









POWER TERMINALS

DESCRIPTION	CBT 100	CBT 110	CBT 170	CBT 250
TERMINAL PITCH	26 mm (1.02 inch)	28 mm (1.10 inch)	32 mm (1.26 inch)	40 mm (1.57 inch)
HEIGHT x WIDTH in mm (inch)	43 x 52 (1.69 x 1.97)	51.5 x 75 (2.03 x 2.95)	52 x 85 (2.05 x 3.35)	52 x 96 (2.05 x 3.78)
RATED CROSS SECTION	35 sq mm	50 sq mm	70 sq mm	95 sq mm
CONNECTION POSSIBILITY	6 sq mm - 35 sq mm	35 sq mm - 50 sq mm	50 sq mm - 70 sq mm	70 sq mm - 95 sq mm
WIRE STRIPPING LENGTH	-	-	-	-
TYPE OF CONNECTION	2 nut flat connection for ring/fork lugs	2 nuts flat connection for ring lugs	2 nuts flat connection for ring lugs	2 nuts flat connection for ring lugs
RATINGS IEC 60947-7-1	800 V/100 A/35 sq mm/2.5 Nm	1000 V/110 A/35-50 sq mm/3 Nm	1000 V/170 A/50-70 sq mm/6 Nm	1000 V/250 A/70-95 sq mm/10 Nm
SCREW SIZE	M6	M6	M8	M10
				
				
TERMINAL TYPE	CBT 100	CBT 110	CBT 170	CBT 250
BARrier PLATE (MYLAM)	-	BPH 110	BPH 17/25	BPH 17/25
BARrier PLATE (MELAMINE)	EPS 5/6	BPM 110	BPM 17/25	BPM 17/25
END CLAMPS	SCS	SCS	SCS	SCS
	SCSN	SCSN	SCSN	SCSN
	SCUN	SCUN	SCUN	SCUN
	SCUSL	SCUSL	SCUSL	SCUSL
	SCUDD	SCUDD	SCUDD	SCUDD
MARKING LABEL	LABEL KN 10	LABEL KN 10	LABEL KN 10	LABEL KN 10
GROUP MARKING CARRIER	GMC	GMC	GMC	GMC
	SCUN MLH	SCUN MLH	SCUN MLH	SCUN MLH
PROTECTIVE COVER	PCCW 26	PCP 110	PCP 170	PCP 250
COLOUR	CBT100(K) CBT100(R), CBT100(Y), CBT100(B) CBT100(BL)	CBT110(K) CBT110(R), CBT110(Y), CBT110(B) CBT110(BL)	CBT170(K) CBT170(R), CBT170(Y), CBT170(B) CBT170(BL)	CBT250(K) CBT250(R), CBT250(Y), CBT250(B) CBT250(BL)
MOUNTING CHANNEL	CHS 3/5/10	CHS 3/5/10	CHS 3/5/10	CHS 3/5/10
STANDARD LENGTHS 300mm, 500mm, 1000mm	100/100/50	100/100/50	100/100/50	100/100/50
	22/37/36	22/37/36	22/37/36	22/37/36

elmex Bus Bar Terminals offer a solution to termination needs for higher size wires/high current applications. The open design of the terminals facilitates the connection of a Fork Type or Ring Type Lug - a very essential part of Bus Bar wiring.






Terminals for terminating 35 sq mm to 95 sq mm cables are available in this range.

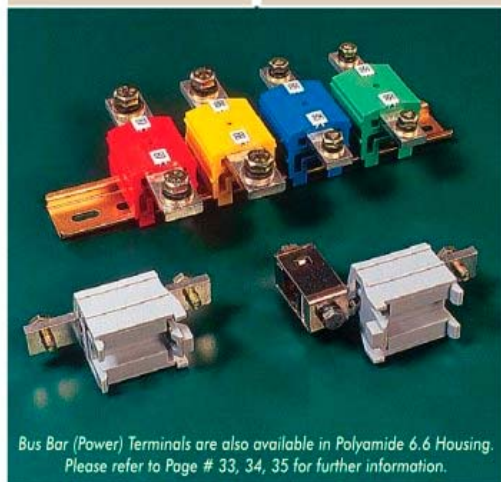
Partition/Barrier Plates are used for increased Creepage Distance between adjacent terminals. Slots are provided in the Barrier Plates to facilitate the mounting of Transparent Protective Cover shrouding the live parts.





