

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 terminal 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 POSSIBILITY	Flexible	0.5 sq mm - 2.5 sq mm		Flexible	0.5 sq mm - 10 sq mm		Flexible	0.5 sq mm - 16 sq mm	
	Rigid	0.5 sq mm - 2.5 sq mm		Rigid	0.5 sq mm - 10 sq mm		Rigid	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		IEC 60947-7-1 	1000 V/57 A/10 sq mm/1.2 Nm 600 V/50 A/8-14 AWG/11 Lbln		IEC 60947-7-1 	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	CAT #	STD. PKG.	WT/STD.PKG-KG
TERMINAL TYPE	KATM3	100	1.25	KATM4	50	1.08	KATM5	50	1.15
END PLATE	KPS4	100	0.34	KPS4	100	0.34	KPS4	100	0.34
PARTITION PLATE WITH FOOT	KBXF	100	0.54	KBXF	100	0.54	KBXF	100	0.54
END CLAMPS	SCKN	100	0.80	SCKN	100	0.80	SCKN	100	0.80
	SCUN	100	0.94	SCUN	100	0.94	SCUN	100	0.94
	SCUSL	50	0.63	SCUSL	50	0.63	SCUSL	50	0.63
	SCUDD	50	0.64	SCUDD	50	0.64	SCUDD	50	0.64
COMB LINK	- 2 WAY	--	--	ASL2-2 WAY	100	0.31	ASL2-2 WAY	100	0.31
	- 3 WAY	--	--	ASL2-3 WAY	100	0.46	ASL2-3 WAY	100	0.46
	- 4 WAY	--	--	ASL2-4 WAY	100	0.61	ASL2-4 WAY	100	0.61
	- 5 WAY	--	--	ASL2-5 WAY	100	0.76	ASL2-5 WAY	100	0.76
	- 10 WAY	--	--	ASL2-10 WAY	50	0.76	ASL2-10 WAY	50	0.76
MARKING LABEL		100 Strips	0.08		100 Strips	0.08		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
PROTECTIVE COVER	--	--	--	PCCM26	100	0.40	PCCM26	100	0.40
	--	--	--	PCCM39	100	0.55	PCCM39	100	0.55
	--	--	--	PCC3	100	3.60	PCC3	100	3.60
COLOUR:	GREY, KHAKHI	KATM3(G), KATM3(K)		KATM4(G), KATM4(K)	KATM5(G), KATM5(K)				
	RED, YELLOW, BLUE	KATM3(R), KATM3(Y), KATM3(B)		KATM4(R), KATM4(Y), KATM4(B)	KATM5(R), KATM5(Y), KATM5(B)				
	BLACK, GREEN	KATM3(BL), KATM3(GR)		KATM4(BL), KATM4(GR)	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	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