 6 -2W	100	0.27	SLC 6 -2W	100	0.27	--	--	--	--	--	--
SLC 2.5-3W	100	0.33	SLC 6 -3W	100	0.43	SLC 6 -3W	100	0.43	--	--	--	--	--	--
SLC 2.5-4W	100	0.47	SLC 6 -4W	100	0.59	SLC 6 -4W	100	0.59	--	--	--	--	--	--
SLC 2.5-5W	50	0.29	SLC 6 -5W	50	0.36	SLC 6 -5W	50	0.36	--	--	--	--	--	--
SLC 2.5-10W	50	0.57	SLC 6 -10W	50	0.75	SLC 6 -10W	50	0.75	--	--	--	--	--	--
RSL 2.5	100	0.05	RSL 6	100	0.06	RSL 6	100	0.06	RSL 10	100	0.11	RSL 16	100	0.16
LSR2.5-6	100	0.31	LSR 2.5-6	100	0.31	LSR 2.5-6	100	0.31	LSR 10-16	100	0.49	LSR 10-16	100	0.49
Label KN 6.5	100 Strips	0.10	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
WL 2.5	100	0.31	WL 6	100	0.32	WL 6	100	0.32	WL 10	100	0.42	WL 16	100	0.52
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
KST4UWS(G), KST4UWS(K)			KUT6(G), KUT6(K)			KST6WS(G), KST6WS(K)			KUT10(G), KUT10(K)			KUT16(G), KUT16(K)		
KST4UWS(R), KST4UWS(Y), KST4UWS(B)			KUT6(R), KUT6(Y), KUT6(B)			KST6WS(R), KST6WS(Y), KST6WS(B)			KUT10(R), KUT10(Y), KUT10(B)			KUT16(R), KUT16(Y), KUT16(B)		
KST4UWS(BL), KST4UWS(GR)			KUT6(BL), KUT6(GR)			KST6WS(BL), KST6WS(GR)			KUT10(BL), KUT10(GR)			KUT16(BL), KUT16(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

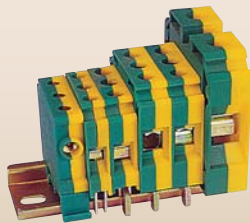
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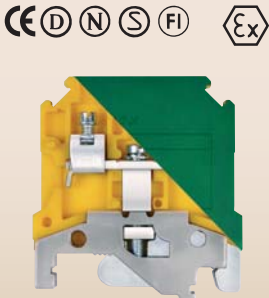
DESCRIPTION	KUT 25			KUT 35			KUT 50			KUT 95		
TERMINAL PITCH	12 mm (0.47 inch)			17 mm (0.67 inch)			20.5 mm (0.81 inch)			25 mm (0.98 inch)		
HEIGHT x WIDTH in mm (Inch)	56 x 45 (2.2 x 1.77)			58 x 51 (2.28 x 2.01)			75.5 x 71 (2.97 x 2.8)			90.5 x 83 (3.56 x 3.27)		
RATED CROSS SECTION	25 sq mm			35 sq mm			50 sq mm			95 sq mm		
CONNECTION Flexible	6 sq mm - 25 sq mm			10 sq mm - 35 sq mm			16 sq mm - 50 sq mm			25 sq mm - 95 sq mm		
POSSIBILITY Rigid	6 sq mm - 25 sq mm			10 sq mm - 35 sq mm			16 sq mm - 70 sq mm			25 sq mm - 120 sq mm		
WIRE STRIPPING LENGTH	15 mm			17 mm			24 mm			33 mm		
TYPE OF CONNECTION	2 screw clamp & 1 tapped hole for cross connection			2 screw clamp & 1 tapped hole for cross connection			2 screw clamp & 1 tapped hole for cross connection			2 screw clamp		
RATINGS IEC 60947-7-1 	1000 V/101 A/25 sq mm/2.3 Nm 600 V/115 A/2-10 AWG/20 Lbln			1000 V/125 A/35 sq mm/3 Nm 600 V/140 A/1-14 AWG/38 Lbln			1000 V/150 A/50 sq mm/8 Nm 600 V/150 A, 2/0-6 AWG/60 Lbln			1000 V/232 A/95 sq mm/20 Nm 600 V/230 A, 4/0-2 AWG/160 Lbln		
SCREW SIZE	M5			M6			M6			M8		
												
												
												
												
TERMINAL TYPE	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
END PLATE 	KUT 25	50	1.83	KUT 35	50	2.94	KUT 50	10	1.27	KUT 95	10	2.23
PARTITION PLATE WITHOUT FOOT 	KB T	100	0.56	--	--	--	--	--	--	--	--	--
PARTITION PLATE WITH FOOT 	KBZF	100	0.75	KBZF	100	0.75	--	--	--	--	--	--
SUPPORT FOR PROTECTION COVER 	UHDD	100	0.80	UHDD	100	0.80	--	--	--	--	--	--
PROTECTION COVER 	PCK	100	7.00	PCK 3	100	7.00	--	--	--	--	--	--
END CLAMPS	SCKN	100	0.80	SCKN	100	0.80	--	--	--	--	--	--
	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
	SCUDD	50	0.64	SCUDD	50	0.64	SCUDD	50	0.64	SCUDD	50	0.64
SHORTING LINK ASSEMBLY	CCLA 25- 2W	100	0.83	CCLA 35K - 2W	50	0.60	CCLA 50 - 2W	50	2.00	--	--	--
- 3 WAY	CCLA 25- 3W	100	1.24	CCLA 35K - 3W	50	0.90	CCLA 50 - 3W	50	3.00	--	--	--
- 4 WAY	CCLA 25- 4W	50	0.83	CCLA 35K - 4W	25	0.60	--	--	--	--	--	--
- 5 WAY	CCLA 25- 5W	50	1.04	CCLA 35K - 5W	25	0.38	--	--	--	--	--	--
- 10 WAY	--	--	--	--	--	--	--	--	--	--	--	--
PERMANENT SHORTING LINK	PSL 16 - 2W	100	0.20	PSL 35K - 2W	100	0.28	--	--	--	--	--	--
- 3 WAY	PSL 16 - 3W	100	0.30	PSL 35K - 3W	100	0.42	--	--	--	--	--	--
- 4 WAY	PSL 16 - 4W	100	0.40	PSL 35K - 4W	100	0.56	--	--	--	--	--	--
- 5 WAY	PSL 16 - 5W	50	0.25	PSL 35K - 5W	50	0.35	--	--	--	--	--	--
- 10 WAY	--	--	--	--	--	--	--	--	--	--	--	--
STUD FOR PERMANENT SHORTING LINK 	SSP 10-16	100	0.32	SSP 35	100	0.55	--	--	--	--	--	--
COMB LINK	--	--	--	--	--	--	--	--	--	--	--	--
- 2 WAY	--	--	--	--	--	--	--	--	--	--	--	--
- 3 WAY	--	--	--	--	--	--	--	--	--	--	--	--
- 4 WAY	--	--	--	--	--	--	--	--	--	--	--	--
- 5 WAY	--	--	--	--	--	--	--	--	--	--	--	--
- 10 WAY	--	--	--	--	--	--	--	--	--	--	--	--
REMOVABLE SHORTING LINK 	RSL 25	100	0.22	RSL 35K	100	0.25	--	--	--	--	--	--
STUD FOR REMOVABLE SHORTING LINK 	LSR 10-16	100	0.49	LSR 35K	100	0.80	--	--	--	--	--	--
MARKING LABEL 	Label KN 10	100 Strips	0.15	Label KN 10	100 Strips	0.15	Label KN 10	100 Strips	0.15	Label KN 10	100 Strips	0.15
WARNING LABEL 	WL 16	100	0.52	WL 35	50	0.30	--	--	--	--	--	--
GROUP MARKING CARRIER 	SCKNMLH	50	0.55	SCKNMLH	50	0.55	--	--	--	--	--	--
	SCUNMLH	50	0.60	SCUNMLH	50	0.60	SCUNMLH	50	0.60	SCUNMLH	50	0.60
COLOUR:  GREY, KHAKHI  RED, YELLOW, BLUE  BLACK, GREEN	KUT25(G), KUT25(K) KUT25(R), KUT25(Y), KUT25(B) KUT25(BL), KUT25(GR)			KUT35(G), KUT35(K) KUT35(R), KUT35(Y), KUT35(B) KUT35(BL), KUT35(GR)			KUT50(G), KUT50(K) KUT50(R), KUT50(Y), KUT50(B) KUT50(BL), KUT50(GR)			KUT95(G), KUT95(K) KUT95(R), KUT95(Y), KUT95(B) KUT95(BL), KUT95(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	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	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
	CHKDS 10	50	34.50	CHKDS 10	50	34.50	CHKDS 10	50	34.50	CHKDS 10	50	34.50

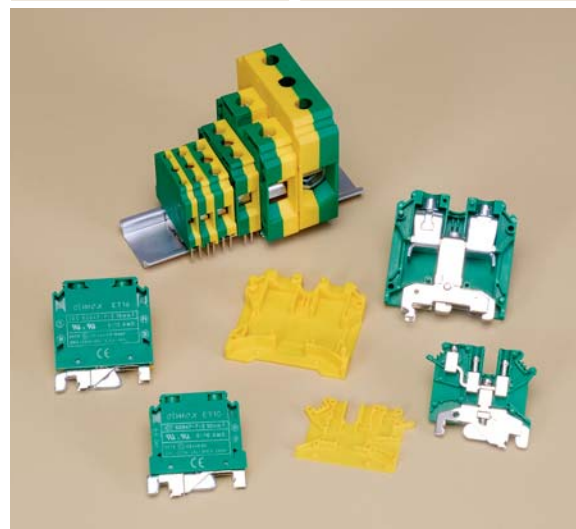


elmex Earth Terminal Blocks replace conventional Bus Bar used for earthing. The structural design is such that the mounting rail not only has a mechanical but also an electrical function. Earthing is established through the foot which clamps directly onto the rail. Earth Terminal Blocks are mounted on the same rail along with other Terminal Blocks. The conducting part is Brass with Nickel-Tin plating, providing a low resistance path. Moreover, the housing is a Green-Yellow combination in accordance with universally accepted colour code for earthing.



DESCRIPTION		ET 4	ET 6	ET 10					
TERMINAL PITCH		6 mm (0.23 inch)	8 mm (0.31 inch)	10 mm (0.39 inch)					
HEIGHT x WIDTH in mm (Inch)		36.0 x 40 (1.41 x 1.57)	45.5 x 43 (1.79 x 1.69)	45.5 x 43 (1.79 x 1.69)					
RATED CROSS SECTION		4 sq mm	6 sq mm	10 sq mm					
CONNECTION	Flexible	0.5 sq mm - 4 sq mm	1.5 sq mm - 6 sq mm	1.5 sq mm - 10 sq mm					
POSSIBILITY	Rigid	0.5 sq mm - 4 sq mm	1.5 sq mm - 10 sq mm	1.5 sq mm - 16 sq mm					
WIRE STRIPPING LENGTH		8 mm	13 mm	13 mm					
TYPE OF CONNECTION		2 screw clamp	2 screw clamp	2 screw clamp					
RATINGS	IEC 60947-7-2 	4 sq mm/0.5 Nm —	6 sq mm/0.8 Nm 8-20 AWG/14 LblIn	10 sq mm/1.2 Nm 6-16 AWG/17 LblIn					
SCREW SIZE		M3	M3.5	M4					
									
									
									
TERMINAL TYPE	CAT #	STD. PKG.	WT/STD.PKG-KG	CAT #	STD. PKG.	WT/STD.PKG-KG	CAT #	STD. PKG.	WT/STD.PKG-KG
END PLATE	ET 4	50	1.30	ET 6	50	1.54	ET 10	50	1.83
PARTITION PLATE WITH FOOT	Not Required			Not Required			Not Required		
SUPPORT FOR PROTECTION COVER	KBXF	100	0.54	KBXF	100	0.54	KBXF	100	0.54
PROTECTION COVER	UHDD	100	0.80	UHDD	100	0.80	UHDD	100	0.80
END CLAMPS	PCK3	100	7.00	PCK 3	100	7.00	PCK 3	100	7.00
	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
MARKING LABEL	Label KN 5.5	100 strips	0.08	Label KN 8	100 strips	0.12	Label KN 10	100 strips	0.15
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
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

ET 16	ET 35	ET 50		
12.5 mm (0.49 inch)	16.5 mm (0.65 inch)	20.2 mm (0.80 inch)		
52 x 45 (2.05 x 1.77)	63 x 58 (2.48 x 2.28)	68.10 x 71 (2.68 x 2.79)		
16 sq mm	35 sq mm	50 sq mm		
6 sq mm - 16 sq mm	6 sq mm - 35 sq mm	16 sq mm - 50 sq mm		
6 sq mm - 25 sq mm	6 sq mm - 35 sq mm	16 sq mm - 50 sq mm		
13 mm	17 mm	20 mm		
2 screw clamp	2 screw clamp	2 screw clamp		
16 sq mm/1.2 Nm	35 sq mm/3 Nm	50 sq mm/8 Nm		
3-12 AWG/14 Lbln	1-8 AWG/32 Lbln	-		
M4	M6	M6		
				
CAT # STD. PKG. WT/STD.PKG-KG ET 16 50 2.34 Not Required KBZF 100 0.75 UHDD 100 0.80 PCK 3 100 7.00 SCKN 100 0.80 SCUN 100 0.94 SCUSL 50 0.63 SCUDD 50 0.64 Label KN 10 100 strips 0.15 SCKNMLH 50 0.55 SCUNMLH 50 0.60 CHS 3/5/10 100/100/50 22/37/36 CHK 3/5/10 100/100/100 11/19/36 CHKS 3/5/10 100/100/100 11/17/34 CHKDS 10 50 34.50	CAT # STD. PKG. WT/STD.PKG-KG ET 35 25 2.77 Not Required KBZF 100 0.75 UHDD 100 0.80 PCK 3 100 7.00 SCKN 100 0.80 SCUN 100 0.94 SCUSL 50 0.63 SCUDD 50 0.64 Label KN 10 100 strips 0.15 SCKNMLH 50 0.55 SCUNMLH 50 0.60 CHS 3/5/10 100/100/50 22/37/36 CHK 3/5/10 100/100/100 11/19/36 CHKS 3/5/10 100/100/100 11/17/34 CHKDS 10 50 34.50	CAT # STD. PKG. WT/STD.PKG-KG ET 50 10 1.85 Not Required -- -- -- -- -- -- -- -- -- SCKN 100 0.80 SCUN 100 0.94 SCUSL 50 0.63 SCUDD 100 1.20 Label KN 10 100 strips 0.15 SCKNMLH 50 0.55 SCUNMLH 50 0.60 CHS 3/5/10 100/100/50 22/37/36 CHK 3/5/10 100/100/100 11/19/36 CHKS 3/5/10 100/100/100 11/17/34 CHKDS 10 50 34.50		



MULTI-LEVEL TERMINALS (DOUBLE DECK)

elmex Multi Level Terminals are the perfect solution where space is a constraint and high density wiring is needed. The compact design of these Terminals with 6 mm thickness allows double wiring density reducing the total number of terminal blocks to half.

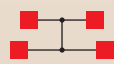
KUDD 4 terminal is specially recommended as its upper level is offset laterally by half of the terminal block pitch. This offers better accessibility to the lower connection screws and better visibility of the lower marking labels.

KU2D 4 terminal blocks with internally shorted versions are suitable for distribution applications offering 1 input and 3 outputs.

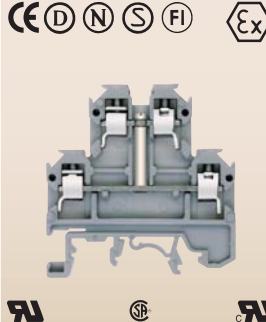
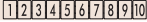
MULTI LEVEL



Double Deck

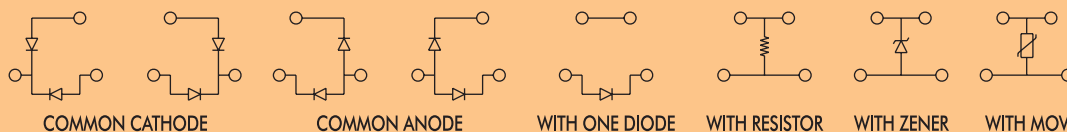


Internally Shorted
Double Deck

DESCRIPTION		KU2D 4			KU2D 4S			KUDD 4		
TERMINAL PITCH		6 mm (0.24 inch)			6 mm (0.24 inch)			6 mm (0.24 inch)		
HEIGHT x WIDTH in mm (Inch)		50.8 x 50 (2.00 x 1.97)			50.8 x 50 (2.00 x 1.97)			59.5 x 54 (2.34 x 2.13)		
RATED CROSS SECTION		2.5 sq mm			2.5 sq mm			2.5 sq mm		
CONNECTION	Flexible	0.5 sq mm - 2.5 sq mm			0.5 sq mm - 2.5 sq mm			0.5 sq mm - 2.5 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		4 screw clamp & 1 tapped hole for cross connection			4 screw clamp			4 screw clamp & 2 tapped hole for cross connection		
RATINGS		IEC 60947-7-1 			500 V/24 A/2.5 sq mm/0.4 Nm 600 V/20 A/12-20 AWG/6 Lbln			500 V/24 A/2.5 sq mm/0.4 Nm 600 V/20 A/12-20 AWG/6 Lbln		
SCREW SIZE		M3			M3			M3		
										
										
		CAT #	STD. PKG.	WT/STD.PKG-KG	CAT #	STD. PKG.	WT/STD.PKG-KG	CAT #	STD. PKG.	WT/STD.PKG-KG
TERMINAL TYPE		KU2D 4	100	1.28	KU2D 4S	100	1.45	KUDD 4	100	1.49
END PLATE		EPDD	100	0.08	EPDD	100	0.08	KPDD	100	0.10
SUPPORT FOR PROTECTION COVER		UHDD	100	0.80	UHDD	100	0.80	--	--	--
PROTECTION COVER		PCK 3	100	7.00	PCK 3	100	7.00	--	--	--
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
SHORTING LINK ASSEMBLY	- 2 WAY	CCLA DD -2W	100	0.25	--	--	--	CCLA DD -2W	100	0.25
	- 3 WAY	CCLA DD -3W	100	0.38	--	--	--	CCLA DD -3W	100	0.38
	- 4 WAY	CCLA DD -4W	100	0.51	--	--	--	CCLA DD -4W	100	0.51
	- 5 WAY	CCLA DD -5W	50	0.33	--	--	--	CCLA DD -5W	50	0.33
	- 10 WAY	CCLA DD -10W	50	0.65	--	--	--	CCLA DD -10W	50	0.65
COMB LINK	- 2 WAY	SLCM2.5 - 2W	100	0.20	SLCM2.5 - 2W	100	0.20	SLCM2.5 - 2W	100	0.20
	- 3 WAY	SLCM2.5 - 3W	100	0.30	SLCM2.5 - 3W	100	0.30	SLCM2.5 - 3W	100	0.30
	- 4 WAY	SLCM2.5 - 4W	100	0.40	SLCM2.5 - 4W	100	0.40	SLCM2.5 - 4W	100	0.40
	- 5 WAY	SLCM2.5 - 5W	50	0.25	SLCM2.5 - 5W	50	0.25	SLCM2.5 - 5W	50	0.25
	- 10 WAY	SLCM2.5 - 10W	50	0.50	SLCM2.5 - 10W	50	0.50	SLCM2.5 - 10W	50	0.50
MARKING LABEL		Label KN 5.5	100 Strips	0.08	Label KN 5.5	100 Strips	0.08	Label KN 5.5	100 Strips	0.08
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:	  GREY, KHAKHI   RED, YELLOW, BLUE   BLACK, GREEN	KU2D4(G), KU2D4(K) KU2D4(R), KU2D4(Y), KU2D4(B) KU2D4(BL), KU2D4(GR)			KU2D4S(G), KU2D4S(K) KU2D4S(R), KU2D4S(Y), KU2D4S(B) KU2D4S(BL), KU2D4S(GR)			KUDD4(G), KUDD4(K) KUDD4(R), KUDD4(Y), KUDD4(B) KUDD4(BL), KUDD4(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
		CHK 3/5/10	100/100/100	11/17/34	CHK 3/5/10	100/100/100	11/17/34	CHK 3/5/10	100/100/100	11/17/34
		CHKDS 10	50	34.50	CHKDS 10	50	34.50	CHKDS 10	50	34.50

COMPONENT HOUSINGS offer an alternative to conventional method of connecting terminal blocks with components on a separate PCB in a panel. They act as simple interface circuits duly mounted in terminal blocks, saving time and labour.

The variety of Component Housings for mounting Diode/s, LED, Resistor, MOV in various combinations are available using the insulation housing of KUDD4/KU2D4.

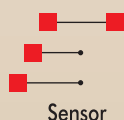


elmex three level terminal blocks can be used for high-density wiring and for wiring special equipment such as proximity sensors.

DUSD4 has a special link attached to the middle and lower level to facilitate the interconnection between adjacent terminal blocks, **DU3D4** or **DUSD4**.

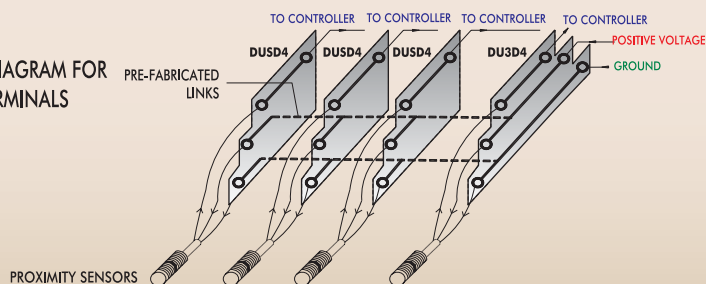
The negative and positive circuits can be easily bridged together and then connected to a power source with **DU3D4** terminal.

DUSD4 can be used along with **DU3D4** to provide a quick and efficient means of wiring sensors. **DUSD4** comes equipped with a bridge on the first and second level that allows it to be immediately connected to an adjacent similar block, there by connecting positive (+) and negative (-) circuits together without the need for special jumpers. The top level is a feed-through circuit allowing the sensor circuit to be wired directly to the controller.



DESCRIPTION	DU3D 4	DUSD 4	
TERMINAL PITCH	6 mm (0.24 inch)	6 mm (0.24 inch)	
HEIGHT x WIDTH in mm (Inch)	55 x 82.3 (2.17 x 3.24)	55 x 60 (2.17 x 2.36)	
RATED CROSS SECTION	2.5 sq mm	2.5 sq mm	
CONNECTION	Flexible		
POSSIBILITY	Rigid		
WIRE STRIPPING LENGTH	8 mm	8 mm	
TYPE OF CONNECTION	6 screw clamp & 1 tapped hole for cross connection	4 screw clamp & 1 tapped hole with lug for cross connection	
RATINGS	IEC 60947-7-1 		
SCREW SIZE	M3	M3	
TERMINAL TYPE	CAT #	STD. PKG.	WT/STD.PKG-KG
END PLATE	DU3D 4	50	1.18
END CLAMPS	DP3D	100	0.53
	SCKN	100	0.80
	SCUN	100	0.94
	SCUSL	50	0.63
	SCUDD	50	0.64
SHORTING LINK ASSEMBLY	CCLATD - 2W	100	0.25
	CCLATD - 3W	100	0.38
	CCLATD - 4W	100	0.50
	CCLATD - 5W	50	0.32
	CCLATD - 10W	50	0.63
COMB LINK	SLCM2.5 - 2W	100	0.20
	SLCM2.5 - 3W	100	0.30
	SLCM2.5 - 4W	100	0.40
	SLCM2.5 - 5W	50	0.25
	SLCM2.5 - 10W	50	0.50
MARKING LABEL	Label KN 5.5	100 strips	0.08
GROUP MARKING CARRIER	SCKNMLH	50	0.55
	SCUNMLH	50	0.60
COLOR:	DU3D4(G), DU3D4(K)	DUSD4(G), DUSD4(K)	
	DU3D4(R), DU3D4(Y), DU3D4(B)	DUSD4(R), DUSD4(Y), DUSD4(B)	
	DU3D4(BL), DU3D4(GR)	DUSD4(BL), DUSD4(GR)	
MOUNTING CHANNEL	CHK 3/5/10	100/100/100	11/19/36
STANDARD LENGTHS 300mm, 500mm, 1000mm	CHKS 3/5/10	100/100/100	11/17/34
	CHKDS 10	50	34.50

APPLICATION DIAGRAM FOR THREE LEVEL TERMINALS



Vibrations adversely affect terminal connection, causing loosening of conductors and consequent over heating of terminal blocks. **elmex** Terminal Blocks are therefore designed to be inherently resistant to vibrations in normal applications.

However, high vibrations can arise due to vibration-affected installation sites, such as installations in and around mines, proximity to heavy machine shop, forging/die casting shops, cement/steel plants machinery, textile machines and so on. Special designs for high vibration application are also preferred in some Power Projects, Power Distribution Centres, Motor Control Centres and Relay Control Panels, depending on proximity of vibration generating equipment.

elmex Standard Screw Clamps design, with compression springs, provided under the clamp, offer a reliable solution for high vibration applications of Terminal Blocks. These are called "SPRING LOADED" terminal blocks. They are available both with Polyamide 6.6 as well as Melamine housings in following types:

Feed Through types : KST4UWS, KST6WS, KULT4, KULT6, KULT1, CST2.5WS, CST6WS, CSLT1.

Disconnecting types : KULTD4WS, KULTD6.

