COPPER TUBE CRIMPING LUGS
for copper conductors

File no. E125401

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Description:

- Lugs are manufactured from electrolytic copper tube Cu-OF CW008A conform to UNI EN 13600:2003. The dimensions of the tube are designed to obtain the most efficient electrical conductivity and mechanical strength to resist vibration and pull out.
- 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 presence of an inspection hole facilitates full insertion of the conductor, whilst the barrel length has been designed to allow easy and accurate positioning of the dies during the crimping operation.
- Lugs are electrolytically tin plated with a minimum thickness of 3µm to avoid oxidation. Lugs form an important part of crimping systems for power carrying conductors.

Each connector is marked as follows:

- Trade mark and reference number.
- Nature and size of conductor (mm^2).
- Ø stud (mm).

Markings:

- ***Conform to products norm IEC 61238-1***
- ***BT Directive 2006/95/CE***

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- ***According to UL 486A standard (file E125401)***

Date: 07/05/2014

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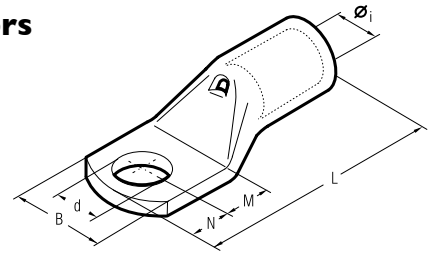

Sections and Dimensions:

Cond. Size sqmm low stranded	Cond. Size sqmm flexible*	ø Stud mm	Ref.	Dimensions mm Øi	B	M	N	L	d
0,25÷1,5		3◆		1,8	6,0	4,5	3,5	16,0	3,2
		3,5◆		1,8	6,5	4,5	3,5	16,0	3,7
		4◆		1,8	6,5	5,0	4,0	17,0	4,3
		5◆		1,8	7,5	5,5	4,5	18,0	5,3
		6◆		1,8	9,0	6,0	5,0	19,0	6,4
1,5÷2,5		3◆		2,4	6,0	4,5	3,5	17,0	3,2
		3,5◆		2,4	6,5	4,5	3,5	17,0	3,7
		4◆		2,4	7,5	5,0	4,0	18,0	4,3
		5◆		2,4	8,5	5,5	4,5	19,0	5,3
		6◆		2,4	9,0	6,0	5,0	20,0	6,4
		8◆		2,4	12,0	9,0	8,0	26,0	8,4
4÷6		3		3,6	7,5	4,5	3,5	20,5	3,2
		3,5		3,6	7,5	4,5	3,5	20,5	3,7
		4		3,6	8,0	5,0	4,0	21,5	4,3
		5		3,6	9,0	6,5	6,0	25,0	5,3
		6		3,6	11,0	7,0	6,0	25,5	6,4
		8		3,6	14,0	9,0	8,0	29,5	8,4
		10		3,6	16,5	11,0	10,0	33,5	10,5
10		4		4,6	10,0	5,0	4,0	22,5	4,3
		5		4,6	10,0	6,5	6,0	26,0	5,3
		6		4,6	11,0	7,0	6,0	26,5	6,4
		8		4,6	15,0	9,0	8,0	30,5	8,4
		10		4,6	18,0	11,0	10,0	34,5	10,5
		12		4,6	19,0	14,0	12,0	39,5	13,2
16		4		5,8	11,5	5,0	4,0	25,5	4,3
		5		5,8	11,5	6,5	6,0	29,0	5,3
		6		5,8	11,5	7,0	6,0	29,5	6,4
		8		5,8	15,0	9,0	8,0	33,5	8,4
		10		5,8	18,0	11,0	10,0	37,5	10,5
		12		5,8	20,0	14,0	12,0	42,5	13,2
25		4		7,0	14,0	5,0	4,0	28,0	4,3
		5		7,0	14,0	6,5	6,0	31,5	5,3
		6		7,0	14,0	7,0	6,0	32,0	6,4
		8		7,0	15,0	9,0	8,0	36,0	8,4
		10		7,0	18,0	11,0	10,0	40,0	10,5
		12		7,0	21,0	14,0	12,0	45,0	13,2
35	25	5		8,9	17,0	6,5	6,0	34,0	5,3
	35	6		8,9	17,0	7,0	6,0	34,5	6,4
		8		8,9	17,0	9,0	8,0	38,5	8,4
		10		8,9	19,0	11,0	10,0	42,5	10,5
		12		8,9	21,0	14,0	12,0	47,5	13,2
50	35	6		10,0	19,0	8,0	7,0	38,5	6,4
	50	8		10,0	19,0	9,0	8,0	40,5	8,4
		10		10,0	20,0	11,5	9,5	44,5	10,5
		12		10,0	21,0	12,0	12,0	47,5	13,2
		14		10,0	25,0	16,0	14,0	55,5	15,0
		16		10,0	26,0	18,0	16,0	59,5	17,0
70	50	6		11,3	21,0	8,0	7,0	44,0	6,4
	70	8		11,3	21,0	9,0	8,0	46,0	8,4
		10		11,3	21,0	11,0	10,0	50,0	10,5
		12		11,3	22,0	14,0	12,0	55,0	13,2
		14		11,3	25,0	16,0	14,0	59,0	15,0
		16		11,3	26,0	18,0	16,0	63,0	17,0

