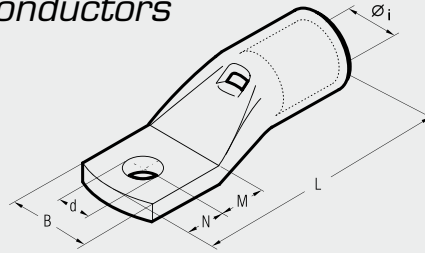


# A-M



## RING TONGUE TERMINALS WITH CONTAINED PALM

for L.V. circuit breakers  
for copper conductors



File no. E125401

This range of terminals features contained palm width and has been specifically developed for application on L.V. circuit breakers with reduced space terminal blocks. The contained palm width allows an immediate and easier installation. Cembre terminals are manufactured from electrolytic copper tube.


The specifically designed section of the barrel and the choice of principal dimensions are optimising the best combination of mechanical strength and electrical conductivity. These terminals are annealed to guarantee optimum ductility and are electrolytically tin-plated to avoid oxidation. The barrel is provided with an internal taper to ease the introduction of the conductor; furthermore, its length grants a comfortable and correct positioning between dies, during crimping operations. Each palm is marked with the Cembre logo and part number.

Cond. Size Flexible sqmm	Ø Stud mm	Ref.	Dimensions mm						Quantity Box/Bag	Mechanical Tools	Hydraulic Tools								
			Øi	B	M	N	L	d											
10	5	A 2-M 5/9	4,6	9,0	6,5	6,0	26,0	5,3	1000/100	HN5 HN-A25	B 150								
16	5	A 3-M 5/9	5,8	9,0	6,5	6,0	29,0	5,3	1000/100										
25	5	A 5-M 5/9	7,0	9,0	6,5	6,0	31,5	5,3	500/100	TN 70 SE									
35	6	A 7 B-M 6/11.5	8,9	11,5	8,0	7,0	36,5	6,4	400/100										
50	6	A 10 B-M 6/11.5	10,0	11,5	8,0	7,0	40,5	6,4	200/50	TN 120 SE									
70	6	A 14 B-M 6/11.5	11,3	11,5	8,0	7,0	44,0	6,4	200/50										
95	8	A 19 B-M 8/15.5	13,5	15,5	9,0	8,0	52,5	8,4	100/25										
120	8	A 24 B-M 8/19	15,2	19,0	14,0	9,0	60,0	8,4	100/25										
	10	A 24 B-M 10/19	15,2	19,0	14,0	9,0	60,0	10,5	100/25										
150	8	A 30 B-M 8/19	16,7	19,0	18,0	9,0	70,0	8,4	50/25										
	10	A 30 B-M 10/19	16,7	19,0	18,0	9,0	70,0	10,5	50/25										
185	10	A 37 B-M 10/24.5	19,2	24,5	18,0	9,0	77,0	10,5	50/25										
	10	A 48-M 10/31	21,1	31,0	13,0	9,0	80,0	10,5	30/15										
240	12	A 48-M 12/31	21,1	31,0	16,0	12,0	86,0	13,2	30/15										
	16	A 48-M 16/31	21,1	31,0	19,0	17,0	94,0	17,0	30/15										
300	10	A 60 B-M 10/31	23,7	31,0	16,0	12,0	95,0	10,5	20/10										
	12	A 60 B-M 12/31	23,7	31,0	16,0	12,0	95,0	13,2	20/10										

Details of the appropriate crimping tools and dies are shown on pages 186 to 187.