The spring is assembled under compression, so that it engages firmly with contact clamp. For inserting the conductor, clamping screw should be unscrewed and pressed, which results into pushing down the contact clamp against spring action and creates space for conductor insertion below the current bar. When the screw is tightened with specified tightening torque, the clamping part moves up to cause gripping of conductor with current bar, as with normal clamping process, but in case of the spring loaded design, the conductor is gripped with additional clamping force exerted by the compression spring from below the clamping part.

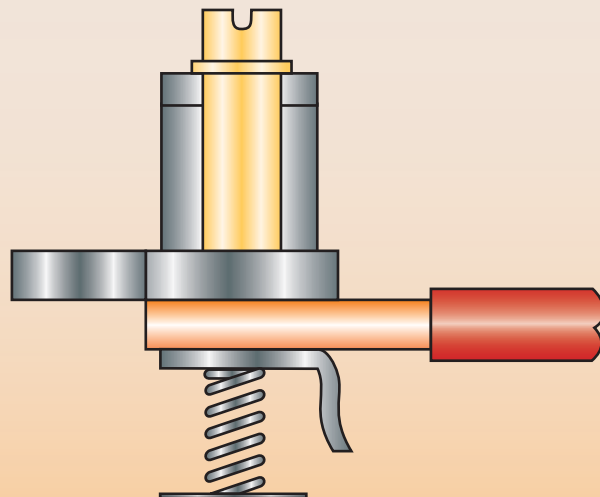
Special design of current bar with a recess is available to anchor a hook-bladed cable lug, in the current bar. This provision creates conductor locking within terminal block once it is clamped, so that it cannot be pulled out accidentally. This design is presently available in types CSLT1, KULT1, 4, 6 and KULTD 4, 6.



LUG ANCHORING



VIBRATION RESISTANT



SPRING LOADED

DESCRIPTION	KULT 4			KULT 6			KULT 1			DISCONNECTING
TERMINAL PITCH	6 mm (0.24 Inch)			8 mm (0.31 Inch)			10 mm (0.39 inch)			KULTD 4WS
HEIGHT x WIDTH in mm (Inch)	58.5 x 52 (2.30 x 2.05)			58.5 x 52 (2.30 x 2.05)			58.5 x 52 (2.30 x 2.05)			
RATED CROSS SECTION	4 sq mm			6 sq mm			10 sq mm			
CONNECTION Flexible	0.5 sq mm - 4 sq mm			0.5 sq mm - 6 sq mm			1.5 sq mm - 10 sq mm			
POSSIBILITY Rigid	0.5 sq mm - 6 sq mm			0.5 sq mm - 10 sq mm			1.5 sq mm - 16 sq mm			
WIRE STRIPPING LENGTH	12 mm			12 mm			12 mm			
TYPE OF CONNECTION	2 screw clamp & 1 tapped hole for cross connection			2 screw clamp & 1 tapped hole for cross connection			2 screw clamp & 1 tapped hole for cross connection			
RATINGS IEC 60947-7-1	1000 V/32 A/4 sq mm/0.5 Nm 600 V/35 A/10-24 AWG/7 Lbln			800 V/41 A/6 sq mm/1.4 Nm 600 V/45 A/8-24 AWG/12 Lbln			1000 V/57 A/10 sq mm/1.2 Nm 600 V/65 A/6-16 AWG/17 Lbln			IEC 60947-7-1 : 800 V/20 A/4 sq mm/0.6 Nm : 600 V/15 A/10-24 AWG/5 Lbln H51(2.00"), W52(2.05"), T6(0.24") End Plate : KPSD4; Marking Label : KN 5.5
SCREW SIZE	M4			M4			M4			
										KULTD 6
TERMINAL TYPE	CAT #	STD. PKG.	WT/STD.PKG-KG	CAT #	STD. PKG.	WT/STD.PKG-KG	CAT #	STD. PKG.	WT/STD.PKG-KG	
END PLATE	KULT4	100	1.45	KULT6	100	1.92	KULT1	100	2.70	
PARTITION PLATE WITHOUT FOOT	KPSL	100	0.38	KPSL	100	0.38	KPSL	100	0.38	
PARTITION PLATE WITH FOOT	--	--	--	--	--	--	--	--	--	
SUPPORT FOR PROTECTION COVER	KBZF	100	0.75	KBZF	100	0.75	KBZF	100	0.75	
PROTECTION COVER	UHDD	100	0.80	UHDD	100	0.80	UHDD	100	0.80	
END CLAMPS	PCK 3	100	7.00	PCK 3	100	7.00	PCK 3	100	7.00	
	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	
SHORTING LINK ASSEMBLY	CCLA4K-2W	100	0.60	CCLA6K-2W	100	0.60	CCLA1LK-2W	100	1.00	
	CCLA4K-3W	100	0.90	CCLA6K-3W	100	0.90	CCLA1LK-3W	100	1.50	
	CCLA4K-4W	100	1.20	CCLA6K-4W	100	1.20	CCLA1LK-4W	100	2.00	
	CCLA4K-5W	100	1.50	CCLA6K-5W	100	1.50	CCLA1LK-5W	50	1.25	
	CCLA4K-10W	50	1.50	CCLA6K-10W	50	1.50	CCLA1LK-10W	25	1.25	
PERMANENT SHORTING LINK	--	--	--	--	--	--	--	--	--	
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STUD FOR PERMANENT SHORTING LINK	--	--	--	--	--	--	--	--	--	
COMB LINK	SLCM2.5 - 2W	100	0.20	SLC 6 - 2W	100	0.27	--	--	--	
	SLCM2.5 - 3W	100	0.30	SLC 6 - 3W	100	0.43	--	--	--	
	SLCM2.5 - 4W	100	0.40	SLC 6 - 4W	100	0.59	--	--	--	
	SLCM2.5 - 5W	50	0.25	SLC 6 - 5W	50	0.36	--	--	--	
	SLCM2.5 - 10W	50	0.50	SLC 6 - 10W	50	0.75	--	--	--	
REMOVABLE SHORTING LINK	--	--	--	--	--	--	RS11LK	100	0.24	
STUD FOR REMOVABLE SHORTING LINK	--	--	--	--	--	--	LSR1LK	100	0.78	
MARKING LABEL	Label KN5.5	100 Strips	0.08	Label KN 8	100 Strips	0.12	Label KN 10	100 Strips	0.15	
WARNING LABEL	--	--	--	--	--	--	--	--	--	
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:										
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	

FOR FURTHER DETAILS
PLEASE REFER PAGE # 34 & 35

FEED THROUGH TERMINALS (KUT-N Series)

elmex KUT-N series of terminals are developed from the well established KUT series. They have several special features matching international designs.

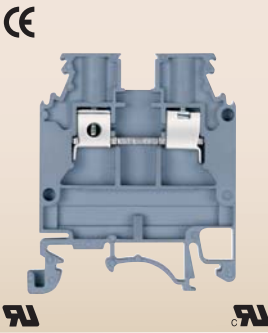
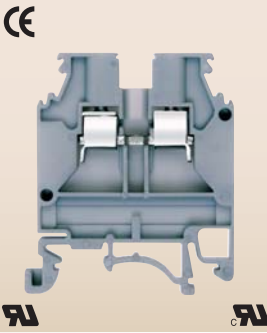
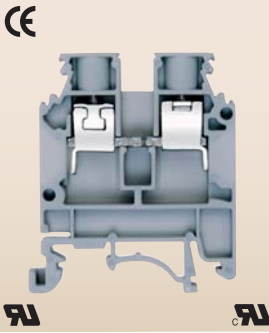
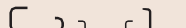
The KUT N series currently consists of 2.5,4,6,10 sq mm terminals (KUT 2.5N to KUT 10N) all with identical profiles. This feature allows use of common accessories such as End Plate, Barrier Plates, End Clamps etc for the entire range. The 5 mm (KUT 2.5N) and 6 mm (KUT 4N) pitch for the terminals are becoming more popular internationally.

The double deck terminal KUDD 4N is especially recommended for installations having space constraint and high wiring density. The terminal has shorting facility at both levels to facilitate circuit connections.

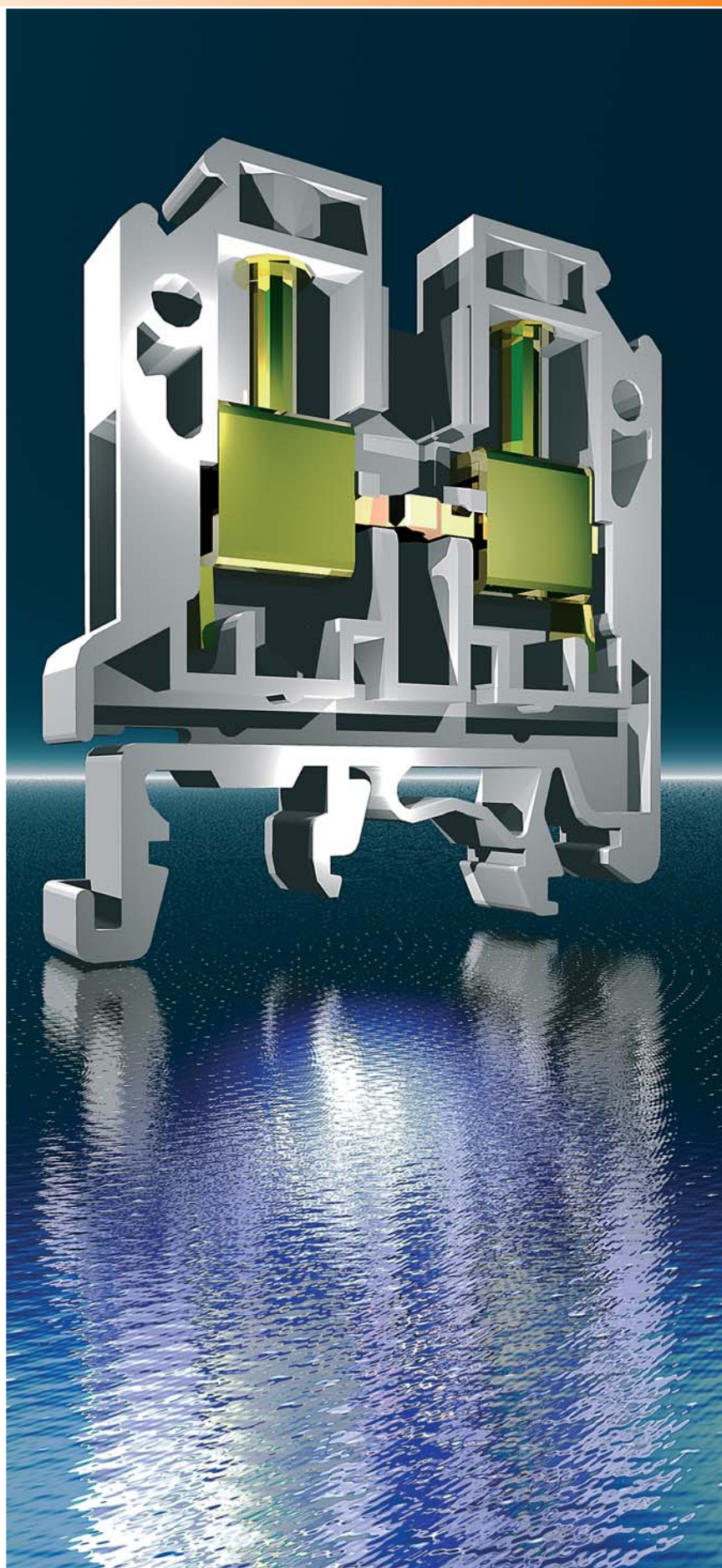
All the KUT N series of terminals have funnel shaped wire entry hole which guides wire perfectly into the clamp even in difficult and congested places for wiring. This also fully shrouds the conductor termination, thus providing electrical cover for safety.

The marking label windows are specially designed to accept labels of different makes and offers installation flexibility for end users.

The terminals are provided with a unique, through running slot near the mounting foot for installing shield connector for certain specific applications.

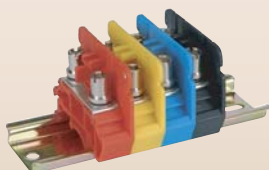
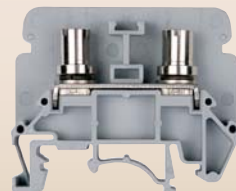
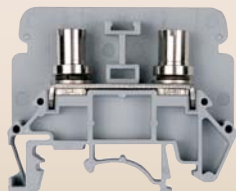
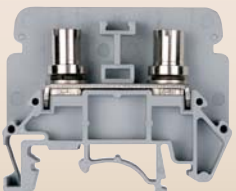
DESCRIPTION		KUT 2.5N		KUT 4N		KUT 6N					
TERMINAL PITCH		5 mm (0.20 Inch)		6 mm (0.24 Inch)		8 mm (0.31 Inch)					
HEIGHT x WIDTH in mm (Inch)		51 x 41.5 (2.00 x 1.63)		51 x 41.5 (2.00 x 1.63)		51 x 41.5 (2.00 x 1.63)					
RATED CROSS SECTION		2.5 sq mm		4 sq mm		6 sq mm					
CONNECTION	Flexible	0.5 sq mm - 2.5 sq mm		0.5 sq mm - 4 sq mm		0.5 sq mm - 6 sq mm					
POSSIBILITY	Rigid	0.5 sq mm - 4 sq mm		0.5 sq mm - 4 sq mm		0.5 sq mm - 10 sq mm					
WIRE STRIPPING LENGTH		10 mm		12 mm		12 mm					
TYPE OF CONNECTION		2 screw clamp & 1 tapped hole for cross connection		2 screw clamp & 1 tapped hole for cross connection		2 screw clamp & 1 tapped hole for cross connection					
RATINGS	IEC 60947-7-1  	1000 V/24 A/2.5 sq mm/0.4 Nm 600 V/20 A/12-20 AWG/6 Lbln		1000 V/32 A/4 sq mm/0.5 Nm 600 V/30 A/10-20 AWG/6 Lbln		1000 V/41 A/6 sq mm/0.8 Nm 600 V/50 A/8-20 AWG/13 Lbln					
SCREW SIZE		M2.6		M3		M3.5					
		  		  		  					
		CAT #	STD. PKG.	WT/STD.PKG-KG	CAT #	STD. PKG.	WT/STD.PKG-KG	CAT #	STD. PKG.	WT/STD.PKG-KG	
TERMINAL TYPE		KUT 2.5N	100	0.90	KUT 4N	100	1.15	KUT 6N	50	0.80	
END PLATE 		KPXN	100	0.31	KPXN	100	0.31	KPXN	100	0.31	
PARTITION PLATE WITHOUT FOOT 		-	-	-	-	-	-	-	-	-	
PARTITION PLATE WITH FOOT 		KNBF 2.5/10	100	0.60	KNBF 2.5/10	100	0.60	KNBF 2.5/10	100	0.60	
SUPPORT FOR PROTECTION COVER 		UHDD	100	0.80	UHDD	100	0.80	UHDD	100	0.80	
PROTECTION COVER 		PCK 3	100	7.00	PCK 3	100	7.00	PCK 3	100	7.00	
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	
SHORTING LINK ASSEMBLY		- 2 WAY	CCLK 2.5 - 2W	100	0.27	CCLA4N-2 Way	100	0.32	CCLA6 - 2W	100	0.58
		- 3 WAY	CCLK 2.5 - 3W	100	0.41	CCLA4N-3 Way	100	0.46	CCLA6 - 3W	100	0.86
		- 4 WAY	CCLK 2.5 - 4W	50	0.26	CCLA4N-4 Way	50	0.31	CCLA6 - 4W	50	0.58
    		- 5 WAY	CCLK 2.5 - 5W	50	0.33	CCLA4N-5 Way	50	0.38	CCLA6 - 5W	50	0.71
		- 10 WAY	CCLK 2.5 - 10W	25	0.33	CCLA4N-10 Way	25	0.38	CCLA6 - 10W	25	0.72
PERMANENT SHORTING LINK		- 2 WAY	-	-	-	-	-	-	-	-	
		- 3 WAY	-	-	-	-	-	-	-	-	
		- 4 WAY	-	-	-	-	-	-	-	-	
    		- 5 WAY	-	-	-	-	-	-	-	-	
		- 10 WAY	-	-	-	-	-	-	-	-	
STUD FOR PERMANENT SHORTING LINK 		-	-	-	-	-	-	-	-	-	
COMB LINK		- 2 WAY	-	-	SLC4N - 2W	100	0.20	SLC6-2W	100	0.27	
		- 3 WAY	-	-	SLC4N - 3W	100	0.30	SLC6-3W	100	0.43	
		- 4 WAY	-	-	SLC4N - 4W	100	0.40	SLC6-4W	100	0.59	
        		- 5 WAY	-	-	SLC4N - 5W	50	0.25	SLC6-5W	50	0.36	
		- 10 WAY	-	-	SLC4N - 10W	50	0.50	SLC6-10W	50	0.75	
REMOVABLE SHORTING LINK 		RSL 2.5N	100	0.05	RSLDD	100	0.06	RSL 6	100	0.06	
STUD FOR REMOVABLE SHORTING LINK 		LSR 2.5N	100	0.30	LSR 6N	100	0.65	LSR 6N	100	0.65	
MARKING LABEL		Label KN 5	100 strips	0.08	Label KN 5.5	100 strips	0.08	Label KN 8	100 strips	0.12	
WARNING LABEL		-	-	-	-	-	-	-	-	-	
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:	 GREY, KHAKHI	KUT 2.5N(G), KUT 2.5N(K)			KUT 4N(G), KUT 4N(K)			KUT 6N(G), KUT 6N(K)			
	 RED, YELLOW, BLUE	KUT 2.5N(R), KUT 2.5N(Y), KUT 2.5N(B)			KUT 4N(R), KUT 4N(Y), KUT 4N(B)			KUT 6N(R), KUT 6N(Y), KUT 6N(B)			
	 BLACK, GREEN	KUT 2.5N(BL), KUT 2.5N(GR)			KUT 4N(BL), KUT 4N(GR)			KUT 6N(BL), KUT 6N(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	

FEED THROUGH TERMINALS (KUT-N Series)

[illegible]

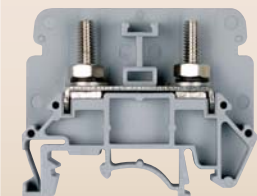
While standard Screw-Clamp or Spring Clamp terminal blocks are designed for direct connection of conductors, (solid, stranded, flexible), simply after stripping the insulation, there are other wiring practices and applications where conductors have to be provided with ring type or fork types lugs, for more secured connections. **elmex** has developed a whole range of Stud type terminal blocks with connection possibility from 0.5 sq mm to 35 sq mm, which accept ring/fork type lugged cables. These are available both in Polyamide 6.6 and in Melamine Housings.

For Stud Type terminals CAT & KAT, studs have special long nuts, with slot at the top, so that the nuts can be operated using screwdrivers. This facility of using screw-driver is very useful where space-constraints may not allow use of standard spanner for tightening. These nuts also serve as test sockets, in which pins of test wires can be plugged. For stud Type terminals CBT & KBT, standard nuts are provided on the studs (nut driver operated) for securing the lugged conductors. These Stud Type terminals Blocks are used with protective transparent covers, which enclose the live parts, as protection against accidental contact. Such covers can be provided for a stack of stud terminals.

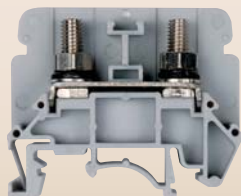
DESCRIPTION		KAT M3		KAT M4		KAT M5	
TERMINAL PITCH		8.5 mm (0.33 Inch)		13 mm (0.51 Inch)		13mm (0.51 Inch)	
HEIGHT x WIDTH in mm (Inch)		41.4 x 50 (1.63 x 1.97)		41.4 x 50 (1.63 x 1.97)		41.4 x 50 (1.63 x 1.97)	
RATED CROSS SECTION		2.5 sq mm		10 sq mm		16 sq mm	
CONNECTION	Flexible	0.5 sq mm - 2.5 sq mm		0.5 sq mm - 10 sq mm		0.5 sq mm - 16 sq mm	
POSSIBILITY	Rigid	0.5 sq mm - 2.5 sq mm		0.5 sq mm - 10 sq mm		0.5 sq mm - 16 sq mm	
WIRE STRIPPING LENGTH		-		-		-	
TYPE OF CONNECTION		2 screw flat connection for ring/fork lugs		2 screw flat connection for ring/fork lugs		2 screw flat connection for ring/fork lugs	
RATINGS	IEC 60947-7-1  	800 V/24 A/2.5 sq mm/0.5 Nm 600 V/25 A/12-22W ² /7 LbIn		1000 V/57 A/10 sq mm/1.2 Nm 600 V/50 A/8-14 AWG/11 Lbln		800 V/76 A/16 sq mm/2 Nm 600 V/65 A/6-14 AWG/18 Lbln	
SCREW SIZE		M3		M4		M5	
							
		 		  		  	
		CAT #	STD. PKG.	WT/STD.PKG-KG	CAT #	STD. PKG.	WT/STD.PKG-KG
TERMINAL TYPE		KATM3	100	1.25	KATM4	50	1.15
END PLATE		KPS4	100	0.34	KPS4	100	0.34
PARTITION PLATE WITH FOOT		KBXF	100	0.54	KBXF	100	0.54
END CLAMPS		SCKN	100	0.80	SCKN	100	0.80
		SCUN	100	0.94	SCUN	100	0.94
		SCUSL	50	0.63	SCUSL	50	0.63
		SCUDD	50	0.64	SCUDD	50	0.64
COMB LINK		..	..	..	ASL2-2 WAY	100	0.31
		..	..	..	ASL2-3 WAY	100	0.46
		..	..	..	ASL2-4 WAY	100	0.61
		..	..	..	ASL2-5 WAY	100	0.76
		..	..	..	ASL2-10 WAY	50	0.76
		KSL3-10 Way	50	0.55	ASL2-10 WAY	50	0.76
MARKING LABEL		Label KN 5.5	100 Strips	0.08	Label KN 5.5	100 Strips	0.08
GROUP MARKING CARRIER		SCKNMLH	50	0.55	SCKNMLH	50	0.55
		SCUNMLH	50	0.60	SCUNMLH	50	0.60
PROTECTIVE COVER		..	..	..	PCCM26	100	0.40
		..	..	..	PCCM39	100	0.55
		..	..	..	PCC3	100	3.60
COLOUR:		 GREY, KHAKHI  RED, YELLOW, BLUE  BLACK, GREEN		KATM3(G), KATM3(K) KATM3(R), KATM3(Y), KATM3(B) KATM3(BL), KATM3(GR)	 KATM4(G), KATM4(K)  KATM4(R), KATM4(Y), KATM4(B)  KATM4(BL), KATM4(GR)		KATM5(G), KATM5(K) KATM5(R), KATM5(Y), KATM5(B) KATM5(BL), KATM5(GR)
MOUNTING CHANNEL		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	11/17/34	CHK 3/5/10	100/100/100	11/17/34
		CHKDS 10	50	34.50	CHKDS 10	50	34.50

STUD TYPE TERMINALS

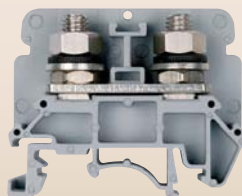
KBT M4	KBT M5-15	KBT M6
13mm (0.51 Inch)	15 mm (0.59 Inch)	17 mm (0.67 Inch)
41.4 x 50 (1.63 x 1.97)	41.4 x 50 (1.63 x 1.97)	41.4 x 50 (1.63 x 1.97)
10 sq mm	16 sq mm	25 sq mm
0.5 sq mm - 10 sq mm	0.5 sq mm - 16 sq mm	6 sq mm - 25 sq mm
0.5 sq mm - 10 sq mm	0.5 sq mm - 16 sq mm	6 sq mm - 25 sq mm
-	-	-
2 nut connection for ring/fork lugs	2 nut connection for ring/fork lugs	2 nut connection for ring/fork lugs
1000 V/57 A/10 sq mm/1.2 Nm 600 V/50 A/8-14 AWG/11 Lbln	800 V/76 A/16 sq mm/2 Nm -	800 V/101 A/25 sq mm/2.5 Nm 600 V/85 A/4-14 AWG/25 Lbln
M4	M5	M6



CAT #	STD. PKG.	WT/STD.PKG-KG
KBTM4	50	0.93
KPS4	100	0.34
KBXF	100	0.54
SCKN	100	0.80
SCUN	100	0.94
SCUSL	50	0.63
SCUDD	50	0.64
ASL2-2 WAY	100	0.31
ASL2-3 WAY	100	0.46
ASL2-4 WAY	100	0.61
ASL2-5 WAY	100	0.76
ASL2-10 WAY	50	0.76
Label KN 5.5	100 Strips	0.08
SCKNMLH	50	0.55
SCUNMLH	50	0.60
PCCM26	100	0.40
PCCM39	100	0.55
PCC3	100	3.60
KBTM4(G), KBTM4(K) KBTM4(R), KBTM4(Y), KBTM4(B) KBTM4(BL), KBTM4(GR)		
CHS 3/5/10	100/100/50	22/37/36
CHK 3/5/10	100/100/100	11/19/36
CHKS 3/5/10	100/100/100	11/17/34
CHKDS 10	50	34.50



CAT #	STD. PKG.	WT/STD.PKG-KG
KBTM5-15	50	1.10
KPS4	100	0.34
KBXF	100	0.54
SCKN	100	0.80
SCUN	100	0.94
SCUSL	50	0.63
SCUDD	50	0.64
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--	--	--
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--	--	--
--	--	--
Label KN 5.5	100 Strips	0.08
SCKNMLH	50	0.55
SCUNMLH	50	0.60
PCCM30	100	0.45
PCCM45	100	0.58
PCC3	100	3.60
KBTM5-15(G), KBTM5-15(K) KBTM5-15(R), KBTM5-15(Y), KBTM5-15(B) KBTM5-15(BL), KBTM5-15(GR)		
CHS 3/5/10	100/100/50	22/37/36
CHK 3/5/10	100/100/100	11/19/36
CHKS 3/5/10	100/100/100	11/17/34
CHKDS 10	50	34.50



CAT #	STD. PKG.	WT/STD.PKG-KG
KBTM6	50	1.40
KPS4	100	0.34
KBXF	100	0.54
SCKN	100	0.80
SCUN	100	0.94
SCUSL	50	0.63
SCUDD	50	0.64
--	--	--
--	--	--
--	--	--
--	--	--
--	--	--
Label KN 5.5	100 Strips	0.08
SCKNMLH	50	0.55
SCUNMLH	50	0.60
--	--	--
--	--	--
PCC3	100	3.60
KBTM6(G), KBTM6(K) KBTM6(R), KBTM6(Y), KBTM6(B) KBTM6(BL), KBTM6(GR)		
CHS 3/5/10	100/100/50	22/37/36
CHK 3/5/10	100/100/100	11/19/36
CHKS 3/5/10	100/100/100	11/17/34
CHKDS 10	50	34.50



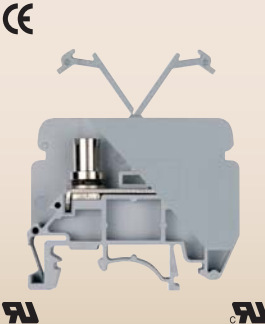
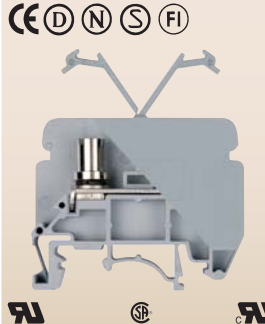
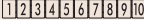
STUD TYPE TERMINALS (Shrouded)

These are the same group of Stud Type Terminals, however, they have their own hinged individual protective covers, which are lifted up for connection and closed down after conductors are connected. This design makes them totally finger proof, enhancing total safety.