Cond. Size sqmm low stranded	Cond. Size sqmm flexible*	ø Stud mm	Ref.	Dimensions mm Øi	B	M	N	L	d
95	70	6		13,5	25,0	8,0	7,0	50,5	6,4
	95	8		13,5	25,0	9,0	8,0	52,5	8,4
		10		13,5	25,0	11,0	10,0	56,5	10,5
		12		13,5	25,0	14,0	12,0	61,5	13,2
		14		13,5	25,0	16,0	14,0	65,5	15,0
		16		13,5	27,0	18,0	16,0	69,5	17,0
		20		13,5	29,5	22,0	20,0	77,5	21,0
120	95	8		15,2	28,5	9,0	8,0	54,0	8,4
	120	10		15,2	28,5	11,0	10,0	58,0	10,5
		12		15,2	28,5	14,0	12,0	63,0	13,2
		14		15,2	28,5	16,0	14,0	67,0	15,0
		16		15,2	28,5	18,0	16,0	71,0	17,0
		20		15,2	30,0	22,0	20,0	79,0	21,0
150	120	8		16,7	31,5	13,0	11,0	69,0	8,4
	150	10		16,7	31,5	13,0	11,0	69,0	10,5
		12		16,7	31,5	16,0	14,0	75,0	13,2
		14		16,7	31,5	18,0	16,0	79,0	15,0
		16		16,7	31,5	19,0	17,0	81,0	17,0
		20		16,7	31,5	22,0	20,0	87,0	21,0
185	150	8		19,2	35,5	13,0	11,0	76,0	8,4
	185	10		19,2	35,5	13,0	11,0	76,0	10,5
		12		19,2	35,5	16,0	14,0	82,0	13,2
		14		19,2	35,5	18,0	16,0	86,0	15,0
		16		19,2	35,5	19,0	17,0	88,0	17,0
		20		19,2	35,5	22,0	20,0	94,0	21,0
240	185	8		21,1	39,0	13,0	11,0	77,5	8,4
	240	10		21,1	39,0	13,0	11,0	77,5	10,5
		12		21,1	39,0	14,0	12,0	79,5	13,2
		14		21,1	39,0	18,0	16,0	92,0	15,0
		16		21,1	39,0	19,0	17,0	94,0	17,0
		20		21,1	39,0	22,0	20,0	100,0	21,0
300	240	10		23,7	44,0	20,0	11,0	96,0	10,5
	300	12		23,7	44,0	20,0	14,0	99,0	13,2
		14		23,7	44,0	22,0	16,0	103,0	15,0
		16		23,7	44,0	22,0	19,0	106,0	17,0
		20		23,7	44,0	24,0	23,0	112,0	21,0
400	300	12		27,0	51,0	22,0	19,0	113,0	13,2
	400	14		27,0	51,0	22,0	19,0	113,0	15,0
		16		27,0	51,0	22,0	19,0	113,0	17,0
		20		27,0	51,0	24,0	23,0	119,0	21,0
500	400	16		30,3	56,5	22,0	19,0	117,0	17,0
	500	20		30,3	56,5	24,0	23,0	123,0	21,0
630	500	16◆		33,4	61,6	22,0	19,0	128,0	17,0
	630	20◆		33,4	61,6	24,0	23,0	134,0	21,0
800	630	16◆		38,0	72,0	24,0	19,0	141,0	17,0
		20◆		38,0	72,0	24,0	23,0	145,0	21,0
1000	800	16◆		44,0	80,0	24,0	19,0	158,0	17,0
		20◆		44,0	80,0	24,0	23,0	162,0	21,0

**Actual conductor section may require a larger lug*

◆*Not UL approved*

Date: 07/05/2014