

HEAVY DUTY COPPER TUBE TERMINALS TYPE 2AM for copper conductors



File no. E125401



Description:

- 2A-M series lugs are manufactured from electrolytic copper tube Cu-OF CW008A conform to UNI EN 13600:2003. They feature a double length barrel for enhanced electrical and mechanical performance in heavy duty applications.
- Cembre lugs are annealed to guarantee optimum ductility which is an absolute necessity for connectors which will have to withstand the severe deformation arising when compressed and any bending of the palm during installation.
- In applications subject to vibration, terminals still have to perform a reliable connection, annealing plays a vital role in avoiding cracking or breaks between the barrel and palm.
- The absence of an inspection hole prevents the entry of water or moisture into the crimped joint making these terminals suitable for outdoor applications.
- Lugs are electrolytically tin plated with a minimum thickness of 3µm to avoid oxidation. 2A-M series lugs form an important part of Cembre crimping systems for power carrying conductors.

Each connector is marked as follows:

- Cembre trade mark and reference number.
- Nature and size of conductor (mm²).
- Ø stud (mm).

Markings:



- According to UL 486A standard (file E125401)

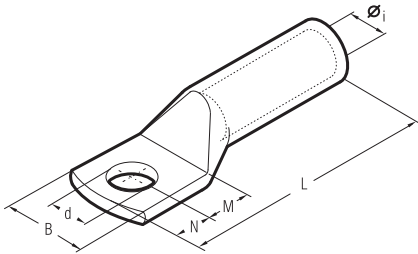
Cembre SpA

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Sections and Dimensions:


Conductor Size sqmm	Ø Stud mm	Ref.	Dimensions mm					
			Øi	B	M	N	L	d
16	8	2 A 3-M 8	5,8	15,0	9,0	8,0	43,5	8,4
	10	2 A 3-M10	5,8	18,0	11,0	10,0	47,5	10,5
25	8	2 A 5-M 8	7,0	15,0	9,0	8,0	51,0	8,4
	10	2 A 5-M 10	7,0	18,0	11,0	10,0	55,0	10,5
	12	2 A 5-M 12	7,0	21,0	14,0	12,0	60,0	13,2
35	8	2 A 7-M 8	8,9	17,0	9,0	8,0	53,0	8,4
	10	2 A 7-M 10	8,9	19,0	11,0	10,0	57,0	10,5
	12	2 A 7-M 12	8,9	21,0	14,0	12,0	62,0	13,2
50	10	2 A 10-M 10	10,0	20,0	11,0	10,0	63,0	10,5
	12	2 A 10-M 12	10,0	21,0	14,0	12,0	68,0	13,2
	14	2 A 10-M 14	10,0	25,0	16,0	14,0	72,0	15,0
	16	2 A 10-M 16	10,0	26,0	18,0	16,0	76,0	17,0
63	10	2 A 14-M 10	11,3	21,0	11,0	10,0	70,0	10,5
	12	2 A 14-M 12	11,3	22,0	14,0	12,0	75,0	13,2
70	14	2 A 14-M 14	11,3	25,0	16,0	14,0	79,0	15,0
	16	2 A 14-M 16	11,3	26,0	18,0	16,0	83,0	17,0
	10	2 A 19-M 10	13,5	25,0	11,0	10,0	76,5	10,5
95	12	2 A 19-M 12	13,5	25,0	14,0	12,0	81,5	13,2
	14	2 A 19-M 14	13,5	25,0	16,0	14,0	85,5	15,0
	16	2 A 19-M 16	13,5	27,0	18,0	16,0	90,5	17,0
120	20	2 A 19-M 20	13,5	29,5	22,0	20,0	97,5	21,0
	10	2 A 24-M 10	15,2	28,5	11,0	10,0	82,0	10,5
	12	2 A 24-M 12	15,2	28,5	14,0	12,0	87,0	13,2
	14	2 A 24-M 14	15,2	28,5	16,0	14,0	91,0	15,0
125	16	2 A 24-M 16	15,2	28,5	18,0	16,0	95,0	17,0
	20	2 A 24-M 20	15,2	30,0	22,0	20,0	103,0	21,0
	10	2 A 30-M 10	16,7	31,5	13,0	11,0	92,0	10,5
	12	2 A 30-M 12	16,7	31,5	16,0	14,0	98,0	13,2
150	14	2 A 30-M 14	16,7	31,5	18,0	16,0	102,0	15,0
	16	2 A 30-M 16	16,7	31,5	19,0	17,0	104,0	17,0
	20	2 A 30-M 20	16,7	31,5	22,0	20,0	110,0	21,0
	12	2 A 37-M 12	19,2	35,5	16,0	14,0	108,0	13,2
185	14	2 A 37-M 14	19,2	35,5	18,0	16,0	112,0	15,0
	16	2 A 37-M 16	19,2	35,5	19,0	17,0	114,0	17,0
	20	2 A 37-M 20	19,2	35,5	22,0	20,0	120,0	21,0
	12	2 A 48-M 12	21,1	39,0	16,0	14,0	109,0	13,2
240	14	2 A 48-M 14	21,1	39,0	18,0	16,0	113,0	15,0
	16	2 A 48-M 16	21,1	39,0	19,0	17,0	115,0	17,0
	20	2 A 48-M 20	21,1	39,0	22,0	20,0	121,0	21,0
	12	2 A 60-M 12	23,7	44,0	20,0	14,0	129,5	13,2
300	14	2 A 60-M 14	23,7	44,0	22,0	16,0	133,5	15,0
	16	2 A 60-M 16	23,7	44,0	22,0	19,0	136,5	17,0
	20	2 A 60-M 20	23,7	44,0	24,0	23,0	142,5	21,0
400	12	2 A 80-M 12	27,0	51,0	22,0	19,0	140,0	13,2
	14	2 A 80-M 14	27,0	51,0	22,0	19,0	140,0	15,0
	16	2 A 80-M 16	27,0	51,0	22,0	19,0	140,0	17,0
	20	2 A 80-M 20	27,0	51,0	24,0	23,0	146,0	21,0
500	16	2 A 100-M 16*	30,3	56,5	22,0	19,0	147,0	17,0
	20	2 A 100-M 20*	30,3	56,5	24,0	23,0	153,0	21,0
630	16	2 A 120-M 16*	33,4	61,5	22,0	19,0	159,0	17,0
	20	2 A 120-M 20*	33,4	61,5	24,0	23,0	165,0	21,0
800	20	2 A 160-M 20*	38,0	72,0	24,0	23,0	187,0	21,0
1000	20	2 A 200-M 20*	44,0	80,0	24,0	23,0	202,0	21,0

*Not UL approved

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