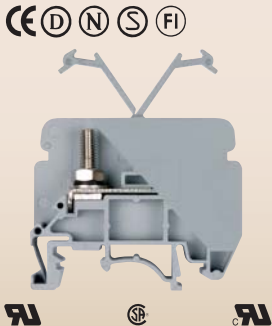
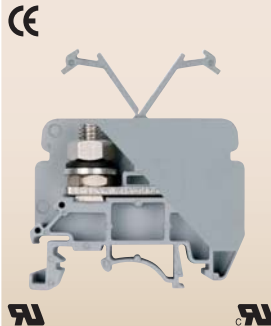
FINGER PROOF



RING TYPE LUG

DESCRIPTION		KAT M3C		KAT M4C		KAT M5C	
TERMINAL PITCH		8.5 mm (0.33 Inch)		13 mm (0.51 Inch)		13 mm (0.51 Inch)	
HEIGHT x WIDTH in mm (Inch)		41.4 x 50 (1.63 x 1.97)		41.4 x 50 (1.63 x 1.97)		41.4 x 50 (1.63 x 1.97)	
RATED CROSS SECTION		2.5 sq mm		10 sq mm		16 sq mm	
CONNECTION	Flexible	0.5 sq mm - 2.5 sq mm		0.5 sq mm - 10 sq mm		0.5 sq mm - 16 sq mm	
POSSIBILITY	Rigid	0.5 sq mm - 2.5 sq mm		0.5 sq mm - 10 sq mm		0.5 sq mm - 16 sq mm	
WIRE STRIPPING LENGTH		-		-		-	
TYPE OF CONNECTION		2 screw flat connection for ring/fork lugs		2 screw flat connection for ring/fork lugs		2 screw flat connection for ring/fork lugs	
RATINGS	IEC 60947-7-1  	800 V/24 A/2.5 sq mm/0.5 Nm 600 V/25 A/12-22W ² /7 LbIn		1000 V/57 A/10 sq mm/1.2 Nm 600 V/50 A/8-14 AWG/11 Lbln		800 V/76 A/16 sq mm/2 Nm 600 V/65 A/6-14 AWG/18 Lbln	
SCREW SIZE		M3		M4		M5	
							
		CAT #	STD. PKG.	WT/STD.PKG-KG	CAT #	STD. PKG.	WT/STD.PKG-KG
TERMINAL TYPE		KATM3C	100	1.50	KATM4C	50	1.35
END PLATE 		Not Required		Not Required		Not Required	
PARTITION PLATE WITH FOOT 		KBXF	100	0.54	KBXF	100	0.54
END CLAMPS		SCKN	100	0.80	SCKN	100	0.80
		SCUN	100	0.94	SCUN	100	0.94
		SCUSL	50	0.63	SCUSL	50	0.63
		SCUDD	50	0.64	SCUDD	50	0.64
COMB LINK		..	..	..	ASL2-2 WAY	100	0.31
		..	..	..	ASL2-3 WAY	100	0.46
		..	..	..	ASL2-4 WAY	100	0.61
		..	..	..	ASL2-5 WAY	100	0.76
		..	..	..	ASL2-10 WAY	50	0.76
MARKING LABEL 		Label KN 5.5	100 Strips	0.08	Label KN 5.5	100 Strips	0.08
GROUP MARKING CARRIER 		SCKNMLH	50	0.55	SCKNMLH	50	0.55
		SCUNMLH	50	0.60	SCUNMLH	50	0.60
PROTECTIVE COVER 		..	..	..	..	..	..
		..	..	..	..	..	..
		..	..	..	..	..	..
COLOUR:   GREY, KHAKHI		KATM3C(G), KATM3C(K)		KATM4C(G), KATM4C(K)		KATM5C(G), KATM5C(K)	
  RED, YELLOW, BLUE		KATM3C(R), KATM3C(Y), KATM3C(B)		KATM4C(R), KATM4C(Y), KATM4C(B)		KATM5C(R), KATM5C(Y), KATM5C(B)	
  BLACK, GREEN		KATM3C(BL), KATM3C(GR)		KATM4C(BL), KATM4C(GR)		KATM5C(BL), KATM5C(GR)	
MOUNTING CHANNEL		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
		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

STUD TYPE TERMINALS (Shrouded)

KBT M4C	KBT M5C-15	KBT M6C	OAT 2.5	OAT 6
13mm (0.51 Inch)	15mm (0.59 Inch)	17 mm (0.67 Inch)	9.0 mm (0.35 Inch)	11.0 mm (0.43 Inch)
41.4 x 50 (1.63 x 1.97)	41.4 x 50 (1.63 x 1.97)	41.4 x 50 (1.63 x 1.97)	43.5 x 45.2 (1.71 x 1.78)	43.5x51 (1.71 x 2.02)
10 sq mm	16 sq mm	25 sq mm	2.5 sq mm	6 sq mm
0.5 sq mm - 10 sq mm	0.5 sq mm - 16 sq mm	6 sq mm - 25 sq mm	0.5 sq mm - 2.5 sq mm	0.5 sq mm - 6 sq mm
0.5 sq mm - 10 sq mm	0.5 sq mm - 16 sq mm	6 sq mm - 25 sq mm	0.5 sq mm - 2.5 sq mm	0.5 sq mm - 6 sq mm
-	-	-	-	-
2 nut connection for ring/fork lugs	2 nut connection for ring/fork lugs	2 nut connection for ring/fork lugs	2 screw flat connection ring/fork type lugs	2 screw flat connection ring/fork type lugs
1000 V/57 A/10 sq mm/1.2 Nm 600 V/50 A/8-14 AWG/11 Lbln	800 V/76 A/16 sq mm/2 Nm -	800 V/101 A/25 sq mm/2.5 Nm 600 V/85 A/4-14 AWG/25 Lbln	800 V/24 A/2.5 sq mm/1.5 Nm -	800 V/41 A/6 sq mm/1.5 Nm -
M4	M5	M6	M3	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
KBTM4C 50 1.25	KBTM5C-15 50 1.35	KBTM6C 50 1.40	OAT 2.5 50 1.50	OAT 6 100 1.70
Not Required	Not Required	Not Required	OEP 2.5 100 0.27	OEP 6 100 0.28
KBXF 100 0.54	KBXF 100 0.54	KBXF 100 0.54	-- -- --	-- -- --
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
ASL2-2 WAY 100 0.31	-- -- --	-- -- --	OSL 2.5-2 WAY 100 0.20	OSL 6-2 WAY 100 0.20
ASL2-3 WAY 100 0.46	-- -- --	-- -- --	OSL 2.5-3 WAY 100 0.30	OSL 6-3 WAY 100 0.30
ASL2-4 WAY 100 0.61	-- -- --	-- -- --	OSL 2.5-4 WAY 100 0.40	OSL 6-4 WAY 100 0.40
ASL2-5 WAY 100 0.76	-- -- --	-- -- --	OSL 2.5-5 WAY 50 0.25	OSL 6-5 WAY 50 0.25
ASL2-10 WAY 50 0.76	-- -- --	-- -- --	OSL 2.5-10 WAY 50 0.50	OSL 6-10 WAY 50 0.50
Label KN 5.5 100 Strips 0.08	Label KN 5.5 100 Strips 0.08	Label KN 5.5 100 Strips 0.08	Label KN 8 100 Strips 0.12	Label KN 9 100 Strips 0.13
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
-- -- --	-- -- --	-- -- --	PCK3 100 7.00	PCK3 100 7.00
-- -- --	-- -- --	-- -- --	-- -- --	-- -- --
-- -- --	-- -- --	-- -- --	-- -- --	-- -- --
KBTM4C(G), KBTM4C(K) KBTM4C(R), KBTM4C(Y), KBTM4C(B) KBTM4C(BL), KBTM4C(GR)	KBTM5C(G), KBTM5C(K) KBTM5C(R), KBTM5C(Y), KBTM5C(B) KBTM5C(BL), KBTM5C(GR)	KBTM6C(G), KBTM6C(K) KBTM6C(R), KBTM6C(Y), KBTM6C(B) KBTM6C(BL), KBTM6C(GR)	OAT 2.5 (G), OAT 2.5 (K) OAT 2.5 (R), OAT 2.5 (Y), OAT 2.5 (B) OAT 2.5 (BL), OAT 2.5 (GR)	OAT 6 (G), OAT 6 (K) OAT 6 (R), OAT 6 (Y), OAT 6 (B) OAT 6 (BL), OAT 6 (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

As an innovative solution, *elmex* has developed stud terminals **OAT 2.5** and **OAT 6**. These terminals are provided with hinged covers within which the nuts remain captive. When the covers are opened up, carrying the captive nuts, the threaded bolts of the terminals are ready to receive the conductor prepared using ring/fork type lugs crimped with the conductor. When the covers are closed, the captive nut positions itself on the threaded bolt. The nuts are then tightened with a screw driver, to establish connections. The covers fully shroud the live metal parts and the insulated lug in the conductor clamping area, ensuring safety against electric shock hazard.

Since the nuts are captive in the hinged covers, (i.e. no need to open them up), this type of construction facilitates quick and convenient way of making connections.

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.

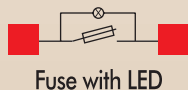
A solid brass link type **DL4** in place of the fuse, makes it possible to use it as a Disconnecting type Terminal Block.

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

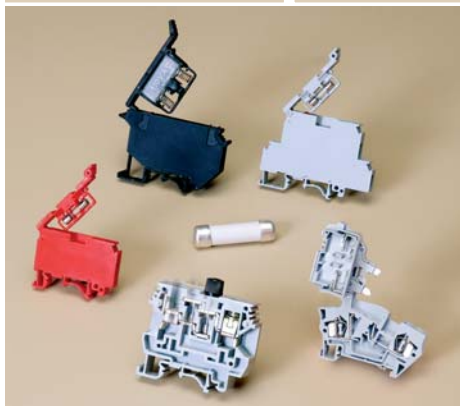


Fuse with LED



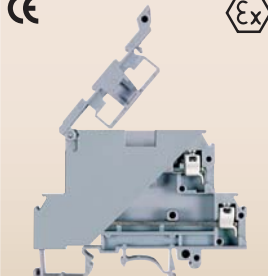
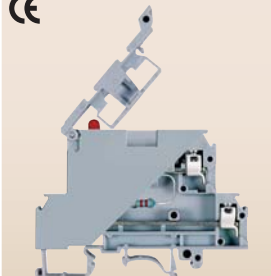
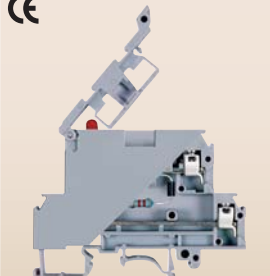
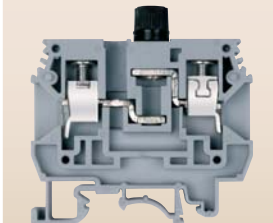
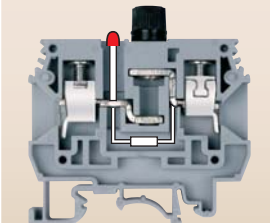
Fuse Feed Through

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 600 V/7 A/12-20 AWG/6 Lbln	800 V/6.3 A/4 sq mm/0.4 Nm 600 V/7 A/12-20 AWG/6 Lbln
SCREW SIZE		M3	M3	M3
				
TERMINAL TYPE		CAT # STD. PKG. WT/STD.PKG-KG	CAT # STD. PKG. WT/STD.PKG-KG	CAT # STD. PKG. WT/STD.PKG-KG
END PLATE		KUDF 4 100 1.36	KUDF 4D 100 1.39	KUDF 4A 100 1.42
PARTITION PLATE WITH FOOT		Not Required	Not Required	Not Required
END CLAMPS		KBZF 100 0.75	KBZF 100 0.75	KBZF 100 0.75
		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		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
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:		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

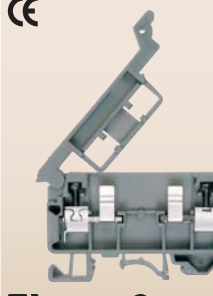
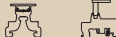
*AVAILABLE SIGNAL VOLTAGE
 KUDF4A1 = 110 VAC
 KUDF4A2 = 220 VAC

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
KUDDF 4	50	1.13	KUDDF 4D	50	1.14	KUDDF 4A	50	1.15	KUF10	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
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
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
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
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
KUDDF4(G), KUDDF4(K)			KUDDF4D(G), KUDDF4D(K)			KUDDF4A(G), KUDDF4A(K)			KUF10(G), KUF10(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)		
KUDDF4(BL), KUDDF4(GR)			KUDDF4D(BL), KUDDF4D(GR)			KUDDF4A(BL), KUDDF4A(GR)			KUF10(BL), KUF10(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
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
CHKDS 10	50	34.50	CHKDS 10	50	34.50	CHKDS 10	50	34.50	CHKDS 10	50	34.50

*AVAILABLE SIGNAL VOLTAGE
KUDDF4D1 = 24 VDC
KUDDF4D2 = 48 VDC
KUDDF4D3 = 110 VDC
KUDDF4D4 = 220 VDC
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

DESCRIPTION		KUF 10A*	KUFH 4	KUFH 4D*	KUFH 4A*								
TERMINAL PITCH		12 mm (0.47 Inch)	9 mm (0.35 Inch)	9 mm (0.35 Inch)	9 mm (0.35 Inch)								
HEIGHT x WIDTH in mm (Inch)		55.75 x 66 (2.19 x 2.59)	53.5 x 77.75 (2.10 x 3.06)	53.5 x 77.75 (2.10 x 3.06)	53.5 x 77.75 (2.10 x 3.06)								
RATED CROSS SECTION		10 sq mm	4 sq mm	4 sq mm	4 sq mm								
CONNECTION	Flexible	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								
POSSIBILITY	Rigid	0.5 sq mm - 10 sq mm	0.5 sq mm - 6 sq mm	0.5 sq mm - 6 sq mm	0.5 sq mm - 6 sq mm								
WIRE STRIPPING LENGTH		10 mm	12 mm	12 mm	12 mm								
TYPE OF CONNECTION		2 screw clamp	2 screw clamp	2 screw clamp	2 screw clamp								
RATINGS		IEC 60947-7-1											
		 											
		1000 V/12 A/10 sq mm/1.4 Nm 600 V/12 A/6-18 AWG/12 Lbln	800 V/12 A/4 sq mm/0.5 Nm 600 V/12 A/10-24 AWG/8 Lbln	800 V/12 A/4 sq mm/0.5 Nm 600 V/12 A/10-24 AWG/8 Lbln	800 V/12 A/4 sq mm/0.5 Nm 600 V/12 A/10-24 AWG/8 Lbln								
SCREW SIZE		M4	M3	M3	M3								
													
		  	  	  	  								
TERMINAL TYPE		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
END PLATE 		KUF10A	50	2.10	KUFH4	50	1.30	KUFH4D	50	1.30	KUFH4A	50	1.30
PARTITION PLATE WITH FOOT 		KBZF	100	0.75	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	SCKN	100	0.80
		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
		SCUDD	50	0.64	SCUDD	50	0.64	SCUDD	50	0.64	SCUDD	50	0.64
COMB LINK		--	--	--	--	--	--	--	--	--	--	--	--
 - 2 WAY		--	--	--	--	--	--	--	--	--	--	--	--
 - 3 WAY		--	--	--	--	--	--	--	--	--	--	--	--
 - 4 WAY		--	--	--	--	--	--	--	--	--	--	--	--
 - 5 WAY		--	--	--	--	--	--	--	--	--	--	--	--
 - 10 WAY		--	--	--	--	--	--	--	--	--	--	--	--
MARKING LABEL 		Label KN 10	100 Strips	0.15	Label KN 9	100 Strips	0.13	Label KN 9	100 Strips	0.13	Label KN 9	100 Strips	0.13
GROUP MARKING CARRIER 		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
COLOUR:		  GREY, KHAKHI	KUF10A(G), KUF10A(K)		  KUFH4(G), KUFH4(K)	KUFH4D(G), KUFH4D(K)		  KUFH4A(G), KUFH4A(K)					
  RED, YELLOW, BLUE		KUF10A(R), KUF10A(Y), KUF10A(B)		  KUFH4(R), KUFH4(Y), KUFH4(B)	  KUFH4D(R), KUFH4D(Y), KUFH4D(B)		  KUFH4A(R), KUFH4A(Y), KUFH4A(B)						
  BLACK, GREEN		KUF10A(BL), KUF10A(GR)		  KUFH4(BL), KUFH4(GR)	  KUFH4D(BL), KUFH4D(GR)		  KUFH4A(BL), KUFH4A(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	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	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
		CHKDS 10	50	34.50	CHKDS 10	50	34.50	CHKDS 10	50	34.50	CHKDS 10	50	34.50

*AVAILABLE SIGNAL VOLTAGE
KUF10A1 = 110 VAC
KUF10A2 = 220 VAC

*AVAILABLE SIGNAL VOLTAGE
KUFH4D1 = 24 VDC
KUFH4D2 = 48 VDC
KUFH4D3 = 110 VDC
KUFH4D4 = 220 VDC
KUFH4D5 = 12 VDC

*AVAILABLE SIGNAL VOLTAGE
KUFH4A1 = 110 VAC
KUFH4A2 = 220 VAC

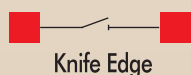
Certain applications in control and measurement circuits necessitate locating operating faults quickly without disconnecting the conductors. **elmex** offers a range of Disconnecting Type Terminal Blocks which can be used to disconnect the continuity without actually removing the wires.

KULTD4: This Terminal Block finds special application in Control & Instrumentation industry. The hinged knife edge lever can be easily pushed open to simulate faulty conditions. The Copper link and Brass Contacts are tin-plated offering low contact resistance.

KUTSD 6/KUTD 10: These Terminal Blocks mainly find applications in secondary Circuit of C.T., Relay Panels etc. A clearly visible Sliding Link is used for disconnection. The link can be moved to one side by unscrewing. The tightening of the screw prevents it from sliding back. The 4 mm diameter nut assembly can be used as test sockets.

KUTSD6 offers feature of shorting to adjacent terminals using an internal removable shorting link, useful in SCADA applications.

DISCONNECTING



Knife Edge



Sliding Link

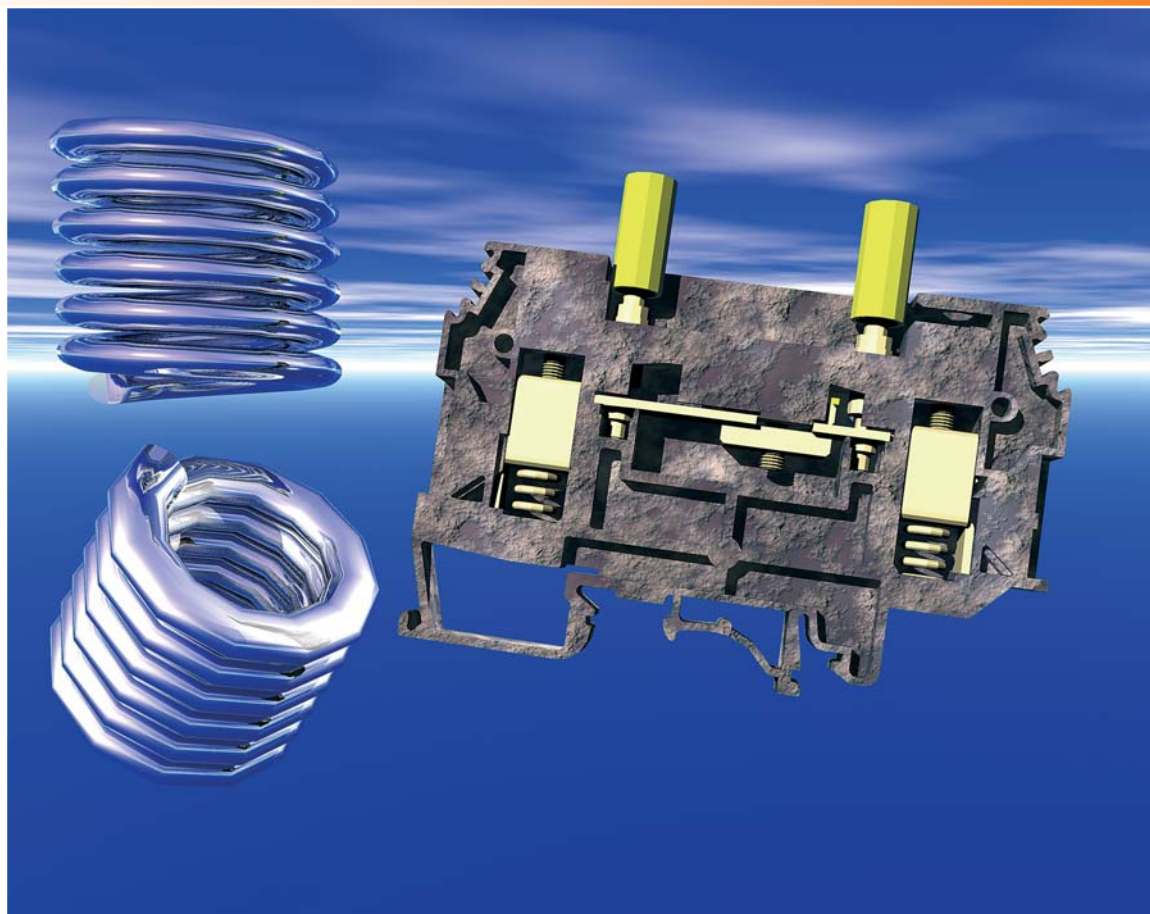
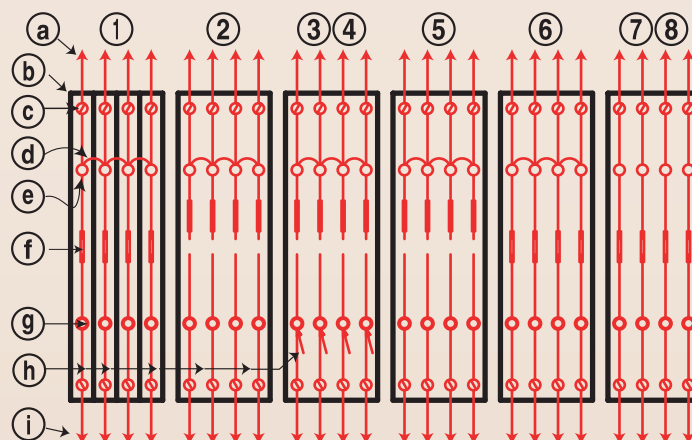
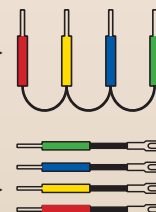


DIAGRAM SHOWING PRINCIPLE OF APPLICATION

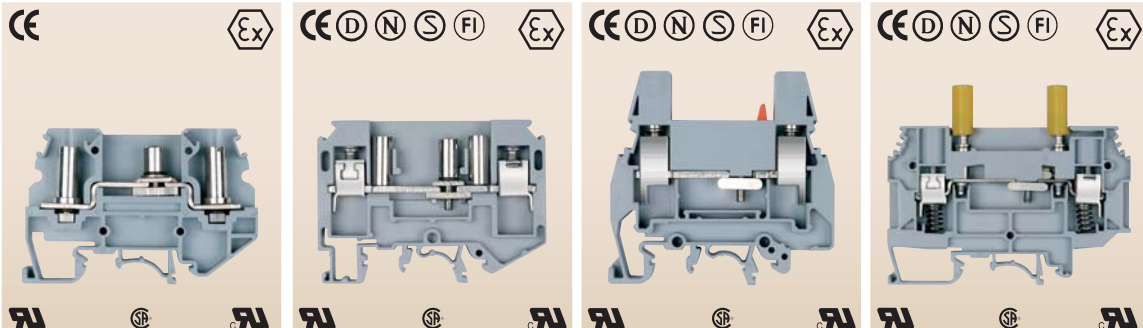
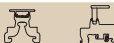