POWER TERMINALS

CBT 300			CBT 110 T			CBT 170 T			CBT 250 T			CBT 300 T		
40 mm (1.57 inch)			28 mm (1.10 inch)			32 mm (1.26 inch)			40 mm (1.57 inch)			40 mm (1.57 inch)		
52 x 96 (2.05 x 3.78)			51.5 x 75 (2.03 x 2.95)			52 x 85 (2.06 x 3.35)			52 x 96 (2.05 x 3.78)			52 x 96 (2.05 x 3.78)		
120 sq mm			50 sq mm			70 sq mm			95 sq mm			120 sq mm		
70 sq mm - 120 sq mm			35 sq mm - 50 sq mm			50 sq mm - 70 sq mm			70 sq mm - 95 sq mm			70 sq mm - 120 sq mm		
-			-			-			-			-		
2 nuts flat connection for ring lugs			2 nuts flat connection for ring lugs			2 nuts flat connection for ring lugs			2 nuts flat connection for ring lugs			2 nuts flat connection for ring lugs		
1000 V/300 A/70-120 sq mm/10 Nm			1000 V/110 A/35-50 sq mm/3 Nm			1000 V/170 A/50-70 sq mm/6 Nm			1000 V/250 A/70-95 sq mm/10 Nm			1000 V/300 A/70-120 sq mm/10 Nm		
M10			M6			M8			M10			M10		
														
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
CBT 300	10	2.72	CBT 110T	10	1.09	CBT 170T	10	1.70	CBT 250T	10	2.72	CBT 300T	10	2.72
BPH 17/25	20	0.59	BPH 110	20	0.38	BPH 17/25	20	0.59	BPH 17/25	20	0.59	BPH 17/25	20	0.59
BPM 17/25	20	1.10	BPM 110	20	0.60	BPM 17/25	20	1.10	BPM 17/25	20	1.10	BPM 17/25	20	1.10
SCS	200	1.48	SCS	200	1.48	SCS	200	1.48	SCS	200	1.48	SCS	200	1.48
SCSN	100	0.61	SCSN	100	0.61	SCSN	100	0.61	SCSN	100	0.61	SCSN	100	0.61
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
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
GMC	100	0.41	GMC	100	0.41	GMC	100	0.41	GMC	100	0.41	GMC	100	0.41
SCUN MLH	50	0.60	SCUN MLH	50	0.60	SCUN MLH	50	0.60	SCUN MLH	50	0.60	SCUN MLH	50	0.60
PCP 250	100	1.53	PCP 110	100	0.88	PCP 170	100	1.25	PCP 250	100	1.53	PCP 250	100	1.53
CBT300(K)			CBT110T(K)			CBT170T(K)			CBT250T(K)			CBT300T(K)		
CBT300(R), CBT300(Y), CBT300(B)			CBT110T(R), CBT110T(Y), CBT110T(B)			CBT170T(R), CBT170T(Y), CBT170T(B)			CBT250T(R), CBT250T(Y), CBT250T(B)			CBT300T(R), CBT300T(Y), CBT300T(B)		
CBT300(BL)			CBT110T(BL)			CBT170T(BL)			CBT250T(BL)			CBT300T(BL)		
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



Bus Bar (Power) Terminals are also available in Polyamide 6.6 Housing. Please refer to Page # 33, 34, 35 for further information.

In **CBT110T**, **CBT170T**, **CBT250T** and **CBT300T** the current bar holes are tapped and the nuts are slotted for screw driver operation. This eases the fixing of wires where there is space constraint.