COPPER CONDUCTORS

APPLICATION	CONDUCTOR		CONNECTOR		HYDRAULIC TOOLS												HYDRAULIC TOOLS														
					B 15D		B 35-45D			B 35-50D			HT 45-E				HT 51 B 51 RH 50 B 55			HT 81-U RHU 81		HT 120 and tools and heads with 130 kN crimping force			ECW-H3D			RHU 520			
	Conductor Size sqmm Low str. Flex		TERMINAL	SPLICE	DIE SET	NEST	INDEN-TOR	DIE SET	NEST	INDENTOR	DIE SET	NEST	INDENTOR	DIE SET	NEST	INDENTOR	DIE SET	DIE SET	DIE SET	NEST	INDENTOR	DIE SET	NEST	INDENTOR	DIE SET	NEST	INDENTOR	DIE SET			
	0,25 ÷ 2,5		A 03-M. A 06-M..	L 03M / L 03P L 06M / L 06P	ME03/2-15 MA03/3-15																										
	4 ÷ 6		A 1-M. A 1-L..	L 1-M L 1-P	ME03/2-15 MA03/3-15	MA 1	PA 1	ME 1	MA 1-50	PA 1-50	ME 1-50	MA 1	PA 1	ME 1				MA 1-50	PA 1-50	ME 1-50											
	10		A 2-M. A 2-L. A 2-P12	L 2-M L 2-P	ME03/2-15 MA03/3-15	MA 2.3		ME 2	MA 2.3-50		ME 2-50	MA 2.3		ME 2				MA 2.3-50		ME 2-50	MA 2-C		ME 2-C								
	16		A 3-M. A 3-L. A 3-P14	2A 3-M. L 3-M L 3-P	ME2/3-15 MA03/3-15		PA 5	ME 3		PA 5-50	ME 3-50		PA 5	ME 3					PA 5-50	ME 3-50	MA 3.5-U	ME 3.14-U	MA 3-C		ME 3-C						
	25		A 5-M. A 5-L. A 5-P16	2A 5-M. L 5-M L 5-P		MA 5		ME 5	MA 5-50		ME 5-50	MA 5		ME 5					MA 5-50		ME 5-50		MA 5-C	PA 10-C	ME 5-C						
	35	25* 35	A 7-M. A 7-L. A 7-P20	2A 7-M. L 7-M L 7-P		MA 7		ME 7	MA 7-50		ME 7-50	MA 7		ME 7					MA 7-50		ME 7-50	MA 7.14-U	MA 7-C		ME 7-C						
	50	35* 50	A 10-M. A 10-L. A 10-P25	2A 10-M. L 10-M L 10-P		MA 10		ME 10	MA 10-50	PA 10-50	ME 10-50	MA 10		ME 10					MA 10-50	PA 10-50	ME 10-50	MA 10.19-U	ME 10.24-U	MA 10-C		ME 10-C					
	70	50* 70	A 14-M. A 14-L. A 14-P30	2A 14-M. L 14-M L 14-P				ME 14	MA 14-50		ME 14-50			ME 14					MA 14-50		ME 14-50	MA 14.19-U	ME 14.14-U	MA 14-C		ME 14-C					
	95	70* 95	A 19-M. A 19-L.	2A 19-M. L 19-M L 19-P				ME 19	MA 19-50	PA 19-50	ME 19-50			ME 19					MA 19-50	PA 19-50	ME 19-50	MA 19.19-U MA 19-U	ME 2.19-U	MA 19-C	PA 24-C	ME 19-C					
	120	95* 120	A 24-M. A 24-L.	2A 24-M. L 24-M L 24-P				ME 24	MA 24-50	PA 24-50	ME 24-50			ME 24					MA 24-50	PA 24-50	ME 24-50	MA 24-U	ME 10.24-U	MA 24-C		ME 24-C					
	150	120* 150	A 30-M. A 30-L.	2A 30-M. L 30-M L 30-P				ME 30L			ME 30L-50			ME 30							ME 30-50	MA 30.80-U	ME 30-U	MA 30-C		ME 30-C					
	185	150* 185	A 37-M. A 37-L. A 37-4ESI	2A 37-M. L 37-M L 37-P																	ME 37-50	MA 37-U	ME 37-U	MA 37-C	PA 48-C	ME 37-C					
	240	185* 240	A 48-M. A 48-L. A 48-4ESI	2A 48-M. L 48-M L 48-P																	ME 48-50	MA 48-U	ME 48-U	MA 48-C		ME 48-C					
	300	240 300	A 60-M. A 60-L. A 60-4ESI	2A 60-M. L 60-M L 60-P																			MA 60-C	PA 60-C	ME 60-C						
	400	300 400	A 80-M. A 80-4ESI	2A 80-M. L 80-M																					ME 80-C	MA 80-3D		ME 80-3D	MA 80-520		ME 80-520
	500	400 500	A 100-M. A 100-4ESI	2A 100-M. L 100-M																					MA 100-3D	PA 100-3D	ME 100-3D	MA 100-520	PA 120-520	ME 100-520	
	630	500 630	A 120-M. A 120-4ESI	2A 120-M. L 120-M																					MA 120-3D	PA 120-3D	ME 120-3D	MA 120-520		ME 120-520	
	800	630	A 160-M. A 160-4ESI	2A 160-M. L 160-M																							MA 160-520		ME 160-520		
1000	800	A 200-M.	2A 200-M. L 200-M																							MA 200-520	PA 200-520	ME 200-520			

EXTRA FLEXIBLE  
COPPER CONDUCTORS

Hexagonal crimp (use one size up with fine stranded conductors, E.G.: 95<sup>2</sup> fine stranded use A19<sup>..</sup> + ME 19 or A 20<sup>..</sup> + ME 20)

Indent crimp

\* Contact Cembre for appropriate die set

N.B.: Number inside symbol indicates the number of crimps on A-M barrel