1-8 Sequence of operations for testing relays and meters

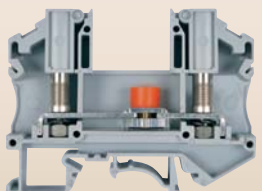
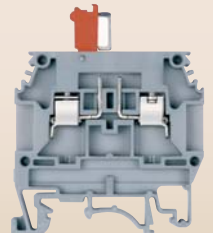
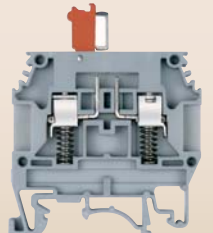
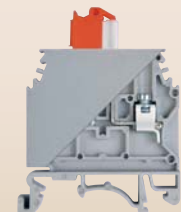
- a Wiring from CT secondary
- b 4 nos. **elmex** Disconnecting Type Terminals
- c **elmex** Screw Clamp Termination
- d Shorting Cord for CT-Sec Shorting
- e Hollow Round Nuts (CT Side)
- f Sliding Links
- g As in "e" but Relay's side
- h Current Source Test Cords
- i Wiring from Relays/Meters
- d example of **elmex** shorting Link type SLD6 - 4 way for KULTD 6

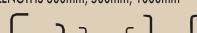


DISCONNECTING TERMINALS (Sliding Link)

DESCRIPTION		KLTD M4			KUTSD 6			KUTD 10			KULTD 6					
TERMINAL PITCH		12 mm (0.47 Inch)			8 mm (0.31 inch)			8 mm (0.31 inch)			8 mm (0.31 Inch)					
HEIGHT x WIDTH in mm (Inch)		49.5 x 72.75 (1.94 x 2.86)			47 x 65 (1.85 x 2.56)			57.5 x 61 (2.26 x 2.4)			56 x 85.5 (2.20 x 3.35)					
RATED CROSS SECTION		2 x 6 sq mm			6 sq mm			10 sq mm			6 sq mm					
CONNECTION	Flexible	0.5 sq mm - 6 sq mm			0.5 sq mm- 6 sq mm			1.5 sq mm - 10 sq mm			0.5 sq mm - 6 sq mm					
POSSIBILITY	Rigid	0.5 sq mm - 6 sq mm			0.5 sq mm- 10 sq mm			1.5 sq mm - 16 sq mm			0.5 sq mm - 10 sq mm					
WIRE STRIPPING LENGTH		12 mm			12 mm			11 mm			12 mm					
TYPE OF CONNECTION		2 Screw Driver operated Studs cum Sockets for ring/fork type lugs			2 screw clamp & 2 sockets for inserting test probe			2 screw clamp cum sockets for inserting test probe			2 screw clamp & 2 sockets for inserting test probe					
RATINGS		IEC 60947-7-1 			800 V/41 A/6 sq mm/2 Nm 600 V/50 A/6-14 AWG/11 Lbln			800 V/38 A/6 sq mm/1.4 Nm 600 V/35 A/8-20 AWG/12 Lbln			630 V/61 A/10 sq mm/1.2 Nm 600 V/65 A/6-10 AWG/13 Lbln			800 V/32 A/6 sq mm/1.0 Nm 600 V/35 A/8-24 AWG/10 Lbln		
SCREW SIZE		M4			M3.5			M4			M3.5					
		  			  			  			  					
		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			
TERMINAL TYPE		KLTD M4	50	1.95	KUTSD 6	50	1.58	KUTD 10	100	3.07	KULTD 6	50	2.10			
END PLATE 		KPLD4	100	0.50	KPSD	100	0.55	KPTD	100	0.69	KPSLD	100	0.72			
PARTITION PLATE WITH FOOT 		--	--	--	--	--	--	--	--	--	--	--	--			
SUPPORT FOR PROTECTION COVER 		--	--	--	--	--	--	--	--	--	--	--	--			
PROTECTION COVER 		--	--	--	--	--	--	--	--	--	--	--	--			
END CLAMPS		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			
		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			
COMB LINK		KDSL4 - 2 Way	100	0.31	SLC 6 - 2W	100	0.27	KDSL - 2W	100	0.28	SLD6-2W	100	0.32			
- 3 WAY		KDSL4 - 3 Way	100	0.46	SLC 6 - 3W	100	0.43	KDSL - 3W	100	0.40	--	--	--			
- 4 WAY		KDSL4 - 4 Way	100	0.61	SLC 6 - 4W	100	0.59	KDSL - 4W	100	0.55	SLD6-4W	100	0.54			
- 5 WAY		KDSL4 - 5 Way	100	0.76	SLC 6 - 5W	50	0.36	KDSL - 5W	50	0.35	--	--	--			
- 10 WAY		KDSL4 - 10 Way	50	0.76	SLC 6 - 10W	50	0.75	KDSL - 10W	50	0.70	--	--	--			
MARKING LABEL 		Label KN 5.5	100 Strips	0.08	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	SCKNMLH	50	0.55			
		SCUNMLH	50	0.60	SCUNMLH	50	0.60	SCUNMLH	50	0.60	SCUNMLH	50	0.60			
COLOUR:  GREY, KHAKHI  RED, YELLOW, BLUE  BLACK, GREEN		KLTD M4(G), KLTD M4(K) KLTD M4(R), KLTD M4(Y), KLTD M4(B) KLTD M4(BL), KLTD M4(GR)			KUTSD 6(G), KUTSD 6(K) KUTSD 6(R), KUTSD 6(Y), KUTSD 6(B) KUTSD 6(BL), KUTSD 6(GR)			KUTD10(G), KUTD10(K) KUTD10(R), KUTD10(Y), KUTD10(B) KUTD10(BL), KUTD10(GR)			KULTD 6(G), KULTD 6(K) KULTD 6(R), KULTD 6(Y), KULTD 6(B) KULTD 6(BL), KULTD 6(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	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	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			
		CHKDS 10	50	34.50	CHKDS 10	50	34.50	CHKDS 10	50	34.50	CHKDS 10	50	34.50			

DISCONNECTING TERMINALS (Knife Edge)

OAT 6T	KULTD 4	KULTD 4WS	KUDT 4	
11.0 mm (0.43 in)	6 mm (0.24 Inch)	6 mm (0.24 Inch)	6.5 mm (0.26 inch)	
51 x 69.5 (2.0 x 2.7)	51 x 52 (2.00 x 2.05)	51 x 52 (2.00 x 2.05)	45 x 44 (1.77 x 1.7)	
6 sq mm	4 sq mm	4 sq mm	2.5 sq mm	
0.5 sq mm - 6 sq mm	0.5 sq mm - 4 sq mm	0.5 sq mm - 4 sq mm	0.5 sq mm - 2.5 sq mm	
0.5 sq mm - 6 sq mm	0.5 sq mm - 4 sq mm	0.5 sq mm - 4 sq mm	0.5 sq mm - 4 sq mm	
-	8 mm	8 mm	8 mm	
2 screw flat connection ring/fork type lugs	2 screw clamp	2 screw clamp	2 screw clamp	
800V/41A/6 sq mm/1.5 Nm	800 V/20 A/4 sq mm/0.6 Nm	800 V/20 A/4 sq mm/0.6 Nm	800 V/15 A/2.5 sq mm/0.4 Nm	
-	600 V/15 A/10-24 AWG/5 Lbln	600 V/15 A/10-24 AWG/5 Lbln	-	
M4	M3	M3	M3	
				
CAT #	CAT #	CAT #	CAT #	
STD. PKG.	STD. PKG.	STD. PKG.	STD. PKG.	
WT/STD. PKG.-KG	WT/STD. PKG.-KG	WT/STD. PKG.-KG	WT/STD. PKG.-KG	
OAT 6T	KULTD4	KULTD4WS	KUDT4	
OEP 6T	KPSD4	KPSD4	Not Required	
KBZF	KBZF	KBZF	KBZF	
UHDD	UHDD	UHDD	UHDD	
PCK	PCK	PCK	PCK	
SCKN	SCKN	SCKN	SCKN	
SCUN	SCUN	SCUN	SCUN	
SCUSL	SCUSL	SCUSL	SCUSL	
SCUDD	SCUDD	SCUDD	SCUDD	
--	SLCM2.5 - 2W	SLCM2.5 - 2W	--	
--	SLCM2.5 - 3W	SLCM2.5 - 3W	--	
--	SLCM2.5 - 4W	SLCM2.5 - 4W	--	
--	SLCM2.5 - 5W	SLCM2.5 - 5W	--	
--	SLCM2.5 - 10W	SLCM2.5 - 10W	--	
Label KN 9	Label KN 5.5	Label KN 5.5	Label KN 6.5	
SCKNMLH	SCKNMLH	SCKNMLH	SCKNMLH	
SCUNMLH	SCUNMLH	SCUNMLH	SCUNMLH	
OAT 6T(G), OAT 6T(K)	KULTD4(G), KULTD4(K)	KULTD4WS(G), KULTD4WS(K)	KUDT4 (G), KUDT4 (K)	
OAT 6T(R), OAT 6T(Y), OAT 6T(B)	KULTD4(R), KULTD4(Y), KULTD4(B)	KULTD4WS(R), KULTD4WS(Y), KULTD4WS(B)	KUDT4 (R), KUDT4 (Y), KUDT4 (B)	
OAT 6T(BL), OAT 6T(GR)	KULTD4(BL), KULTD4(GR)	KULTD4WS(BL), KULTD4WS(GR)	KUDT4 (BL), KUDT4 (GR)	
CHS 3/5/10	CHS 3/5/10	CHS 3/5/10	CHS 3/5/10	
CHK 3/5/10	CHK 3/5/10	CHK 3/5/10	CHK 3/5/10	
CHKS 3/5/10	CHKS 3/5/10	CHKS 3/5/10	CHKS 3/5/10	
CHKDS 10	CHKDS 10	CHKDS 10	CHKDS 10	

DESCRIPTION		KLTD M4 - 2 Way	KUTSD 6 - 2 Way	KUTSD 6 - 7 Way	KUTSD 6 - 10 Way	
TERMINAL PITCH		24 mm (0.94 inch)	16 mm (0.63 inch)	56 mm (2.20 inch)	80 mm (3.15 inch)	
HEIGHT x WIDTH in mm (Inch)		49.5 x 72.75 (1.94 x 2.86)	47 x 65 (1.85 x 2.56)	47 x 65 (1.85 x 2.56)	47 x 65 (1.85 x 2.56)	
RATED CROSS SECTION		2 x 6 sq mm	6 sq mm	6 sq mm	6 sq mm	
CONNECTION	Flexible	0.5 sq mm - 6 sq mm	0.5 sq mm- 6 sq mm	0.5 sq mm- 6 sq mm	0.5 sq mm- 6 sq mm	
POSSIBILITY	Rigid	0.5 sq mm - 6 sq mm	0.5 sq mm- 10 sq mm	0.5 sq mm- 10 sq mm	0.5 sq mm- 10 sq mm	
WIRE STRIPPING LENGTH		12 mm	12 mm	12 mm	12 mm	
TYPE OF CONNECTION		Screw Driver operated Studs cum Sockets for ring/fork type lugs	Screw clamp & Sockets for inserting test probe	Screw clamp & Sockets for inserting test probe	Screw clamp & Sockets for inserting test probe	
RATINGS	IEC 60947-7-1 	800 V/41 A/6 sq mm/2 Nm 600 V/50 A/6-14 AWG/11 Lbln	800 V/38 A/6 sq mm/1.4 Nm 600 V/35 A/8-20 AWG/12 Lbln	800 V/38 A/6 sq mm/1.4 Nm 600 V/35 A/8-20 AWG/12 Lbln	800 V/38 A/6 sq mm/1.4 Nm 600 V/35 A/8-20 AWG/12 Lbln	
SCREW SIZE		M4	M3.5	M3.5	M3.5	
		  	  	  	  	
		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	
TERMINAL TYPE		KLTD M4-2 Way -- --	KUTSD 6-2 Way -- --	KUTSD 6-7 Way -- --	KUTSD 6-10 Way -- --	
END PLATE		KPLD4 100 0.50	KPSD 100 0.55	KPSD 100 0.55	KPSD 100 0.55	
PARTITION PLATE WITH FOOT		-- -- --	-- -- --	-- -- --	-- -- --	
SUPPORT FOR PROTECTION COVER		-- -- --	-- -- --	-- -- --	-- -- --	
PROTECTION COVER		-- -- --	-- -- --	-- -- --	-- -- --	
END CLAMPS		SCKN 100 0.80 SCUN 100 0.94 SCUSL 50 0.63 SCUDD 50 0.64	SCKN 100 0.80 SCUN 100 0.94 SCUSL 50 0.63 SCUDD 50 0.64	SCKN 100 0.80 SCUN 100 0.94 SCUSL 50 0.63 SCUDD 50 0.64	SCKN 100 0.80 SCUN 100 0.94 SCUSL 50 0.63 SCUDD 50 0.64	
COMB LINK	   	- 2 WAY -- -- - 3 WAY -- -- - 4 WAY -- -- - 5 WAY -- -- - 10 WAY -- --	-- -- -- -- -- -- -- -- -- -- -- -- -- -- --	-- -- -- -- -- -- -- -- -- -- -- -- -- -- --	-- -- -- -- -- -- -- -- -- -- -- -- -- -- --	
MARKING LABEL		Label KN 5.5 100 Strips 0.08	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 SCUNMLH 50 0.60	SCKNMLH 50 0.55 SCUNMLH 50 0.60	SCKNMLH 50 0.55 SCUNMLH 50 0.60	SCKNMLH 50 0.55 SCUNMLH 50 0.60	
COLOUR:	 GREY, KHAKHI,  RED, YELLOW, BLUE  BLACK, GREEN	AVAILABLE ON REQUEST IN GREY, KHAKHI, RED, YELLOW, BLUE, BLACK AND GREEN COLOURS				
MOUNTING CHANNEL		CHS 3/5/10 100/100/50 22/37/36 CHK 3/5/10 100/100/100 11/19/36 CHKS 3/5/10 100/100/100 11/17/34 CHKDS 10 50 34.50	CHS 3/5/10 100/100/50 22/37/36 CHK 3/5/10 100/100/100 11/19/36 CHKS 3/5/10 100/100/100 11/17/34 CHKDS 10 50 34.50	CHS 3/5/10 100/100/50 22/37/36 CHK 3/5/10 100/100/100 11/19/36 CHKS 3/5/10 100/100/100 11/17/34 CHKDS 10 50 34.50	CHS 3/5/10 100/100/50 22/37/36 CHK 3/5/10 100/100/100 11/19/36 CHKS 3/5/10 100/100/100 11/17/34 CHKDS 10 50 34.50	
STANDARD LENGTHS 300mm, 500mm, 1000mm						

KULTD 6 - 4 Way

32 mm (1.26 inch)

56 x 85.5 (2.20 x 3.35)

6 sq mm

0.5 sq mm - 6 sq mm

0.5 sq mm - 10 sq mm

12 mm

Screw clamp & Sockets

for inserting test probe

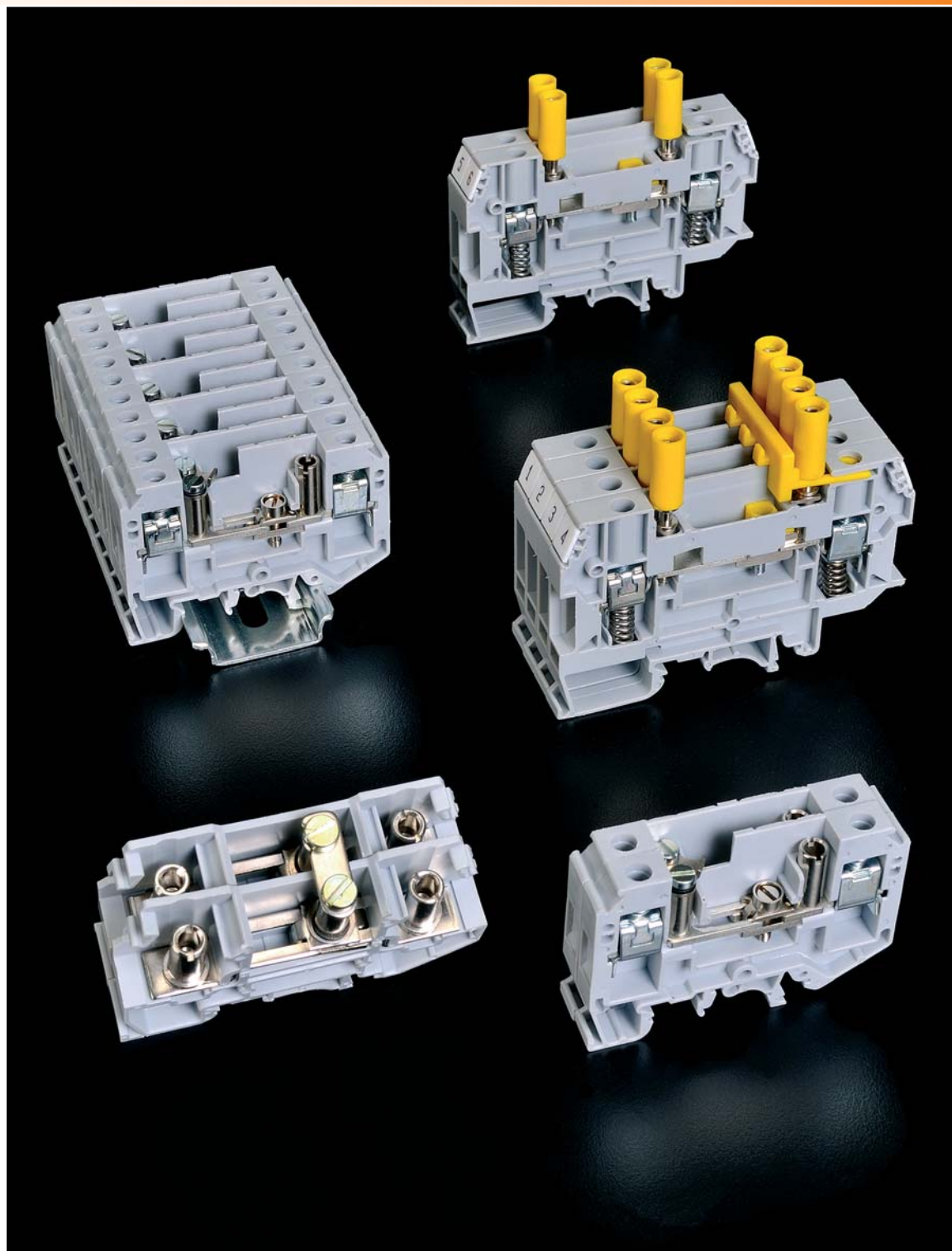
800 V/32 A/6 sq mm/1.0 Nm

600 V/35 A/8-24 AWG/10 Lbln

M3.5



CAT #	STD. PKG.	WT/STD.PKG-KG
KULTD 6-4 Way	--	--
KPLD4	100	0.50
--	--	--
--	--	--
--	--	--
SCKN	100	0.80
SCUN	100	0.94
SCUSL	50	0.63
SCUDD	50	0.64
--	--	--
--	--	--
--	--	--
--	--	--
--	--	--
Label KN 8	100 Strips	0.12
SCKNMLH	50	0.55
SCUNMLH	50	0.60
AVAILABLE ON REQUEST IN GREY, KHAKHI, RED, YELLOW, BLUE, BLACK AND GREEN COLOURS		
CHS 3/5/10	100/100/50	22/37/36
CHK 3/5/10	100/100/100	11/19/36
CHKS 3/5/10	100/100/100	11/17/34
CHKDS 10	50	34.50



elmex offers a wide variety of Power/Bus-bar/High-Current terminals suitable for all types of cables (solid, stranded, with fork type and ring-type lugs) both in Polyamide 6.6 and Melamine housings.

In the Feed Through range, terminal types KUT25, 35, 50 and 95, with respective rated currents 101, 125, 150 and 232 Amp are available for connecting solid and stranded conductors.

Power (Bus-Bar) Type terminal range covers DPBB50, 70 and 120, rated upto 269 Amp, for fork/ring type lugs, bolted to the current-bar of the terminal block.

As a variant of this type, **elmex** offers DPBC version in which one termination is in the form of screw clamp for solid/stranded conductors, while the other connection is by bolting to current bar for fork/ring type cable lugs.

Version DPCC is also available with screw-clamp, for both terminations, suitable for solid/stranded conductors.

Similarly in Melamine Housing, the Feed Through range offers CST 25, 35, 70 and 185 with rated currents of 101, 125, 192 and 405 Amp, which receive solid/stranded conductors.

Variants of this type are CST 70 BB/CST 70 BC and CST 185 BB/CST 185 BC which accept ring/fork lugs bolted to current bar for both terminations (type with 'BB') or with solid/stranded conductor for one termination and ring/fork lugs for the other (type with 'BC')

Power (Bus-Bar) terminals type CBT 110, 170, 250 and 300 with rated currents of 110, 170, 250, 300 Amp, suitable for cables with ring/fork type lugs are available in Melamine Housing. The lugs are bolted to current bars using standard spanners. In types CBT 110T upto 300T, the current bar is tapped and the fixing bolt has slotted head, which allows use of screwdriver for bolting. This is useful where space is a constraint.

Protection and Safety

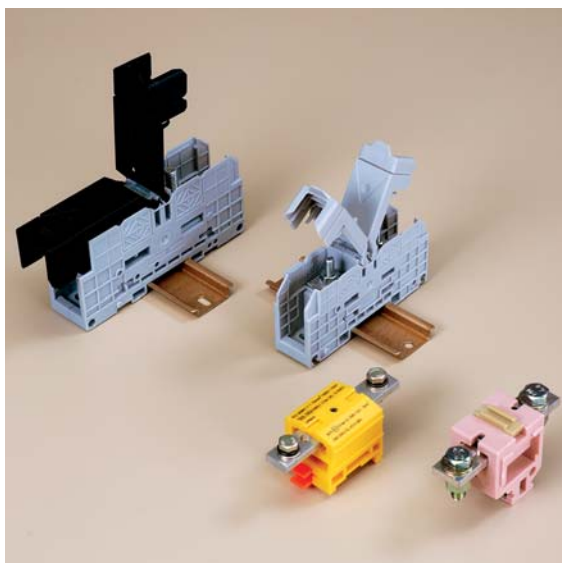
For increased creepage distance and safety against accidental contact, partition plates/barrier plates are assembled along with the terminal block. Protective transparent covers are assembled at the slots provided on the barrier plates. These provisions make the assemblies fully safe, while simultaneously offering open design of terminals for connecting fork/ring lugged cables.

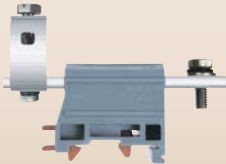
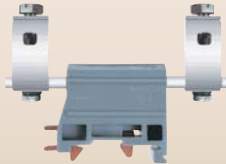
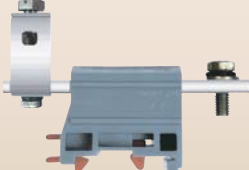
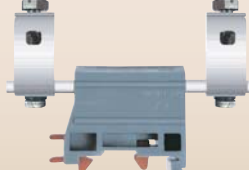
New Finger Safe Power Terminals

elmex offers a new design type SPT in which hinged covers are provided over the cable Termination points. Cables with fork or ring lugs are connected by nuts to the terminal after lifting hinged covers, which are closed after connection is completed. These are Finger-safe Terminals by design, not requiring covers or barrier plates, for safety/protection.

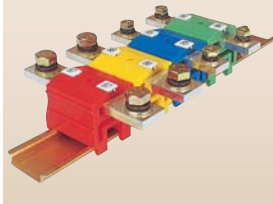
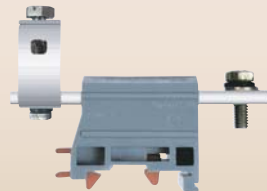
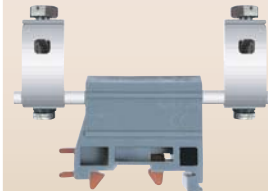
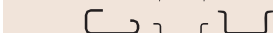
Their housing is Polyamide 6.6 and currently available with 35 sq mm and 70 sq mm connection capacity, and with rated currents of 140 Amp and 192 Amp respectively.

DESCRIPTION	KBT 100	DPBB 50
TERMINAL PITCH	26.0 mm (1.02 in)	37 mm (1.47 Inch)
HEIGHT x WIDTH in mm (Inch)	42.4 x 52 (1.66.04)2	42 x 85 (1.65 x 3.35)
RATED CROSS SECTION	35 sq mm	50 sq mm
CONNECTION Flexible	6 sq mm-35 sq mm	10 sq mm - 50 sq mm
POSSIBILITY Rigid	6 sq mm-35 sq mm	10 sq mm - 50 sq mm
WIRE STRIPPING LENGTH	-	-
TYPE OF CONNECTION	2 nut connection for ring/fork type lugs	2 Nut Bolts
RATINGS IEC 60947-7-1	800 V/100 A/35 sq mm/1.5 Nm	1000 V/150 A/50 sq mm/3 Nm Screw Driver
SCREW SIZE	M6	M6
TERMINAL TYPE	CAT # STD. PKG. WT/STD. PKG-KG	CAT # STD. PKG. WT/STD. PKG-KG
BARRIER PLATE	KBT 100 50 2.70	DPBB50 10 0.94
TRANSPARENT PROTECTIVE COVER	KPS 100 (End Plate) 0.29	BPN70 20 0.38
END CLAMPS	PCK3 100 7.00	-- -- --
MARKING LABEL	SCUSL 50 0.63	SCUSL 50 0.63
GROUP MARKING CARRIER	SCUDD 100 1.20	SCUDD 50 0.64
COLOUR:	Label KN 5.5 100 Strips 0.15	Label KN 10 100 Strips 0.15
MOUNTING CHANNEL	CHS 3/5/10 100/100/50 22/37/36	DPBB50(G), DPBB50(K)
STANDARD LENGTHS 300mm, 500mm, 1000mm	CHK 3/5/10 100/100/100 11/19/36	DPBB50(R), DPBB50(Y), DPBB50(B)
	CHKS 3/5/10 100/100/100 11/17/34	DPBB50(BL), DPBB50(GR)
	CHKDS 10 50 34.50	-- -- --
		CHK 3/5/10 100/100/100 11/19/36
		CHKS 3/5/10 100/100/100 11/17/34
		CHKDS 10 50 34.50



DPBC 50			DPCC 50			DPBB 70			DPBC 70			DPCC 70		
37 mm (1.47 Inch)			37 mm (1.47 Inch)			37 mm (1.47 Inch)			37 mm (1.47 Inch)			37 mm (1.47 Inch)		
74 x 85 (2.92 x 3.35)			74 x 85 (2.92 x 3.35)			42 x 90 (1.65 x 3.55)			74 x 90 (2.92 x 3.55)			74 x 90 (2.92 x 3.55)		
50 sq mm			50 sq mm			70 sq mm			70 sq mm			70 sq mm		
10 sq mm - 50 sq mm			10 sq mm - 50 sq mm			10 sq mm - 70 sq mm			10 sq mm - 70 sq mm			10 sq mm - 70 sq mm		
10 sq mm - 50 sq mm			10 sq mm - 50 sq mm			10 sq mm - 70 sq mm			10 sq mm - 70 sq mm			10 sq mm - 70 sq mm		
-			-			-			-			-		
1 Contact Clamp & 1 Nut Bolt			2 Contact Clamps			2 Nut Bolts			1 Contact Clamp & 1 Nut Bolt			2 Contact Clamps		
1000 V/150 A/50 sq mm/ 3.0/3.5 (6.0) Nm Screw Driver (Wrench)			1000 V/150 A/50 sq mm/6.0 Nm Wrench			1000 V/192 A/70 sq mm/3 Nm Screw Driver 1000 V/175 A/2/0-6 AWG/50 Lbln			1000 V/192 A/70 sq mm/ 3.0/3.5 (6.0) Nm Screw Driver (Wrench)			1000 V/192 A/70 sq mm/6.0 Nm Wrench		
M6			M6			M6			M6			M6		
														
														
														
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
DPBC 50	5	0.85	DPCC 50	5	1.05	DPBB 70	10	1.25	DPBC 70	5	1.03	DPCC 70	5	1.30
BPN70	20	0.38	BPN70	20	0.38	BPN70	20	0.38	BPN70	20	0.38	BPN70	20	0.38
--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
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	100	1.20	SCUDD	100	1.20
Label KN 10	100 Strips	0.15	Label KN 10	100 Strips	0.15	Label KN 10	100 Strips	0.15	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
DPBC50(G), DPBC50(K) DPBC50(R), DPBC50(Y), DPBC50(B) DPBC50(BL), DPBC50(GR)			DPCC50(G), DPCC50(K) DPCC50(R), DPCC50(Y), DPCC50(B) DPCC50(BL), DPCC50(GR)			DPBB70(G), DPBB70(K) DPBB70(R), DPBB70(Y), DPBB70(B) DPBB70(BL), DPBB70(GR)			DPBC70(G), DPBC70(K) DPBC70(R), DPBC70(Y), DPBC70(B) DPBC70(BL), DPBC70(GR)			DPCC70(G), DPCC70(K) DPCC70(R), DPCC70(Y), DPCC70(B) DPCC70(BL), DPCC70(GR)		
--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
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



DESCRIPTION		DPBB 120			DPBC 120			DPCC 120			DPBB 185N		
TERMINAL PITCH		37 mm (1.47 Inch)			37 mm (1.47 Inch)			37 mm (1.47 Inch)			53 mm (2.08 inch)		
HEIGHT x WIDTH in mm (Inch)		44 x 100 (1.74 x 3.95)			86 x 100 (3.4 x 3.95)			86 x 100 (3.4 x 3.95)			55 x 115 (2.16 x 4.53)		
RATED CROSS SECTION		120 sq mm			120 sq mm			120 sq mm			185 sq mm		
CONNECTION	Flexible	25 sq mm - 120 sq mm			25 sq mm - 120 sq mm			25 sq mm - 120 sq mm			70 sq mm - 185 sq mm		
POSSIBILITY	Rigid	25 sq mm - 120 sq mm			25 sq mm - 120 sq mm			25 sq mm - 120 sq mm			70 sq mm - 185 sq mm		
WIRE STRIPPING LENGTH		-			-			-			-		
TYPE OF CONNECTION		2 Nut Bolts			1 Contact Clamp & 1 Nut Bolt			2 Contact Clamps			2 Nut Bolts		
RATINGS		IEC 60947-7-1 			1000 V/269 A/120 sq mm/6 Nm Screw Driver 600 V/230 A/4/0-3 AWG/70 Lbln			1000 V/269 A/120 sq mm/10 Nm Wrench -			1000 V/353 A/185 sq mm /14 Nm -		
SCREW SIZE		M8			M8			M8			M12		
		  			 			 			 		
		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
TERMINAL TYPE		DPBB 120	10	1.18	DPBC 120	5	1.51	DPCC 120	5	1.80	DPBB 185N	5	2.00
BARRIER PLATE		BPN120	20	0.45	BPN120	20	0.45	BPN120	20	0.45	BPN185	20	0.75
TRANSPARENT PROTECTIVE COVER		--	--	--	--	--	--	--	--	--	--	--	--
END CLAMPS		SCUSL	50	0.63	SCUSL	50	0.63	SCUSL	50	0.63	SCUSL	50	0.63
		SCUDD	100	1.20	SCUDD	100	1.20	SCUDD	50	0.64	SCUDD	100	1.20
MARKING LABEL		Label KN 10	100 Strips	0.15	Label KN 10	100 Strips	0.15	Label KN 10	100 Strips	0.15	Label KN 10	100 Strips	0.15
GROUP MARKING CARRIER		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
COLOUR:		DPBB120(G), DPBB120(K)			DPBC120(G), DPBC120(K)			DPCC120(G), DPCC120(K)			DPBB185N(G), DPBB185N(K)		
		DPBB120(R), DPBB120(Y), DPBB120(B)			DPBC120(R), DPBC120(Y), DPBC120(B)			DPCC120(R), DPCC120(Y), DPCC120(B)			DPBB185N(R), DPBB185N(Y), DPBB185N(B)		
		DPBB120(BL), DPBB120(GR)			DPBC120(BL), DPBC120(GR)			DPCC120(BL), DPCC120(GR)			DPBB185N(BL), DPBB185N(GR)		
MOUNTING CHANNEL		--	--	--	--	--	--	--	--	--	--	--	--
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	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
		CHKDS 10	50	34.50	CHKDS 10	50	34.50	CHKDS 10	50	34.50	CHKDS 10	50	34.50
													



POWER (BUS BAR) TERMINALS (Shrouded)

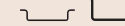
DPBB 240		
53 mm (2.08 inch)		
59 x 125 (2.32 x 4.92)		
240 sq mm		
70 sq mm - 240 sq mm		
70 sq mm - 240 sq mm		
-		
2 Nut Bolts		
1000 V/415 A/240 sq mm/14 Nm		
-		
M16		
CAT #	STD. PKG.	WT/STD.PKG-KG
DPBB 240	5	2.92
BPN185	20	0.75
..	..	..
SCUSL	50	0.63
SCUDD	100	1.20
Label KN 10	100 Strips	0.15
SCKNMLH	50	0.55
SCUNMLH	50	0.60
DPBB 240(G), DPBB 240(K) DPBB 240(R), DPBB 240(Y), DPBB 240(B) DPBB 240(BL), DPBB 240(GR)		
..	..	..
CHK 3/5/10	100/100/100	11/19/36
CHKS 3/5/10	100/100/100	11/17/34
CHKDS 10	50	34.50

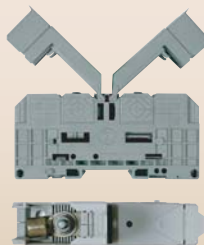
NEW Finger Safe Power Terminals

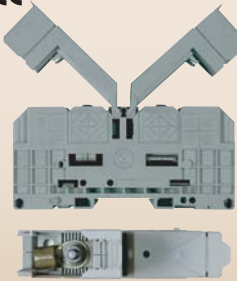
elmex offers a new design type SPT in which hinged covers are provided over the cable Termination points. Cables with fork or ring lugs are connected by nuts to the terminal after lifting hinged covers, which are closed after connection is completed. These are Finger-safe Terminals by design, not requiring covers or barrier plates, for safety/protection.

Their housing is Polyamide 6.6 and currently available with 35 sq mm and 70 sq mm connection capacity, and with rated currents of 140 Amp and 192 Amp respectively.

Hinged covers are available in various colours as required optionally.

DESCRIPTION											
TERMINAL PITCH											
HEIGHT x WIDTH in mm (Inch)											
RATED CROSS SECTION											
CONNECTION	Flexible										
POSSIBILITY	Rigid										
WIRE STRIPPING LENGTH											
TYPE OF CONNECTION											
RATINGS	IEC 60947-7-1										
											
SCREW SIZE											
TERMINAL TYPE											
END CLAMPS											
											
MARKING LABEL	<table><tr><td>1</td><td>2</td><td>3</td><td>4</td><td>5</td><td>6</td><td>7</td><td>8</td><td>9</td><td>10</td></tr></table>	1	2	3	4	5	6	7	8	9	10
1	2	3	4	5	6	7	8	9	10		
GROUP MARKING CARRIER											
COLOUR:	<table><tr><td></td><td></td><td>GREY, KHAKHI</td></tr><tr><td></td><td></td><td>RED, YELLOW, BLUE</td></tr><tr><td></td><td></td><td>BLACK, GREEN</td></tr></table>			GREY, KHAKHI			RED, YELLOW, BLUE			BLACK, GREEN	
		GREY, KHAKHI									
		RED, YELLOW, BLUE									
		BLACK, GREEN									
MOUNTING CHANNEL											
STANDARD LENGTHS 300mm, 500mm, 1000mm											
											

SPT 35		
27 mm (1.06 Inch)		
59 x 135 (2.32 x 5.31)		
35 sq mm		
10 sq mm - 35 sq mm		
10 sq mm - 35 sq mm		
-		
2 Nut for Flat Connection		
for Ring Lug		
1000 V/140 A/35 sq mm/3 Nm		
-		
M6		
		
		
CAT #	STD. PKG.	WT/STD.PKG-KG
SPT 35	10	1.20
--	--	--
--	--	--
SCUSL	50	0.63
SCUDD	50	0.64
Label KN 10	100 Strips	0.15
--	--	--
--	--	--
SPT 35(G), SPT 35(K)		
SPT 35(R), SPT 35(Y), SPT 35(B)		
SPT 35(BL), SPT 35(GR)		
CHK 3/5/10	100/100/100	11/19/36
CHKS 3/5/10	100/100/100	11/17/34
CHKDS 10	50	34.50

SPT 70		
32 mm (1.26 Inch)		
71 x 180 (2.79 x 7.08)		
70 sq mm		
16 sq mm - 70 sq mm		
16 sq mm - 70 sq mm		
-		
2 Nut for Flat Connection for Ring Lug		
1000 V/192 A/70 sq mm/6 Nm		
-		
M8		
		
CAT #	STD. PKG.	WT/STD.PKG-KG
SPT 70	10	2.10
--	--	--
--	--	--
SCUSL	50	0.63
SCUDD	50	0.64
Label KN 10	100 Strips	0.15
--	--	--
--	--	--
SPT 70(G), SPT 70(K) SPT 70(R), SPT 70(Y), SPT 70(B) SPT 70(BL), SPT 70(GR)		
CHK 3/5/10	100/100/100	11/19/36
CHKS 3/5/10	100/100/100	11/17/34
CHKDS 10	50	34.50

MOUNTING AND CABLE CONNECTION :

- ⇒ After removal of packing, the terminal is to be placed on a 35mm channel and is to be pressed from the top in the direction as shown in figure A. This will lock the terminal on the channel.
- ⇒ For connecting the cable, open the cover and unscrew the nut and washer assembly as shown in figure B.
- ⇒ Insert the cable with crimped lug in the stud and tighten the nut and washer assembly as shown in figure B.

Figure A

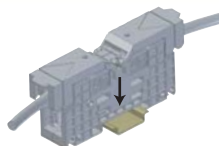
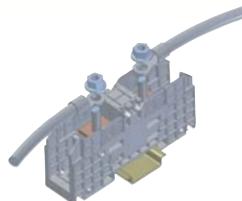


Figure B



CABLE DISCONNECTION AND REMOVAL :

- ⇒ Ensure that the power supply on both sides of terminal is completely switched off.
- ⇒ Remove both the terminal covers as shown in figure D.
- ⇒ After unscrewing the nut and washer assembly, remove the lug cable connection as shown in figure D.
- ⇒ After re-tightening the nut and washer assembly, insert the two screw drivers and lift the small plastic part (Footer) in the direction as shown in figure E.
- ⇒ When more power terminals are mounted side by side on a channel, a space of 3 to 4 mm needs to be created for allowing the terminal to come out.

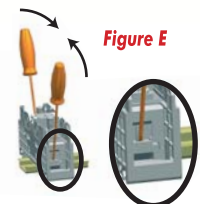
Figure C



Figure D



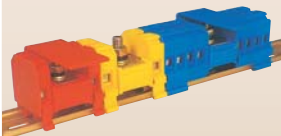
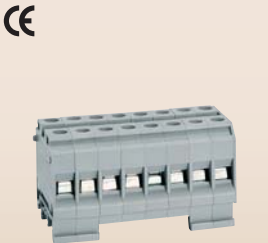
Figure E



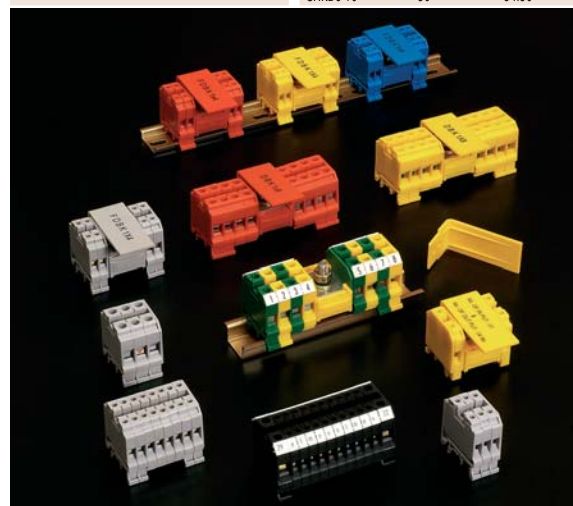
elmex Distribution Blocks are an Innovative Engineering Solution to satisfy customers' needs. They find application in Power Distribution for Control Circuits and can also be used to centralise earthing for the entire Panel. These Blocks are completely shrouded and accommodate single input and multiple outputs. They replace conventional open Bus Bars, ensuring perfect continuity.

Two varieties of Distribution Blocks are available - one is suitable for identical size of conductors as input/output, and another for higher conductor size as input and lower as output.

FDBK extends the same advantages and features of DBK Distribution Blocks. These blocks are suitable for Control applications.

DESCRIPTION		DBK 8*	DBK 1x2	DBK 1x4						
TERMINAL PITCH		82 mm (3.23 inch)	53 mm (2.09 inch)	73 mm (2.87 inch)						
HEIGHT x WIDTH in mm (Inch)		46.5 x 42.5 (1.83 x 1.67)	49.7 x 67.5 (1.96 x 2.66)	49.7 x 67.5 (1.96 x 2.66)						
RATED CROSS SECTION		IC-10 , OG-10	IC-35 , OG-10	IC-35 , OG-10						
CONNECTION	Flexible	2.5 sq mm - 10 sq mm	IC-10 to 50 sq mm, OG-2.5 to 10 sq mm	IC-10 to 50 sq mm, OG-2.5 to 10 sq mm						
POSSIBILITY	Rigid	2.5 sq mm - 16 sq mm	IC-10 to 50 sq mm, OG-2.5 to 16 sq mm	IC-10 to 50 sq mm, OG-2.5 to 16 sq mm						
WIRE STRIPPING LENGTH		12 mm	12 mm	12 mm						
TYPE OF CONNECTION		Screw Clamps	1 Nut connection for IC & Screw clamp connection for OG	1 Nut connection for IC & Screw clamp connection for OG						
RATINGS	IEC 60947-7-1 	800 V/57 A/IC-10 sq mm, OG-10 sq mm/1.2 Nm 600 V/65 A/16-6 AWG/14 Lbln	800 V/IC-114A, OG-57 A/IC-35 sq mm, OG-10 sq mm/IC-06 Nm, OG-1.2 Nm 600 V/IC-130A, OG-130A/IC 8-1 AWG, OG-16-6 AWG/IC-55 Lbln, OG-14 Lbln	800 V/IC-114A, OG-57 A/IC-35 sq mm, OG-10 sq mm/IC-06 Nm, OG-1.2 Nm 600 V/IC-130A, OG-130A/IC 8-1 AWG, OG-16-6 AWG/IC-55 Lbln, OG-14 Lbln						
SCREW SIZE		M4	IC-M8, OG-M4	IC-M8, OG-M4						
										
										
TERMINAL TYPE		CAT #	STD. PKG.	WT/STD.PKG-KG	CAT #	STD. PKG.	WT/STD.PKG-KG	CAT #	STD. PKG.	WT/STD.PKG-KG
PARTITION PLATE WITHOUT FOOT		DBK 8	1	0.16	DBK 1x2	1	0.13	DBK 1x4	1	0.16
PARTITION PLATE WITH FOOT		KBX	100	0.46	KBX	100	0.46	KB X	100	0.46
END CLAMPS		KBXF	100	0.54	KBXF	100	0.54	KBXF	100	0.54
		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
MARKING LABEL		Label KN 10	100 Strips	0.15	Label KN 10	100 Strips	0.15	Label KN 10	100 Strips	0.15
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:  GREY, KHAKHI		DBK8(G), DBK8(K)			DBK1x2(G), DBK1x2(K)			DBK1x4(G), DBK1x4(K)		
 RED, YELLOW, BLUE		DBK8(R), DBK8(Y), DBK8(B)			DBK1x2(R), DBK1x2(Y), DBK1x2(B)			DBK1x4(R), DBK1x4(Y), DBK1x4(B)		
  BLACK, GREEN, GREEN-YELLOW		DBK8(BL), DBK8(GR), DBK8(GY)			DBK1x2(BL), DBK1x2(GR), DBK1x2(GY)			DBK1x4(BL), DBK1x4(GR), DBK1x4(GY)		
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
										

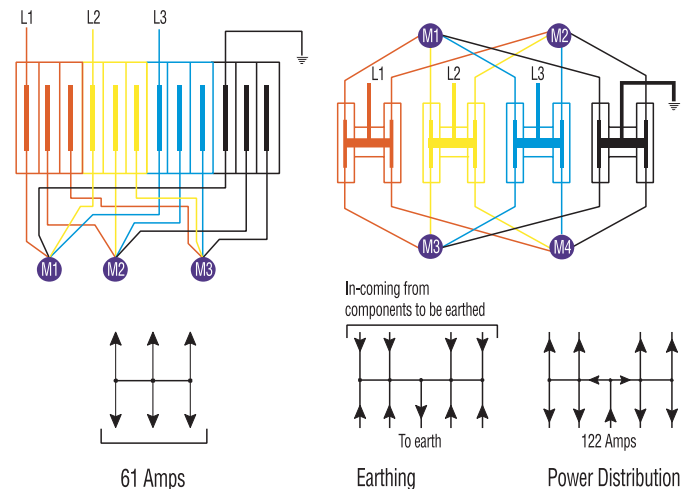
IC = IN-COMING, OG = OUT-GOING



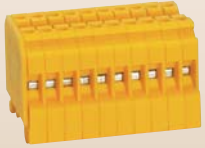
* NOTE : DBK 3, DBK 4, DBK 6 ARE ALSO AVAILABLE

DBK 1x8	FDBK 8*	FDBK 1x4	FDBK 1x8	DFBK 12
113 mm (4.45 inch)	55.5 mm (2.19 inch)	61.5 mm (2.42 inch)	88.5 mm (3.48 inch)	90 mm (3.54 inch)
49.7 x 67.5 (1.96 x 2.66)	46.5 x 42.5 (1.83 x 1.67)	55 x 67.5 (2.17 x 2.66)	55 x 67.5 (2.17 x 2.66)	46.5 x 42.5 (1.83 x 1.67)
IC-35, OG-10	IC-4, OG-4	IC-25, OG-4	IC-25, OG-4	10 sq mm, 4 sq mm
IC-10 to 50 sq mm, OG-2.5 to 10 sq mm	0.5 sq mm - 4 sq mm	IC-10 to 25 sq mm, OG-0.5 to 4 sq mm	IC-10 to 25 sq mm, OG-0.5 to 4 sq mm	2.5 sq mm - 10 sq mm, 0.5 sq mm - 4 sq mm
IC-10 to 50 sq mm, OG-2.5 to 16 sq mm	0.5 sq mm - 6 sq mm	IC-10 to 25 sq mm, OG-0.5 to 6 sq mm	IC-10 to 25 sq mm, OG-0.5 to 6 sq mm	2.5 sq mm - 16 sq mm, 0.5 sq mm - 6 sq mm
12 mm	12 mm	12 mm	12 mm	12 mm
1 Nut connection for IC & Screw clamp connection for OG	Screw Clamps	1 Nut connection for IC & Screw clamp connection for OG	1 Nut connection for IC & Screw clamp connection for OG	Screw Clamps
800 V/IC-114A, OG-57 A/IC-35 sq mm, OG-10 sq mm/IC-06 Nm, OG-1.2 Nm 600 V/IC-130A, OG-130A/IC 8-1 AWG, OG-16-6 AWG/IC-55 Lbln, OG-14 Lbln	800 V/32 A/IC-4 sq mm, OG-4 sq mm/0.5 Nm 600 V/35 A/20-10 AWG/7 Lbln	800 V/IC-64A, OG-32 A/IC-25 sq mm, OG-4 sq mm/IC-2.5 Nm, OG-0.5 Nm 600 V/IC-80A, OG-80A/IC 12-4 AWG, OG-20-10 AWG/IC-22 Lbln, OG-7 Lbln	800 V/IC-64A, OG-32 A/IC-25 sq mm, OG-4 sq mm/IC-2.5 Nm, OG-0.5 Nm 600 V/IC-80A, OG-80A/IC 12-4 AWG, OG-20-10 AWG/IC-22 Lbln, OG-7 Lbln	800 V/50 A/10 sq mm, 4 sq mm/1.2 Nm, 0.5 Nm 600 V/IC-120A, OG-120A/IC 16-6 AWG, OG-20-10 AWG/IC-14 Lbln, OG-7 Lbln
IC-M8, OG-M4	M3	IC-M6, OG-M3	IC-M6, OG-M3	M4, M3
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
DBK 1x8 1 0.22	FDBK 8 1 0.09	FDBK 1x4 1 0.08	FDBK 1x8 1 0.15	DFBK 12 1 0.16
KB X 100 0.46	KB X 100 0.46	KB X 100 0.46	KB X 100 0.46	KBX 100 0.46
KBXF 100 0.54	KBXF 100 0.54	KBXF 100 0.54	KBXF 100 0.54	KBXF 100 0.54
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 100 1.20
Label KN 10 100 Strips 0.15	Label KN 6.5 100 Strips 0.10	Label KN 6.5 100 Strips 0.10	Label KN 6.5 100 Strips 0.10	Label KN 10/6.5 100 Strips 0.15/0.10
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
DBK1x8(G), DBK1x8(K) DBK1x8(R), DBK1x8(Y), DBK1x8(B) DBK1x8(BL), DBK1x8(GR), DBK1x8(GY)	FDBK8(G), FDBK8(K) FDBK8(R), FDBK8(Y), FDBK8(B) FDBK8(BL), FDBK8(GR), FDBK8(GY)	FDBK1x4(G), FDBK1x4(K) FDBK1x4(R), FDBK1x4(Y), FDBK1x4(B) FDBK1x4(BL), FDBK1x4(GR), FDBK1x4(GY)	FDBK1x8(G), FDBK1x8(K) FDBK1x8(R), FDBK1x8(Y), FDBK1x8(B) FDBK1x8(BL), FDBK1x8(GR), FDBK1x8(GY)	DFBK12(G), DBK12(K) DFBK12(R), DBK12(Y), DBK12(B) DFBK12(BL), DBK12(GR), DBK12(GY)
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

ILLUSTRATION FOR TYPICAL APPLICATIONS



* NOTE : FDBK 3, FDBK 4, FDBK 6, ARE ALSO AVAILABLE

DESCRIPTION	DBK 2.5 - 10 Way	DBP 4 - 10 Way	DBM 4 - 10 Way	DBK 150/16 1x2
TERMINAL PITCH	61.5 mm (2.42 inch)	60 mm (2.36 inch)	60 mm (2.36 inch)	62 mm (2.44 inch)
HEIGHT x WIDTH in mm (Inch)	41 x 42.5 (1.61 x 1.67)	27 x 27 (1.06 x 1.06)	29 x 27 (1.14 x 1.06)	74 x 45 (2.91x1.77)
RATED CROSS SECTION	IC-2.5 , OG-2.5	4 sq mm	IC-2.5 , OG-2.5	IC-150 , OG-16
CONNECTION Stranded	IC-0.5 to 2.5 sq mm, OG-0.5 to 2.5 sq mm	0.2 sq mm - 4 sq mm	IC-0.5 to 2.5 sq mm, OG-0.5 to 2.5 sq mm	IC-50 to 150 sq mm, OG-6 to 16 sq mm
POSSIBILITY Solid	IC-0.5 to 4 sq mm, OG-0.5 to 4 sq mm	0.2 sq mm - 4 sq mm	IC-0.5 to 4 sq mm, OG-0.5 to 4 sq mm	IC-50 to 150 sq mm, OG-6 to 16 sq mm
WIRE STRIPPING LENGTH	10mm	9 mm	8 mm	15 mm
TYPE OF CONNECTION	Screw Clamps	Screw clamp	Screw Clamps	1 Nut connection for IC & screw clamp connection for OG
RATINGS IEC 60947-7-1	800 V/IC-24A, OG-24A/IC-2.5 sq mm, OG-2.5 sq mm/IC-0.5 Nm, OG-0.5 Nm	500 V/IC-32A, OG-32A/IC-4 sq mm, OG-4 sq mm/IC-0.5 Nm, OG-0.5 Nm	500 V/IC-24A, OG-24A/IC-2.5 sq mm, OG-2.5 sq mm/IC-0.5 Nm, OG-0.5 Nm	800 V/IC-269A, OG-76A/ IC-150 sq mm, OG-16 sq mm IC-14 Nm, OG-1.2 Nm
SCREW SIZE	IC-M3, OG-M3	M3	IC-M3, OG-M3	IC-M12, OG-M4
    				
	CAT # STD. PKG. WT/STD.PKG-KG DBK 2.5-10W 1 0.09 KBM 100 0.37 KBXF 100 0.54 SCKN 100 0.80 SCUN 100 0.94 SCUSL 50 0.63 SCUDD 100 1.20 Label KN 5.5 100 Strips 0.08 SCKNMLH 50 0.55 SCUNMLH 50 0.60 DBK 2.5-10W(G), DBK 2.5-10W(K) DBK 2.5-10W(R), DBK 2.5-10W(Y), DBK 2.5-10W(B) DBK 2.5-10W(BL), DBK 2.5-10W(GR) CHS 3/5/10 100/100/50 22/37/36 CHK 3/5/10 100/100/100 11/19/36 CHKS 3/5/10 100/100/100 11/17/34 CHKDS 10 50 34.50	CAT # STD. PKG. WT/STD.PKG-KG DBP 4-10W 1 0.06 -- -- -- -- -- -- -- -- -- SCM 200 0.72 SCMN 100 0.25 Label KN 5.5 100 Strips 0.08 -- -- -- -- -- -- DBP 4-10W(G), DBP 4-10W(K) DBP 4-10W(R), DBP 4-10W(Y), DBP 4-10W(B) DBP 4-10W(BL), DBP 4-10W(GR)	CAT # STD. PKG. WT/STD.PKG-KG DBM 4-10W 1 0.06 KBM 100 0.37 KBXF 100 0.54 SCKN 100 0.80 SCUN 100 0.94 SCUSL 50 0.63 SCUDD 100 1.20 Label KN 5.5 100 Strips 0.08 SCKNMLH 50 0.55 SCUNMLH 50 0.60 DBM 4-10W(G), DBM 4-10W(K) DBM 4-10W(R), DBM 4-10W(Y), DBM 4-10W(B) DBM 4-10W(BL), DBM 4-10W(GR) CHM 10 100 30 -- -- -- -- -- -- -- -- -- -- -- --	CAT # STD. PKG. WT/STD.PKG-KG DBK 150/16 1x2 1 0.19 KBY 100 0.43 KBZF 100 0.75 SCKN 100 0.80 SCUN 100 0.94 SCUSL 50 0.63 SCUDD 100 1.20 Label KN 10 100 Strips 0.15 SCKNMLH 50 0.55 SCUNMLH 50 0.60 DBK 150/16 1x2(G), DBK 150/16 1x2(K) DBK 150/16 1x2(R), DBK 150/16 1x2(Y), DBK 150/16 1x2(B) DBK 150/16 1x2(BL), DBK 150/16 1x2(GR) -- -- -- -- -- -- -- -- -- CHKDS 10 50 34.50
TERMINAL TYPE PARTITION PLATE WITHOUT FOOT PARTITION PLATE WITH FOOT END CLAMPS MARKING LABEL GROUP MARKING CARRIER COLOUR:  GREY, KHAKHI  RED, YELLOW, BLUE  BLACK, GREEN MOUNTING CHANNEL STANDARD LENGTHS 300mm, 500mm, 1000mm				

IC = IN-COMING, OG = OUT-GOING

DBK 150/16 1x4*	DBK 150/25 1x2	DBK 150/25 1x4*	DBK 150/M6C 1x2	DBK 150/M6C 1x4*
86 mm (3.38 inch)	62 mm (2.44 inch)	86 mm (3.38 inch)	75 mm (2.95 inch)	109 mm (4.29 inch)
74 x 45 (2.91x1.77)	74x45 (2.91x1.77)	74x45 (2.91x1.77)	62 x 50 (2.44 x 1.96)	62 x 50 (2.44 x1 .96)
IC-150, OG-16	IC-150, OG-25	IC-150, OG-25	IC-150, OG-35	IC-150 , OG-35
IC-50 to 150 sq mm, OG-6 to 16 sq mm	IC-50 to 150 sq mm, OG-6 to 25 sq mm	IC-50 to 150 sq mm, OG-6 to 25 sq mm	IC-70 to 150 sq mm, OG-6 to 35 sq mm	IC-70 to 150 sq mm, OG-6 to 35 sq mm
IC-50 to 150 sq mm, OG-6 to 16 sq mm	IC-50 to 150 sq mm, OG-6 to 25 sq mm	IC-50 to 150 sq mm, OG-6 to 25 sq mm	IC-70 to 150 sq mm, OG-6 to 35 sq mm	IC-70 to 150 sq mm, OG-6 to 35 sq mm
15 mm	15 mm	15 mm	-	-
1 Nut connection for IC & screw clamp connection for OG	1 Nut connection for IC & screw clamp connection for OG	1 Nut connection for IC & screw clamp connection for OG	1 Nut connection for IC & nut connection for OG	1 Nut connection for IC & nut connection for OG
800 V/IC-269A, OG-76A/IC-150 sq mm, OG-16 sq mm IC-14 Nm, OG-1.2 Nm	800 V/IC-309A, OG-101A/IC-150 sq mm, OG-25 sq mm/IC-14 Nm, OG-2.3 Nm	800 V/IC-309A, OG-101A/IC-150 sq mm, OG-25 sq mm/IC-14 Nm, OG-2.3 Nm	800 V/IC-309A, OG-125A/IC-150 sq mm, OG-35 sq mm/IC-14 Nm, OG-2.5 Nm	800 V/IC-309A, OG-125A/IC-150 sq mm, OG-35 sq mm/IC-14 Nm, OG-2.5 Nm
IC-M12, OG-M4	IC-M12, OG-M54	IC-M12, OG-M5	IC-M12, OG-M6	-
				
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
DBK 150/16 1x4 1 0.24	DBK 150/25 1x2 1 0.22	DBK 150/25 1x4 1 0.29	DBK 150/M6C 1x2 1 0.21	DBK 150/M6C 1x4 1 0.30
KBY 100 0.43	KBT 100 0.56	KBT 100 0.56	-- -- --	-- -- --
KBZF 100 0.75	KBZF 100 0.75	KBZF 100 0.75	KBXF 100 0.54	KBXF 100 0.54
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 100 1.20	SCUDD 100 1.20	SCUDD 100 1.20	SCUDD 100 1.20	SCUDD 100 1.20
Label KN 10 100 Strips 0.15	Label KN 10 100 Strips 0.15	Label KN 10 100 Strips 0.15	Label KN 5.5 100 Strips 0.08	Label KN 5.5 100 Strips 0.08
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
DBK 150/16 1x4(G), DBK 150/16 1x4(K)	DBK 150/25 1x2(G), DBK 150/25 1x2(K)	DBK 150/25 1x4(G), DBK 150/25 1x4(K)	DBK 150/M6C 1x2(G), DBK 150/M6C 1x2(K)	DBK 150/M6C 1x4(G), DBK 150/M6C 1x4(K)
DBK 150/16 1x4(R), DBK 150/16 1x4(Y), DBK 150/16 1x4(B)	DBK 150/25 1x2(R), DBK 150/25 1x2(Y), DBK 150/25 1x2(B)	DBK 150/25 1x4(R), DBK 150/25 1x4(Y), DBK 150/25 1x4(B)	DBK 150/M6C 1x2(R), DBK 150/M6C 1x2(Y), DBK 150/M6C 1x2(B)	DBK 150/M6C 1x4(R), DBK 150/M6C 1x4(Y), DBK 150/M6C 1x4(B)
DBK 150/16 1x4(BL), DBK 150/16 1x4(GR)	DBK 150/25 1x2(BL), DBK 150/25 1x2(GR)	DBK 150/25 1x4(BL), DBK 150/25 1x4(GR)	DBK 150/M6C 1x2(BL), DBK 150/M6C 1x2(GR)	DBK 150/M6C 1x4(BL), DBK 150/M6C 1x4(GR)
-- -- --	-- -- --	-- -- --	-- -- --	-- -- --
-- -- --	-- -- --	-- -- --	-- -- --	-- -- --
-- -- --	-- -- --	-- -- --	-- -- --	-- -- --
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

* NOTE : DBK 150/16 1x8 IS ALSO AVAILABLE

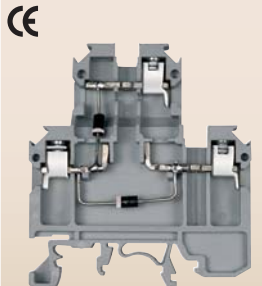
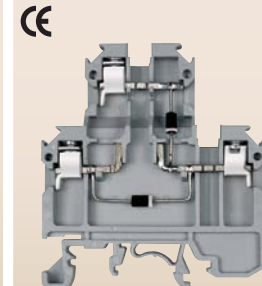
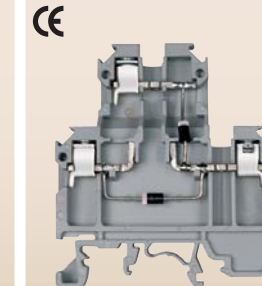
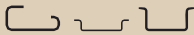
* NOTE : DBK 150/25 1x8 IS ALSO AVAILABLE

* NOTE : DBK 150/M6C 1x8 IS ALSO AVAILABLE

elmex Component Housings act as simple Interface Circuits duly mounted in the Terminal Block itself, saving assembly time, cost of wires and labour in the control cubicle. This avoids inter-connection between simple terminals and the components mounted on a separate PCB in the panel, offering flexibility.

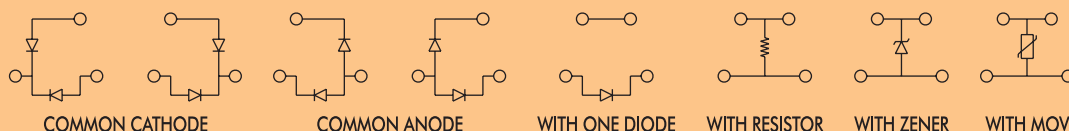
A variety of components like Diode/s, LED, Resistor, Varistor (MOV) are mounted in Insulation Housing of double deck terminals like **KUDD 4N**, **KU2D 4** or **CUDD4** as required for the application.

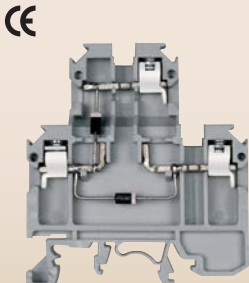
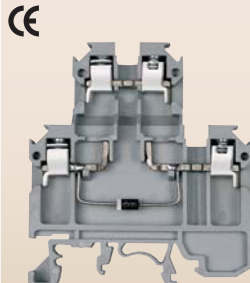
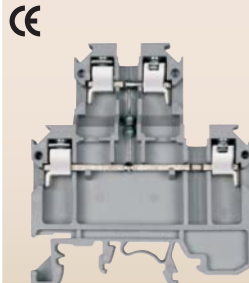
They find application in PLC, DCS, Machine Tools and other Control & Automation panels.

DESCRIPTION		KUDD 4 CC1	KUDD 4 CC2	KUDD 4 CA1																																																																																																												
TYPE		Common Cathode - 1	Common Cathode - 2	Common Anode - 1																																																																																																												
VOLTAGE		300 V	300 V	300 V																																																																																																												
DIODE		1N 4007	1N 4007	1N 4007																																																																																																												
DIODE REVERSE VOLTAGE		1000 V	1000 V	1000 V																																																																																																												
DIODE CURRENT		1 Amp	1 Amp	1 Amp																																																																																																												
TERMINAL PITCH		6 mm (0.25 inch)	6 mm (0.25 inch)	6 mm (0.25 inch)																																																																																																												
HEIGHT x WIDTH in mm (Inch)		59.5 x 54 (2.34 x 2.13)	59.5 x 54 (2.34 x 2.13)	59.5 x 54 (2.34 x 2.13)																																																																																																												
RATED CROSS SECTION		2.5 sq mm	2.5 sq mm	2.5 sq mm																																																																																																												
CONNECTION	Flexible	0.5 sq mm - 2.5 sq mm	0.5 sq mm - 2.5 sq mm	0.5 sq mm - 2.5 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																																																																																																												
TORQUE		0.4 Nm/6 Lbln	0.4 Nm/6 Lbln	0.4 Nm/6 Lbln																																																																																																												
																																																																																																																
																																																																																																																
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COLOUR:		 GREY, KHAKHI  RED, YELLOW, BLUE  BLACK, GREEN	KUDD 4 CC1(G), KUDD 4 CC1(K) KUDD 4 CC1(R), KUDD 4 CC1(Y), KUDD 4 CC1(B) KUDD 4 CC1(BL), KUDD 4 CC1(GR)	KUDD 4 CA1(G), KUDD 4 CA1(K) KUDD 4 CA1(R), KUDD 4 CA1(Y), KUDD 4 CA1(B) KUDD 4 CA1(BL), KUDD 4 CA1(GR)																																																																																																												
MOUNTING CHANNEL		CHS 3/5/10 100/100/50 22/37/36 CHK 3/5/10 100/100/100 11/19/36 CHKS 3/5/10 100/100/100 11/17/34 CHKDS 10 50 34.50	CHS 3/5/10 100/100/50 22/37/36 CHK 3/5/10 100/100/100 11/19/36 CHKS 3/5/10 100/100/100 11/17/34 CHKDS 10 50 34.50	CHS 3/5/10 100/100/50 22/37/36 CHK 3/5/10 100/100/100 11/19/36 CHKS 3/5/10 100/100/100 11/17/34 CHKDS 10 50 34.50																																																																																																												
																																																																																																																

COMPONENT HOUSINGS offer an alternative to conventional method of connecting terminal blocks with components on a separate PCB in a panel. They act as simple interface circuits duly mounted in terminal blocks, saving time and labour.

The variety of Component Housings for mounting Diode/s, LED, Resistor, MOV in various combinations are available using the insulation housing of KUDD4N/KU2D4.



KUDD 4 CA2	KUDD 4 D1	KUDD 4 R	KUDD 4 MOV	
Common Anode - 2	With One Diode	With One Resistor	With MOV	
300 V	300 V	-	-	
1N 4007	1N 4007	As per customers' requirement	GE 14, V275	
1000 V	1000 V	-	-	
1A	1A	-	1A	
6 mm (0.25 inch)	6 mm (0.25 inch)	6 mm (0.25 inch)	6 mm (0.25 inch)	
59.5 x 54 (2.34 x 2.13)	59.5 x 54 (2.34 x 2.13)	59.5 x 54 (2.34 x 2.13)	59.5 x 54 (2.34 x 2.13)	
2.5 sq mm	2.5 sq mm	2.5 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 - 2.5 sq mm	0.5 sq mm - 2.5 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 - 4 sq mm	
0.4 Nm/6 Lbln	0.4 Nm/6 Lbln	0.4 Nm/6 Lbln	0.4 Nm/6 Lbln	
				
 	 	 	 	
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	
KUDD 4 CA2 100 1.49	KUDD 4 D1 100 1.49	KUDD 4 R 100 1.49	KUDD 4 MOV 100 1.49	
KPDD 100 0.10	KPDD 100 0.10	KPDD 100 0.10	KPDD 100 0.10	
UHDD 100 0.80	UHDD 100 0.80	UHDD 100 0.80	UHDD 100 0.80	
PCK 3 100 7.00	PCK 3 100 7.00	PCK 3 100 7.00	PCK 3 100 7.00	
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	
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	
Label KN 5.5 100 Strips 0.08	Label KN 5.5 100 Strips 0.08	Label KN 5.5 100 Strips 0.08	Label KN 5.5 100 Strips 0.08	
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	
KUDD 4 CA2(G), KUDD 4 CA2(K) KUDD 4 CA2(R), KUDD 4 CA2(Y), KUDD 4 CA2(B) KUDD 4 CA2(BL), KUDD 4 CA2(GR)	KUDD 4 D1(G), KUDD 4 D1(K) KUDD 4 D1(R), KUDD 4 D1(Y), KUDD 4 D1(B) KUDD 4 D1(BL), KUDD 4 D1(GR)	KUDD 4 R(G), KUDD 4 R(K) KUDD 4 R(R), KUDD 4 R(Y), KUDD 4 R(B) KUDD 4 R(BL), KUDD 4 R(GR)	KUDD 4 MOV(G), KUDD 4 MOV(K) KUDD 4 MOV(R), KUDD 4 MOV(Y), KUDD 4 MOV(B) KUDD 4 MOV(BL), KUDD 4 MOV(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	
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	
CHKDS 10 50 34.50	CHKDS 10 50 34.50	CHKDS 10 50 34.50	CHKDS 10 50 34.50	



elmex offers an innovative solution to **Control and Automation Industry**, enabling modular design of electronic controls. It is now possible to use add-on concept or modification or enhancements in control circuits, **even during service**. It helps the maintenance engineer to

replace a control element merely by pulling out a terminal block from DIN Rails.

This new solution is the universal DIN Rail mounted **elmex Termitronix** terminal blocks, which consist of :

- 1 **Basic Terminal Block** Type KCH, with 8 independent terminals for external connections.
- 2 A **mini PCB** housed in the Terminal Block Type KCH, and
- 3 **Electronics Control Element** integral with PCB, which enables development of required type of control logic, or use of specific elements (such as Standard or Static Relays, and various other control elements).

Modular concept in Control and Automation already exists in the form of **econix** DIN Rail mounted Interface Modules. **Termitronix** terminals, **highly compact in size**, enable modular design of control circuits using various control logic. **Several features of this break through product from elmex are of interest to Designers and Users alike :**

- ✓ Universal DIN Rail Mounted
- ✓ Both the controller and the field loads can be connected directly to **Termitronix** modules, without introducing set of feed through terminals (called Marshalling), which is a common practice even while using traditional interface modules with PCB connectors.

✓ Absence of marshalling, as above, results in **space saving up to 30-50%** depending on the control-logic/control element of the **Termitronix** range. The cost saving results from simplified external wiring, and absence of marshalling, which **eliminates rows of feed-through terminals together with the costs of associated fabrication and wiring**.

✓ The basic terminal block, the PCB and the electronic control elements, which are designed according to international practices, yield a desirable performance, durability and reliability for the Termitronix range of modules.

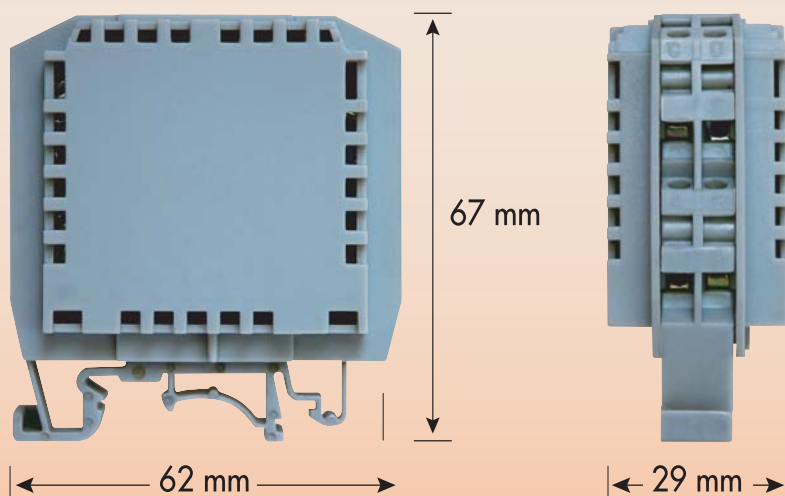
✓ **Termitronix** modules offer **considerable ease in maintenance, investigation**, repairs and replacements of the modular control element in service, because of DIN Rail mounting unlike in the case of traditional control circuit designs.

✓ **Termitronix** modules have specially designed 8 terminals, 4 on either side, with **45° angle for ease of control wire entry**. The terminal has cable holding metal clamp as for properly locating the control wires. The well-proven elmex screw clamp design ensures reliable conductor clamping.

✓ **Termitronix** Modules are **fully ventilated** by the opening provided on both the faces and hence allow good cooling of the control elements and the PCB during service.

Essentials details of **Termitronix** Terminals, already developed and in use, are given here. **elmex-econix** can develop various other need based control elements in **Termitronix** Terminals in conjunction with modular concept in designing electronic controls.

BASIC TERMINAL BLOCK TYPE KCH



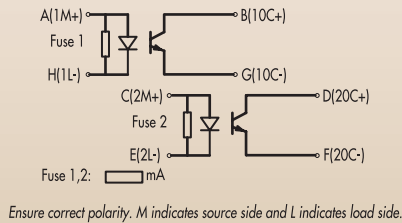
COMPACT SIZE OF TERMITRONIX

TERMITRONIX 2-WAY RESETTABLE FUSE ELEMENT

TYPE : TRMERSFE

This control element functions like a fuse for two independent circuits. It provides automatic resettable protection for two independent circuits (no fuse replacement) Output : open collector output, rated V_{CE} with external pull ups, compatible with resistive and inductive loads. Comes with inbuilt Surge Protection and Reverse Polarity Protection. Rated input: 24,48,110,220 V AC, Rated output: 5 to 48 V DC, 25 mA Mounting on Universal DIN rails TS32, TS35

BLOCK DIAGRAM

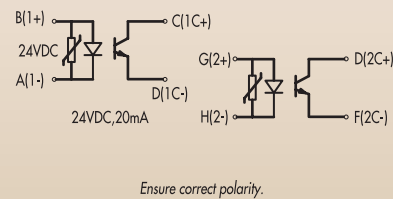


TERMITRONIX 2-WAY OPTO ISOLATOR ELEMENT

TYPE : TRME2COISO

Used for optical isolation between controller and field equipment. Can drive resistive and inductive loads up to 250mA. Comes with inbuilt Surge Protection and Reverse Polarity Protection. Rated input: 24,48,110,220 V AC, Rated output: 5 to 48 V DC, 25 mA Mounting on Universal DIN rails TS32, TS35

BLOCK DIAGRAM

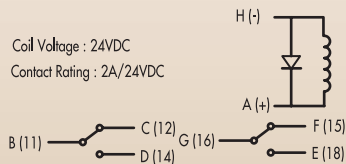


TERMITRONIX 2-CHANGE OVER RELAY ELEMENT

TYPE : TRME2CRE

Provides input and output interface to PLCs. Can drive field loads upto 5 Amp, using 2-change over relays. Contacts are hermetically sealed, miniature but robust contacts having contact Bounce. Rated coil Voltage: 12,24 V DC. Coils: 260 Ohms (12V), 110 Ohms (24V). Contacts rated for continuous rating of 5A. Mounting on Universal DIN rails TS32, TS35

BLOCK DIAGRAM

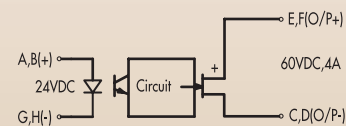


TERMITRONIX SOLID STATE RELAY ELEMENT

TYPE : TRMEDSSR

Provides Potential Separation between Field Signals and Controller Signals. Used in DC Drives, Stepper Motor Drives and High Switching applications. OPTO isolation 2500 VAC. Built Diode Protection, Reverse Polarity Protection. Contact Bounce: Zero. Rated Input: 3 to 32 VDC. Low actuation current. Compatible with TTL/CMOS logic. Mounting on Universal DIN rails TS32, TS35

BLOCK DIAGRAM



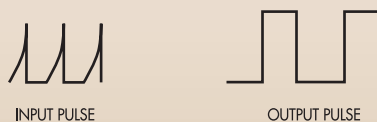
TERMITRONIX ENCODER ELEMENT

TYPE : TRMEENCR

Output from field is often in the form of high frequency pulses, generally not acceptable to designers, application engineers and users. The Termitronix range offers a major advantage in control circuit design, the Termitronix range offers a major advantage in design, applications, service and repair- maintenance related control circuits.

The elmex Termitronix Encoder Element has several unique features:

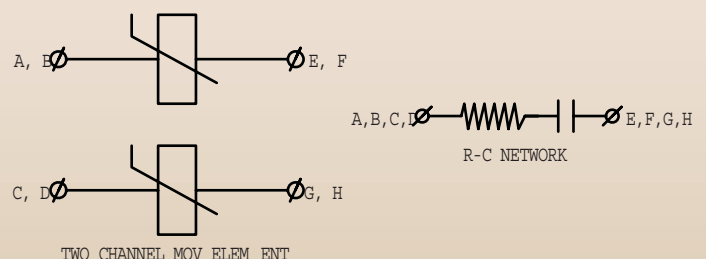
Provides Optical Isolation between input & output. Provides control over break-even voltage. Compatible with all high frequency output. Clamped output of Encoder element for compatibility with controller. Configurable with zero-crossing circuit for controlling threshold voltage. Very low burden to field devices to high input impedance of Encoder element.



The illustrations of MOV Modules and RC Snubber Circuit indicate that elmex develops various other control elements based on customer needs. Compact size, not acceptable to designers, application engineers and users. The Termitronix range offers a major advantage in control circuit design, the Termitronix range offers a major advantage in design, applications, service and repair- maintenance related control circuits.

**TERMITRONIX
MOV MODULE
TYPE : TRMEMOV**

**TERMITRONIX
RC SNUBBER ELEMENT
TYPE : TRMERCE**



"U" SERIES TERMINALS

elmex "U" series

Terminal Blocks are based on Modular Type design with all Brass parts for special applications. The proven screw clamp design offers high contact force. The special design of the clamp makes it possible to terminate 0.2 sq mm conductor on the lower side.

All metal parts are made of high conductivity brass. The housing is made from Polyamide 66.

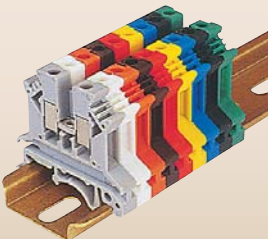
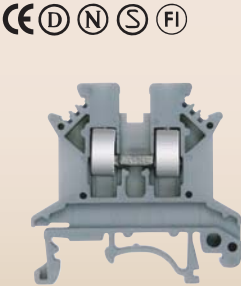
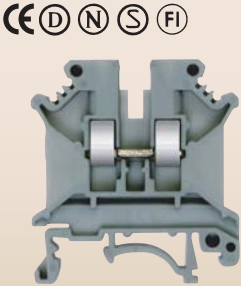
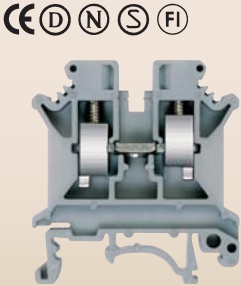
The feed through terminal blocks are available to accommodate conductor sizes from 0.2 sq mm to 10 sq mm.

elmex Twin Terminal

Blocks solve the problem of power distribution by accommodating two separate cable connection points on the load side.

elmex Double Level

Terminal Blocks offer an easy solution to space problem. The special feature of providing offset between lower and upper decks allow better accessibility to the lower level screws and better visibility of labels.

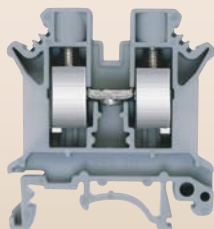
DESCRIPTION	UBT 2.5	UBT 4	UBT 6
TERMINAL PITCH	6 mm (0.24 inch)	6 mm (0.24 inch)	8 mm (0.31 inch)
HEIGHT x WIDTH in mm (Inch)	40.7 x 42.5 (1.60 x 1.67)	45.9 x 42.5 (1.81 x 1.67)	45.9 x 42.5 (1.81 x 1.67)
RATED CROSS SECTION	2.5 sq mm	4 sq mm	6 sq mm
CONNECTION Flexible	0.2 sq mm - 2.5 sq mm	0.5 sq mm - 4 sq mm	0.5 sq mm - 6 sq mm
POSSIBILITY Rigid	0.2 sq mm - 4 sq mm	0.5 sq mm - 6 sq mm	0.5 sq mm - 10 sq mm
WIRE STRIPPING LENGTH	7 mm	8 mm	10 mm
TYPE OF CONNECTION	2 screw clamp & 1 tapped hole for cross connection	2 screw clamp & 1 tapped hole for cross connection	2 screw clamp & 1 tapped hole for cross connection
RATINGS IEC 60947-7-1	1000 V/28 A/2.5 sq mm/0.5 Nm 600 V/27 A/12-24 AWG/5 Lbln	1000 V/32 A/4 sq mm/0.5 Nm 600 V/35 A/10-24 AWG/6 Lbln	800 V/41 A/6 sq mm/1.2 Nm 600 V/50 A/8-24 AWG/13 Lbln
SCREW SIZE	M3	M3	M4
   			
TERMINAL TYPE	CAT #	CAT #	CAT #
END PLATE	UBT 2.5	UBT 4	UBT 6
PARTITION PLATE WITHOUT FOOT	UPNS	UP X	UP X
PARTITION PLATE WITH FOOT	UBP	UBP	UBP
SUPPORT FOR PROTECTION COVER	KBXF	KBXF	KBXF
PROTECTION COVER	UHDD	UHDD	UHDD
END CLAMPS	PCK 3	PCK 3	PCK 3
SHORTING LINK ASSEMBLY	SCKN	SCKN	SCKN
GROUP MARKING CARRIER	SCUN	SCUN	SCUN
COLOUR:	SCUSL	SCUSL	SCUSL
MOUNTING CHANNEL	SCUDD	SCUDD	SCUDD
STANDARD LENGTHS 300MM, 500MM, 1000MM	SLU 4 - 2W	SLU 4 - 2W	SLU 6 - 2W
	SLU 4 - 3W	SLU 4 - 3W	SLU 6 - 3W
	SLU 4 - 4W	SLU 4 - 4W	SLU 6 - 4W
	SLU 4 - 5W	SLU 4 - 5W	SLU 6 - 5W
	SLU 4 - 10W	SLU 4 - 10W	SLU 6 - 10W
	Label U6	Label U6	Label U8
	SCKNMLH	SCKNMLH	SCKNMLH
	SCUNMLH	SCUNMLH	SCUNMLH
	UBT2.5(G), UBT2.5(K)	UBT4(G), UBT4(K)	UBT6(G), UBT6(K)
	UBT2.5(R), UBT2.5(Y), UBT2.5(B)	UBT4(R), UBT4(Y), UBT4(B)	UBT6(R), UBT6(Y), UBT6(B)
	UBT2.5(BL), UBT2.5(GR)	UBT4(BL), UBT4(GR)	UBT6(BL), UBT6(GR)
	CHS 3/5/10	CHS 3/5/10	CHS 3/5/10
	CHK 3/5/10	CHK 3/5/10	CHK 3/5/10
	CHK5 3/5/10	CHK5 3/5/10	CHK5 3/5/10
	CHKDS 10	CHKDS 10	CHKDS 10

"U" SERIES TERMINALS

UBT 10	UBDD 4	UBT 4 TWIN
10 mm (0.39 inch)	6.1 mm (0.24 inch)	6 mm (0.24 inch)
45.9 x 42.5 (1.81 x 1.67)	61 x 56 (2.4 x 2.2)	46 x 46 (1.81 x 1.81)
10 sq mm	4 sq mm	4 sq mm
1.5 sq mm - 10 sq mm	0.2 sq mm - 4 sq mm	0.2 sq mm - 4 sq mm
1.5 sq mm - 16 sq mm	0.2 sq mm - 6 sq mm	0.2 sq mm - 6 sq mm
10 mm	8 mm	8 mm
2 screw clamp & 1 tapped hole for cross connection	4 screw clamp & 1 tapped hole in upper tier for cross connection	3 screw clamp & 1 tapped hole for cross connection
800 V/65 A/10 sq mm/1.2 Nm 600 V/65 A/6-24 AWG/13 Lbln	630 V/32 A/4 sq mm/0.5 Nm 300 V/35 A/10-24 AWG/5 Lbln	400 V/32 A/4 sq mm/0.5 Nm 300 V/30 A/10-24 AWG/5 Lbln

M4

CE D N S FI



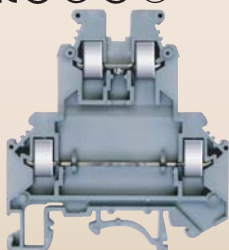
CAT #	STD. PKG.	WT/STD.PKG-KG
UBT 10	100	1.77
UP X	100	0.37
UBP	100	0.50
KBXF	100	0.54
UHDD	100	0.80
PCK 3	100	7.00
SCKN	100	0.80
SCUN	100	0.94
SCUSL	50	0.63
SCUDD	50	0.64
SLU 10 -2W	100	0.43
SLU 10 -3W	100	0.58
SLU 10 -4W	100	0.43
SLU 10 -5W	50	0.24
SLU 10 -10W	50	0.48
Label U10	100 Strips	0.18
SCKNMLH	50	0.55
SCUNMLH	50	0.60
UBT10(G), UBT10(K) UBT10(R), UBT10(Y), UBT10(B) UBT10(BL), UBT10(GR)		
CHS 3/5/10	100/100/50	22/37/36
CHK 3/5/10	100/100/100	11/19/36
CHKS 3/5/10	100/100/100	11/17/34
CHKDS 10	50	34.50

UBDD 4

6.1 mm (0.24 inch)
61 x 56 (2.4 x 2.2)
4 sq mm
0.2 sq mm - 4 sq mm
0.2 sq mm - 6 sq mm
8 mm
4 screw clamp & 1 tapped hole in upper tier for cross connection
630 V/32 A/4 sq mm/0.5 Nm 300 V/35 A/10-24 AWG/5 Lbln

M3

CE D N S FI



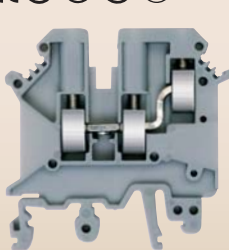
CAT #	STD. PKG.	WT/STD.PKG-KG
UBDD 4	100	1.63
UPDD	100	0.53
--	--	--
--	--	--
--	--	--
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SCKN	100	0.80
SCUN	100	0.94
SCUSL	50	0.63
SCUDD	50	0.64
SLU 4 - 2W	100	0.33
SLU 4 - 3W	100	0.48
SLU 4 - 4W	50	0.33
SLU 4 - 5W	50	0.40
SLU 4 - 10W	25	0.40
Label U6	100 Strips	0.14
SCKNMLH	50	0.55
SCUNMLH	50	0.60
UBDD4(G), UBDD4(K) UBDD4(R), UBDD4(Y), UBDD4(B) UBDD4(BL), UBDD4(GR)		
CHS 3/5/10	100/100/50	22/37/36
CHK 3/5/10	100/100/100	11/19/36
CHKS 3/5/10	100/100/100	11/17/34
CHKDS 10	50	34.50

UBT 4 TWIN

6 mm (0.24 inch)
46 x 46 (1.81 x 1.81)
4 sq mm
0.2 sq mm - 4 sq mm
0.2 sq mm - 6 sq mm
8 mm
3 screw clamp & 1 tapped hole for cross connection
400 V/32 A/4 sq mm/0.5 Nm 300 V/30 A/10-24 AWG/5 Lbln

M3

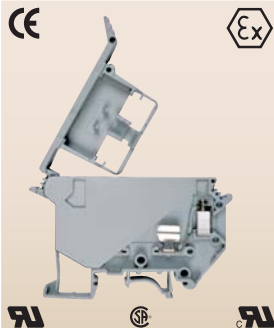
CE D N S FI



CAT #	STD. PKG.	WT/STD.PKG-KG
UBT 4 TWIN	100	1.24
UP TWIN	100	0.47
--	--	--
--	--	--
UHDD	100	0.80
PCK 3	100	7.00
SCKN	100	0.80
SCUN	100	0.94
SCUSL	50	0.63
SCUDD	50	0.64
SLU 4 -2W	100	0.33
SLU 4 -3W	100	0.48
SLU 4 -4W	50	0.33
SLU 4 -5W	50	0.40
SLU 4 -10W	25	0.40
Label U6	100 Strips	0.14
SCKNMLH	50	0.55
SCUNMLH	50	0.60
UBT4TWIN(G), UBT4TWIN(K) UBT4TWIN(R), UBT4TWIN(Y), UBT4TWIN(B) UBT4TWIN(BL), UBT4TWIN(GR)		
CHS 3/5/10	100/100/50	22/37/36
CHK 3/5/10	100/100/100	11/19/36
CHKS 3/5/10	100/100/100	11/17/34
CHKDS 10	50	34.50



"U" SERIES TERMINALS

DESCRIPTION	UBDF 4	UBDF 4D*	UBDF 4A*	
TERMINAL PITCH	8.25 mm (0.32 inch)	8.25 mm (0.32 inch)	8.25 mm (0.32 inch)	
HEIGHT x WIDTH in mm (Inch)	56.5 x 72.5 (2.22 x 2.85)	56.5 x 72.5 (2.22 x 2.85)	56.5 x 72.5 (2.22 x 2.85)	
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 - 6 sq mm	0.5 sq mm - 6 sq mm	0.5 sq mm - 6 sq mm	
WIRE STRIPPING LENGTH	8 mm	8 mm	8 mm	
TYPE OF CONNECTION	2 screw clamp	2 screw clamp	2 screw clamp	
RATINGS IEC 60947-7-1 	1000 V/6.3 A/4 sq mm/0.5 Nm 600 V/10 A/10-24 AWG/5 Lbln	1000 V/6.3 A/4 sq mm/0.5 Nm 600 V/10 A/10-24 AWG/5 Lbln	1000 V/6.3 A/4 sq mm/0.5 Nm 600 V/10 A/10-24 AWG/5 Lbln	
SCREW SIZE	M3	M3	M3	
				
				
TERMINAL TYPE	CAT # STD. PKG. WT/STD.PKG-KG	CAT # STD. PKG. WT/STD.PKG-KG	CAT # STD. PKG. WT/STD.PKG-KG	
END PLATE	UBDF 4 100 2.10	UBDF 4D 100 2.10	UBDF 4A 100 2.10	
PARTITION PLATE WITHOUT FOOT	Not Required	Not Required	Not Required	
PARTITION PLATE WITH FOOT	-- -- --	-- -- --	-- -- --	
SUPPORT FOR PROTECTION COVER	-- -- --	-- -- --	-- -- --	
PROTECTION COVER	-- -- --	-- -- --	-- -- --	
END CLAMPS	SCKN 100 0.80 SCUN 100 0.94 SCUSL 50 0.63 SCUDD 50 0.64	SCKN 100 0.80 SCUN 100 0.94 SCUSL 50 0.63 SCUDD 50 0.64	SCKN 100 0.80 SCUN 100 0.94 SCUSL 50 0.63 SCUDD 50 0.64	
COMB LINK	CLUF-2W 100 0.20 -- -- -- -- -- -- -- -- -- CLUF-10W 50 0.40	CLUF-2W 100 0.20 -- -- -- -- -- -- -- -- -- CLUF-10W 50 0.40	CLUF-2W 100 0.20 -- -- -- -- -- -- -- -- -- CLUF-10W 50 0.40	
MARKING LABEL	Label U8.25 100 Strips 0.16	Label U8.25 100 Strips 0.16	Label U8.25 100 Strips 0.16	
GROUP MARKING CARRIER	SCKNMLH 50 0.55 SCUNMLH 50 0.60	SCKNMLH 50 0.55 SCUNMLH 50 0.60	SCKNMLH 50 0.55 SCUNMLH 50 0.60	
COLOUR:	UBDF4(G), UBDF4(K) UBDF4(R), UBDF4(Y), UBDF4(B) UBDF4(BL), UBDF4(GR)	UBDF4D(G), UBDF4D(K) UBDF4D(R), UBDF4D(Y), UBDF4D(B) UBDF4D(BL), UBDF4D(GR)	UBDF 4A(G), UBDF 4A(K) UBDF 4A(R), UBDF 4A(Y), UBDF 4A(B) UBDF 4A(BL), UBDF4A(GR)	
MOUNTING CHANNEL	CHS 3/5/10 100/100/50 22/37/36 CHK 3/5/10 100/100/100 11/19/36 CHKS 3/5/10 100/100/100 11/17/34 CHKDS 10 50 34.50	CHS 3/5/10 100/100/50 22/37/36 CHK 3/5/10 100/100/100 11/19/36 CHKS 3/5/10 100/100/100 11/17/34 CHKDS 10 50 34.50	CHS 3/5/10 100/100/50 22/37/36 CHK 3/5/10 100/100/100 11/19/36 CHKS 3/5/10 100/100/100 11/17/34 CHKDS 10 50 34.50	
STANDARD LENGTHS 300MM, 500MM, 1000MM				

*AVAILABLE SIGNAL VOLTAGE

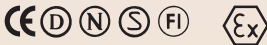
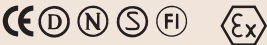
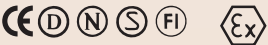
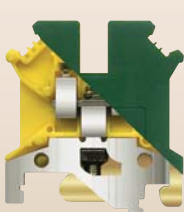
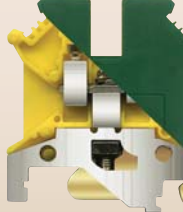
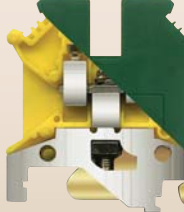
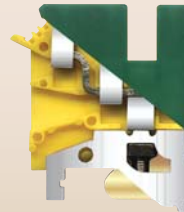
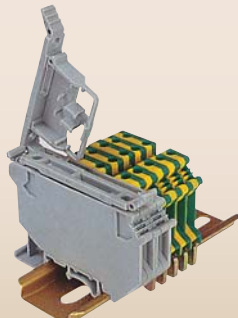
UBDF4D1 = 24 VDC
UBDF4D2 = 48 VDC
UBDF4D3 = 110 VDC
UBDF4D4 = 220 VDC
UBDF4D5 = 12 VDC

*AVAILABLE SIGNAL VOLTAGE

UBDF4A1 = 110 VAC
UBDF4A2 = 220 VAC

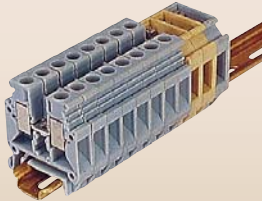
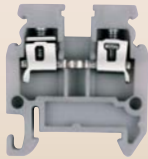
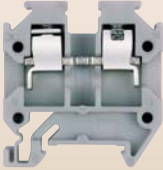
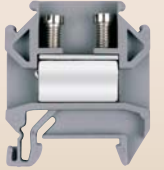


"U" SERIES TERMINALS

EBT 2.5	EBT 4	EBT 6	EBT 4TWIN	
6.2 mm (0.25 inch)	6.2 mm (0.25 inch)	8.2 mm (0.32 Inch)	6 mm (0.24 inch)	
42 x 42.5 (1.65 x 1.68)	47 x 42.5 (1.85 x 1.68)	47 x 42.5 (1.85 x 1.68)	46 x 36.75 (1.81 x 1.45)	
2.5 sq mm	4 sq mm	6 sq mm	4 sq mm	
0.2 sq mm - 2.5 sq mm	0.5 sq mm - 4 sq mm	1.5 sq mm - 6 sq mm	0.2 sq mm - 4 sq mm	
0.2 sq mm - 4 sq mm	0.5 sq mm - 6 sq mm	1.5 sq mm - 10 sq mm	0.2 sq mm - 6 sq mm	
9 mm	10 mm	12 mm	8 mm	
2 screw clamp	2 screw clamp	2 screw clamp	3 screw clamp	
2.5 sq mm/0.5 Nm	4 sq mm/0.5 Nm	6 sq mm/1.2 Nm	4 sq mm/0.5 Nm	
12-24 AWG/5 Lbln	10-24 AWG/5 Lbln	8-24 AWG/11 Lbln	10-24 AWG/5 Lbln	
M3	M3	M4	M3	
				
				
				
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	
EBT 2.5 50 1.08	EBT 4 50 1.15	EBT 6 50 1.65	EBT 4 TWIN 50 1.3	
Not Required	Not Required	Not Required	Not Required	
-- -- --	-- -- --	-- -- --	-- -- --	
KBXF 100 0.54	KBXF 100 0.54	KBXF 100 0.54	KBZF 100 0.75	
UHDD 100 0.80	UHDD 100 0.80	UHDD 100 0.80	UHDD 100 0.80	
PCK 3 100 7.00	PCK 3 100 7.00	PCK 3 100 7.00	PCK 3 100 7.00	
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	
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	
-- -- --	-- -- --	-- -- --	-- -- --	
-- -- --	-- -- --	-- -- --	-- -- --	
-- -- --	-- -- --	-- -- --	-- -- --	
-- -- --	-- -- --	-- -- --	-- -- --	
-- -- --	-- -- --	-- -- --	-- -- --	
Label U6 100 Strip 0.14	Label U6 100 Strip 0.14	Label U8 100 Strips 0.18	Label U6 100 0.14	
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	
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	
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	

elmex Micro Terminal Blocks are small in size and light in weight yet functionally the same as Standard Terminal Blocks. They are specially developed for installation where space is extremely limited but the same cable density is required as in a normal situation. They can be mounted on TS 15 Rail, which is also smaller, lighter and more economical than TS 32 and TS 35 Rails.

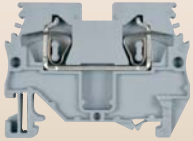
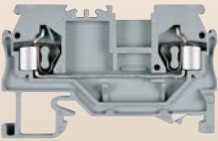
The terminals are recommended for use in industries like Elevators, Automation, etc.

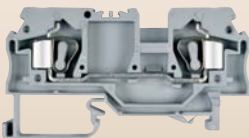
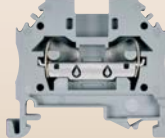
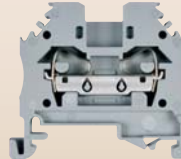
DESCRIPTION		SUT 1.5		SUT 4		CET 4				
TERMINAL PITCH		5 mm (0.2 inch)		6 mm (0.24 inch)		6.5 mm (0.26 inch)				
HEIGHT x WIDTH in mm (Inch)		24 x 22.5 (0.94 x 0.89)		29 x 27 (1.14 x 1.06)		29 x 26 (1.14 x 1.02)				
RATED CROSS SECTION		1.5 sq mm		2.5 sq mm		4 sq mm				
CONNECTION	Flexible	0.5 sq mm - 1.5 sq mm		0.5 sq mm - 2.5 sq mm		0.5 sq mm - 4 sq mm				
POSSIBILITY	Rigid	0.5 sq mm - 2.5 sq mm		0.5 sq mm - 4 sq mm		0.5 sq mm - 6 sq mm				
WIRE STRIPPING LENGTH		7 mm		8 mm		8 mm				
TYPE OF CONNECTION		2 screw clamp & 1 tapped hole for cross connection		2 screw clamp & 1 tapped hole for cross connection		2 screw clamp & 1 tapped hole for cross connection				
RATINGS	IEC 60947-7-1 	320 V/18 A/1.5 sq mm/0.4 Nm 300 V/18 A/14-24 AWG/3.5 Lbln		500 V/24 A/2.5 sq mm/ 0.5 Nm 300 V/22 A/12-24 AWG/4.5 Lbln		500 V/32 A/4 sq mm/ 0.5 Nm --				
SCREW SIZE		M 2.6		M3		M3				
		 		 		 				
		CAT #	STD. PKG.	WT/STD.PKG-KG	CAT #	STD. PKG.	WT/STD.PKG-KG	CAT #	STD. PKG.	WT/STD.PKG-KG
TERMINAL TYPE		SUT 1.5	100	0.38	SUT 4	100	0.57	CET 4	100	0.56
END PLATE 		ES 2	100	0.06	ES 4	100	0.12	EPMN	100	0.12
END CLAMPS 		SCM	200	0.72	SCM	200	0.72	SCM	200	0.72
		SCMN	100	0.25	SCMN	100	0.25	SCMN	100	0.25
SHORTING LINK ASSEMBLY		CCLA 1.5-2W	100	0.25	CCLA DD-2W	100	0.25	SLE - 2W	100	0.12
		CCLA 1.5-3W	100	0.38	CCLA DD-3W	100	0.38	SLE - 3W	100	0.18
		CCLA 1.5-4W	100	0.50	CCLA DD-4W	100	0.51	SLE - 4W	100	0.24
		CCLA 1.5-5W	50	0.32	CCLA DD-5W	50	0.32	SLE - 5W	50	0.15
		CCLA 1.5-10W	50	0.63	CCLA DD-10W	50	0.65	--	--	--
COMB LINK		--	--	--	SLCM2.5 - 2W	100	0.20	--	--	--
		--	--	--	SLCM2.5 - 3W	100	0.30	--	--	--
		--	--	--	SLCM2.5 - 4W	100	0.40	--	--	--
		--	--	--	SLCM2.5 - 5W	50	0.25	--	--	--
		--	--	--	SLCM2.5 - 10W	50	0.50	--	--	--
MARKING LABEL 		--	--	--	Label KN 5.5	100 Strips	0.08	Label KN 5.5	100 Strips	0.08
COLOUR:   GREY, KHAKHI		SUT1.5(G), SUT1.5(K)			SUT4(G), SUT4(K)			CET4(G), CET4(K)		
  RED, YELLOW, BLUE		SUT1.5(R), SUT1.5(Y), SUT1.5(B)			SUT4(R), SUT4(Y), SUT4(B)			CET4(R), CET4(Y), CET4(B)		
  BLACK, GREEN		SUT1.5(BL), SUT1.5(GR)			SUT4(BL), SUT4(GR)			CET4(BL), CET4(GR)		
MOUNTING CHANNEL		CHM 10	100	30	CHM 10	100	30	CHM 10	100	30
STANDARD LENGTHs 300mm, 500mm, 1000mm 										

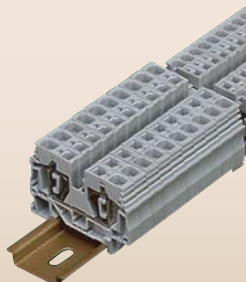
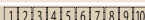
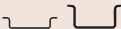


NET 4	MBT 4	PET 4		
6.5 mm (0.26 inch)	6 mm (0.24 inch)	6 mm (0.24 inch)		
29 x 26 (1.14 x 1.02)	31.25 x 28 (1.23 x 1.10)	27 x 27 (1.06 x 1.06)		
4 sq mm	2.5 sq mm	4 sq mm		
0.5 sq mm - 4 sq mm	0.2 sq mm - 2.5 sq mm	0.2 sq mm - 4 sq mm		
0.5 sq mm - 6 sq mm	0.2 sq mm - 4 sq mm	0.2 sq mm - 4 sq mm		
8 mm	8 mm	9 mm		
2 screw clamp & 1 tapped hole for cross connection	2 screw clamp & 1 tapped hole for cross connection	2 screw clamp & 1 tapped hole for cross connection		
500 V/32 A/4 sq mm/ 0.5 Nm 300 V/37 A/10-24 AWG/4 Lbln	630 V/30 A/2.5 sq mm/0.5 Nm 300 V/35 A/10-22 AWG/5 Lbln	500 V/32 A/4 sq mm/ 0.5 Nm --		
M3	M3	M3		
<				



DESCRIPTION	DCT 2.5N	DST 2.5	DCT 4N	DST 4
TERMINAL PITCH	5 mm (0.2 inch)	5 mm (0.20 inch)	6 mm (0.24 inch)	6 mm (0.24 inch)
HEIGHT x WIDTH in mm (inch)	33.65 x 47 (1.32 x 1.85)	33 x 53 (1.29 x 2.08)	37 x 50.5 (1.46 x 2.00)	33.5 x 59 (1.31 x 2.32)
RATED CROSS SECTION	2.5 sq mm	2.5 sq mm	4 sq mm	4 sq mm
WIRE STRIPPING LENGTH	9 mm	11 mm	9 mm	12 mm
TYPE OF CONNECTION	2 Spring Clamp Connections & 2 Slots for Inter-connection	2 Spring Clamp Connections & 2 Slots for Inter-connection	2 Spring Clamp Connections & 2 Slots for Inter-connection	2 Spring Clamp Connections & 2 Slots for Inter-connection
RATINGS IEC 60947-7-1	800 V/24 A/2.5 sq mm	800 V/24 A/2.5 sq mm	800 V/32 A/4 sq mm	800 V/32 A/4 sq mm
    				
TERMINAL TYPE	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
END PLATE	DCT 2.5N 100 0.53	DST 2.5 100 0.60	DCT 4N 100 0.60	DST 4 100 0.90
END CLAMPS	DEP 2.5 50 0.26	DSEP 2.5 50 0.24	DEP 4N 50 0.28	DSEP 4 50 0.30
	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
	SCUDD 50 0.64	SCUDD 50 0.64	SCUDD 50 0.64	SCUDD 50 0.64
	SCUSL 50 0.63	SCUSL 50 0.63	SCUSL 50 0.63	SCUSL 50 0.63
INSULATED PUSH IN TYPE SHORTING LINK - 2 WAY	DCKN 100 0.80	DCKN 100 0.80	DCKN 100 0.80	DCKN 100 0.80
MARKING LABEL	DSL 2.5 100 0.17	SSL 2.5 100 0.27	DSL 4 100 0.17	SSL 4 100 0.27
GROUP MARKING CARRIER	KN 5 100 Strip 0.07	KN 5 100 Strip 0.07	KN 5.5 100 Strip 0.08	KN 5.5 100 Strip 0.08
COLOUR:  GREY, KHAKHI  RED, YELLOW, BLUE  BLACK, GREEN	DCT 2.5N(G), DCT 2.5N(K)	DST 2.5(G), DST 2.5(K)	DCT 4N(G), DCT 4N(K)	DST 4(G), DST 4(K)
	DCT 2.5N(R), DCT 2.5N(Y), DCT 2.5N(B)	DST 2.5(R), DST 2.5(Y), DST 2.5(B)	DCT 4N(R), DCT 4N(Y), DCT 4N(B)	DST 4(R), DST 4(Y), DST 4(B)
	DCT 2.5N(BL), DCT 2.5N(GR)	DST 2.5(BL), DST 2.5(GR)	DCT 4N(BL), DCT 4N(GR)	DST 4(BL), DST 4(GR)
MOUNTING CHANNEL	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
STANDARD LENGTHS 300mm, 500mm, 1000mm	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
	CHKDS10 50 34.10	CHKDS10 50 34.10	CHKDS10 50 34.10	CHKDS10 50 34.10

DST 6	DST 10	SCT 2.5	SCT 4	DCT 2.5 - 1x2
8.2 mm (0.32 inch)	10 mm (0.39 inch)	5 mm (0.20 inch)	6 mm (0.24 inch)	5 mm (0.20 inch)
39.5 x 73.5 (1x55.89)	42 x 76.5 (1.65.01)	35 x 42.5 (1.38 x 1.67)	37 x 40 (1.46 x 1.57)	40.50 x 50 (1.59 x 1.97)
6 sq mm	10 sq mm	2.5 sq mm	4 sq mm	2.5 sq mm
12 mm	12 mm	8.5 mm	8.5 mm	10 mm
2 Spring Clamp Connections & 2 Slots for Inter-connection	2 Spring Clamp Connections & 2 Slots for Inter-connection	2 Spring Clamp Connections & 2 Slots for Inter-connection	2 Spring Clamp Connections & 2 Slots for Inter-connection	3 Spring Clamp Connections & 2 Slots for Inter-connection
800 V/41 A/6 sq mm	800 V/57 A/10 sq mm	800 V/24 A/2.5 sq mm	800 V/32 A/4 sq mm	800 V/24 A/2.5 sq mm
				
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
DST 6 100 1.80	DST 10 100 2.50	SCT 2.5 100 0.53	SCT 4 100 0.53	DCT 2.5 - 1x2 100 0.73
DSEP 6 50 0.36	DSEP 10 50 0.40	SEP 2.5 100 0.52	SEP 4 100 0.52	DMP 2.5 50 0.40
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
SCUDD 50 0.64	SCUDD 50 0.64	SCUDD 50 0.64	SCUDD 50 0.64	SCUDD 50 0.64
SCUSL 50 0.63	SCUSL 50 0.63	SCUSL 50 0.63	SCUSL 50 0.63	SCUSL 50 0.63
DCKN 100 0.80	DCKN 100 0.80	DCKN 100 0.80	DCKN 100 0.80	DCKN 100 0.80
SSL 6 100 0.30	SSL 10 100 0.35	SSL 2.5 100 0.17	SSL 4 100 0.17	SSL 2.5 100 0.30
KN 8 100 Strip 0.12	KN 10 100 Strip 0.15	KN 5 100 Strips 0.07	KN 5.5 100 Strips 0.08	KN 5 100 Strips 0.07
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
DST 6(G), DST 6(K)	DST 10(G), DST 10(K)	SCT 2.5(G), SCT 2.5(K)	SCT 4(G), SCT 4(K)	DCT 2.5 - 1x2(G), DCT 2.5 - 1x2(K)
DST 6(R), DST 6(Y), DST 6(B)	DST 10(R), DST 10(Y), DST 10(B)	SCT 2.5(R), SCT 2.5(Y), SCT 2.5(B)	SCT 4(R), SCT 4(Y), SCT 4(B)	DCT 2.5 - 1x2(R), DCT 2.5 - 1x2(Y), DCT 2.5 - 1x2(B)
DST 6(BL), DST 6(GR)	DST 10(BL), DST 10(GR)	SCT 2.5(BL), SCT 2.5(GR)	SCT 4(BL), SCT 4(GR)	DCT 2.5 - 1x2(BL), DCT 2.5 - 1x2(GR)
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
CHKDS10 50 34.10	CHKDS10 50 34.10	CHKDS10 50 34.50	CHKDS10 50 34.50	CHKDS10 50 34.50

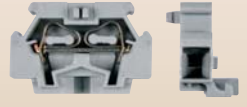
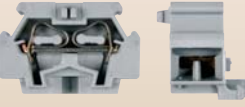
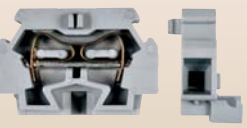
DESCRIPTION		DCT 2.5 - 2x2	DCF 4	DCF 4D*	DCF 4A*
TERMINAL PITCH		5 mm (0.20 inch)	8 mm (0.31 inch)	8 mm (0.31 inch)	8 mm (0.31 inch)
HEIGHT x WIDTH in mm (inch)		40.50 x 50 (1.59 x 1.97)	64.8 x 60 (2.55 x 2.36)	64.8 x 60 (2.55 x 2.36)	64.8 x 60 (2.55 x 2.36)
RATED CROSS SECTION		2.5 sq mm	4 sq mm	4 sq mm	4 sq mm
WIRE STRIPPING LENGTH		10 mm	11 mm	11 mm	11 mm
TYPE OF CONNECTION		4 Spring Clamp Connections	2 Spring Clamp Connections & 2 Slots for Inter-connection	2 Spring Clamp Connections & 2 Slots for Inter-connection	2 Spring Clamp Connections & 2 Slots for Inter-connection
RATINGS	IEC 60947-7-1	800 V/24 A/2.5 sq mm	800 V/10 A/4 sq mm	800 V/10 A/4 sq mm	800 V/10 A/4 sq mm
					
		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
TERMINAL TYPE		DCT 2.5 - 2x2 100 0.85	DCF 4 100 2.00	DCF 4D 100 2.00	DCF 4A 100 2.00
END PLATE 		DMP 2.5 50 0.40	DFEP 50 0.40	DFEP 50 0.40	DFEP 50 0.40
END CLAMPS    		SCKN 100 0.80 SCUN 100 0.94 SCUDD 50 0.64 SCUSL 50 0.63 DCKN 100 0.80	SCKN 100 0.80 SCUN 100 0.94 SCUDD 50 0.64 SCUSL 50 0.63 DCKN 100 0.80	SCKN 100 0.80 SCUN 100 0.94 SCUDD 50 0.64 SCUSL 50 0.63 DCKN 100 0.80	SCKN 100 0.80 SCUN 100 0.94 SCUDD 50 0.64 SCUSL 50 0.63 DCKN 100 0.80
INSULATED PUSH IN TYPE SHORTING LINK - 2 WAY --		-- -- --	SSL 4 100 0.27	SSL 4 100 0.27	SSL 4 100 0.27
MARKING LABEL 		KN 5 100 Strip 0.07	KN 8 100 Strip 0.12	KN 8 100 Strip 0.12	KN 8 100 Strip 0.12
GROUP MARKING CARRIER  		SCKNMLH 50 0.55 SCUNMLH 50 0.60	SCKNMLH 50 0.55 SCUNMLH 50 0.60	SCKNMLH 50 0.55 SCUNMLH 50 0.60	SCKNMLH 50 0.55 SCUNMLH 50 0.60
COLOUR:  GREY, KHAKHI  RED, YELLOW, BLUE  BLACK, GREEN		DCT 2.5 - 2x2 (G), DCT 2.5 - 2x2 (K) DCT 2.5 - 2x2 (R), DCT 2.5 - 2x2 (Y), DCT 2.5 - 2x2 (BL), DCT 2.5 - 2x2 (GR)	DCF 4 (G), DCF 4 (K) DCF 4 (R), DCF 4 (Y), DCF 4 (B) DCF 4 (BL), DCF 4 (GR)	DCF 4D (G), DCF 4D (K) DCF 4D (R), DCF 4D (Y), DCF 4D (B) DCF 4D (BL), DCF 4D (GR)	DCF 4A (G), DCF 4A (K) DCF 4A (R), DCF 4A (Y), DCF 4A (B) DCF 4A (BL), DCF 4A (GR)
MOUNTING CHANNEL		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
STANDARD LENGTHS 300mm, 500mm, 1000mm		CHKS 3/5/10 100/100/100 11/17/34 CHKDS10 50 34.10	CHKS 3/5/10 100/100/100 11/17/34 CHKDS10 50 34.10	CHKS 3/5/10 100/100/100 11/17/34 CHKDS10 50 34.10	CHKS 3/5/10 100/100/100 11/17/34 CHKDS10 50 34.10
					

* AVAILABLE SIGNAL VOLTAGE

DCF 4D1 = 24 VDC
 DCF 4D2 = 48 VDC
 DCF 4D3 = 110 VDC
 DCF 4D4 = 220 VDC
 DCF 4D5 = 12 VDC

* AVAILABLE SIGNAL VOLTAGE

DCF 4A1 = 110 VAC
 DCF 4A2 = 220 VAC

DCDT 4	MCT 2.5	MCT2.5P4	MCT 4	
8 mm (0.31 inch)	6 mm (0.24 inch)	10.30 mm (0.41 inch)	6 mm (0.24 inch)	
46.3 x 60 (1.82 x 2.36)	18.2 x 28.2 (0.72 x 1.11)	18.2 x 28.2 (0.72 x 1.11)	23 x 33.4 (0.91 x 1.31)	
4 sq mm	2.5 sq mm	2.5 sq mm	4 sq mm	
11 mm	8.5 mm	8.5 mm	8.5 mm	
2 Spring Clamp Connections & 2 slots for Inter-connection	2 Spring Clamp Connections & 2 Slots for Inter-connection	4 Spring Clamp Connections & 4 Slots for Inter-connection	2 Spring Clamp Connections & 2 Slots for Inter-connection	
800 V/20 A/4 sq mm	500 V/24 A/2.5 sq mm	500 V/24 A/2.5 sq mm	500 V/32 A/4 sq mm	
				
CAT # STD. PKG. WT/STD.PKG-KG DCDT 4 100 1.75 DCEP 50 0.40 SCKN 100 0.80 SCUN 100 0.94 SCUDD 50 0.64 SCUSL 50 0.63 DCKN 100 0.80 SSL 4 100 0.27 KN 8 100 Strip 0.12 SCKNMLH 50 0.55 SCUNMLH 50 0.60 DCDT 4 (G), DCDT 4 (K) DCDT 4 (R), DCDT 4 (Y), DCDT 4 (B) DCDT 4 (BL), DCDT 4 (GR) CHK 3/5/10 100/100/100 11/19/36 CHKS 3/5/10 100/100/100 11/17/34 CHKDS10 50 34.10	CAT # STD. PKG. WT/STD.PKG-KG MCT 2.5 100 0.25 MEP 2.5 50 0.15 SCKN 100 0.80 SCUN 100 0.94 SCUDD 50 0.64 SCUSL 50 0.63 DCKN 100 0.80 MSL 2.5 100 0.17 KN 5.5 100 Strip 0.08 SCKNMLH 50 0.55 SCUNMLH 50 0.60 MCT 2.5 (G), MCT 2.5 (K) MCT 2.5 (R), MCT 2.5 (Y), MCT 2.5 (B) MCT 2.5 (BL), MCT 2.5 (GR)	CAT # STD. PKG. WT/STD.PKG-KG MCT 2.5 P4 100 0.40 MEP 2.5 50 0.15 SCKN 100 0.80 SCUN 100 0.94 SCUDD 50 0.64 SCUSL 50 0.63 DCKN 100 0.80 MSL 2.5 100 0.17 KN 5.5 100 Strip 0.08 SCKNMLH 50 0.55 SCUNMLH 50 0.60 MCT 2.5 P4 (G), MCT 2.5 P4 (K) MCT 2.5 P4 (R), MCT 2.5 P4 (Y), MCT 2.5 P4 (B) MCT 2.5 P4 (BL), MCT 2.5 P4 (GR)	CAT # STD. PKG. WT/STD.PKG-KG MCT 4 100 0.40 MEP 4 50 0.15 SCKN 100 0.80 SCUN 100 0.94 SCUDD 50 0.64 SCUSL 50 0.63 DCKN 100 0.80 MSL 4 100 0.27 KN 5.5 100 Strip 0.08 SCKNMLH 50 0.55 SCUNMLH 50 0.60 MCT 4 (G), MCT 4 (K) MCT 4 (R), MCT 4 (Y), MCT 4 (B) MCT 4 (BL), MCT 4 (GR)	

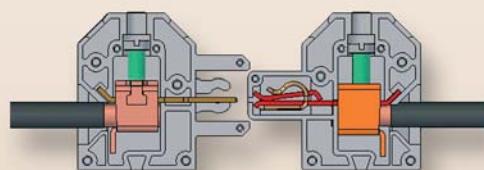
elmex Plug & Socket type terminal PS 8M is developed for applications in semi-draw out type motor control circuits/feeders. The connection between plug & socket parts of the terminal is established by contact mechanism employing spring action that provides permanent high contact pressure with very low resistance to securely connect the plug pin with the socket.

PS 8M terminals are stackable to facilitate termination with disconnecting facility, for multiple cables, depending on the application. This feature allows use of only required number of terminals for stacking.

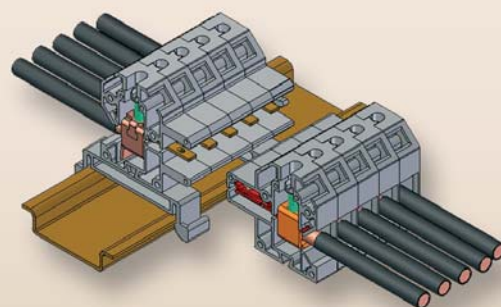
PS 8M terminals are available with options to mount on TS 35 DIN rails. The mounting feet can be attached to the terminals at the end of the stack. For disconnecting, the plug and the socket can be pulled apart.

The draw-out feature of PS 8M makes it a convenient choice for panels with modular constructions wherein separately wired modules or panels can be connected with one another once they are completely wired internally. Such a modular design facilitates quick disconnection for test and maintenance.

DESCRIPTION		PS 8M
TERMINAL PITCH		8 mm (0.31 inch)
HEIGHT x WIDTH in mm (Inch)		32 x 59 (1.26.32)
RATED CROSS SECTION		6 sq.mm
CONNECTION Flexible		0.5 sq mm - 6 sq mm
POSSIBILITY Rigid		0.5 sq mm - 6 sq mm
WIRE STRIPPING LENGTH		14 mm (0.55 inch)
TYPE OF CONNECTION		Screw Clamp
RATINGS	IEC 60947-7-1 	800 V/32 A/6 sq mm/8 Nm
SCREW SIZE		M3.5
		 2 Way to 12 Way (5 Way shown)
TERMINAL TYPE		CAT # STD. PKG. WT/STD. PKG-KG
END PLATE		PS 8M 15 1.30
PARTITION PLATE WITH FOOT		- - -
SUPPORT FOR PROTECTION COVER		- - -
PROTECTION COVER		- - -
END CLAMPS		SCEN 100 0.80
		SCUN 100 0.94
		SCUSL 50 0.63
		SCUDD 50 0.64
MARKING LABEL		Label KN 8 100 Strips 0.12
GROUP MARKING CARRIER		SCXNMLH 50 0.55
		SCUNMLH 50 0.60
COLOUR:	 GREY, KHAKHI RED, YELLOW, BLUE BLACK, GREEN	PS8M(G), PS8M(X) PS8M(R), PS8M(Y), PS8M(B) PS8M(BL), PS8M(GR),
MOUNTING CHANNEL		- - -
STANDARD LENGTHS 300mm, 500mm, 1000mm		CHK 3/5/10 100/100/100 11/19/36
		CHK 3/5/10 100/100/100 11/17/34
		CHKDS 10 50 34.50

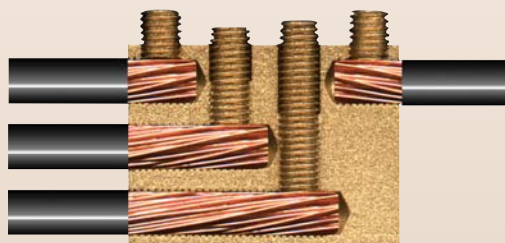
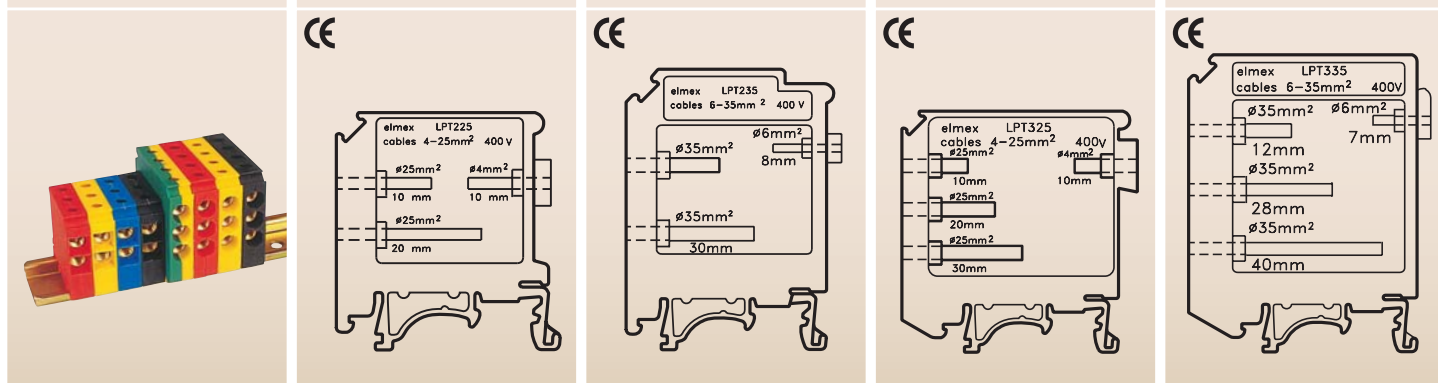


Sectional View of Plug and Socket Terminal PS 8M

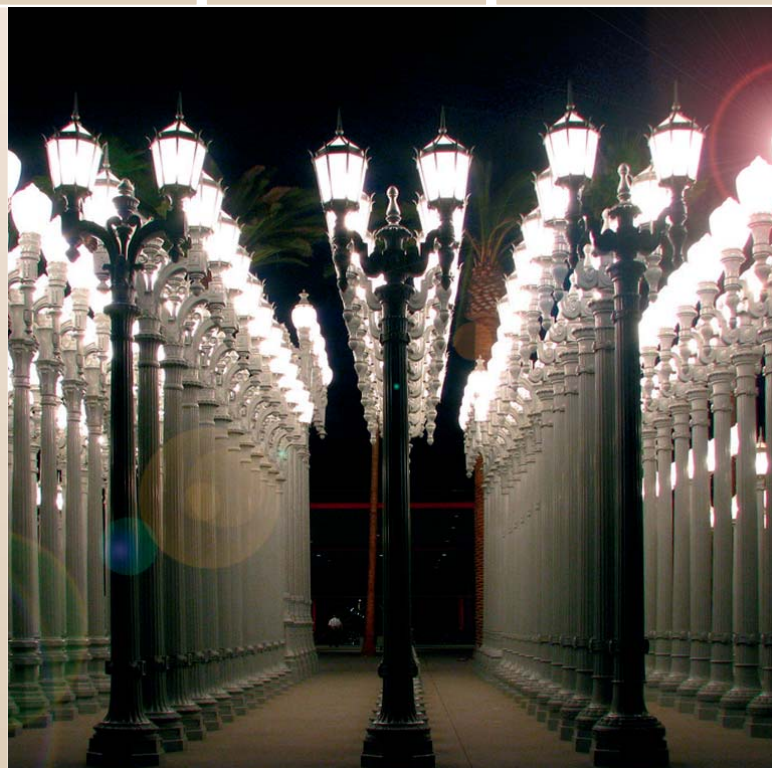
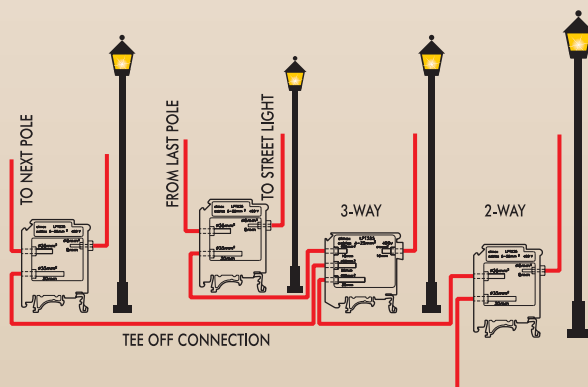


Plug and Socket Terminal PS 8M in Disconnect position

DESCRIPTION	LPT 225	LPT 235	LPT 325	LPT 335
TERMINAL PITCH	10.8 mm (0.43 Inch)	14.3 mm (0.56 Inch)	10.8 mm (0.43 Inch)	14.3 mm (0.56 Inch)
HEIGHT x WIDTH in mm (Inch)	43.6 x 41.20 (1.72 x 1.62)	57.65 x 44.35 (2.27 x 1.75)	53.2 x 52 (2.1 x 2.05)	65.6 x 53.5 (2.58 x 2.11)
RATED CROSS SECTION	4-25 sq mm	6-35 sq mm	4-25 sq mm	6-35 sq mm
WIRE STRIPPING LENGTH	As shown in Drawing	As shown in Drawing	As shown in Drawing	As shown in Drawing
RATINGS IEC 60947-7-1	400 V/101 A/4-25 sq mm	400 V/125 A/6-35 sq mm	400 V/101 A/4-25 sq mm	400 V/125 A/6-35 sq mm



APPLICATION - 2 & 3 WAY LIGHTING POLE TERMINALS



LIGHTING POLE TERMINALS

elmex Lighting Pole Terminals offer safe and reliable Termination Solutions for **Street Light Wiring** requirements. The special construction of Lighting Pole Terminals ensures minimum junctions unlike contemporary Terminal Blocks, thus making them suitable for long distance wiring without much heat generation and minimum voltage drop. A solid Copper Alloy Piece functions as Current Carrying part and Wire Clamping unit.

Lighting Pole Terminals come in two varieties - one with two inputs and one output, and the other with three inputs and one output. The first variety is suitable for continuous wiring across the length of streets. The second variety offers a facility for taking a 'T' junction as an additional feature. The **elmex** range includes Lighting Pole Terminals suitable for 25 sq mm & 35 sq mm wires. **elmex** offers Allen Key operated or Screw Driver operated terminals.