

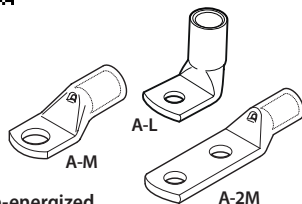


CEMBRE



22101E/AR_0925

COPPER TUBE CRIMPING LUGS SHORT BARREL A-M A-L A-2M RANGE



⚠ WARNING

Risk of electrocution.

Perform all crimping operations only when the conductors are de-energized.

⚠ WARNING

Risk of crushing - Pay attention to moving parts during crimping operation.

NOTICE

To avoid damage to the lugs, the crimping tool and the conductor, refer to the table in the INSTALLATION INSTRUCTION section.

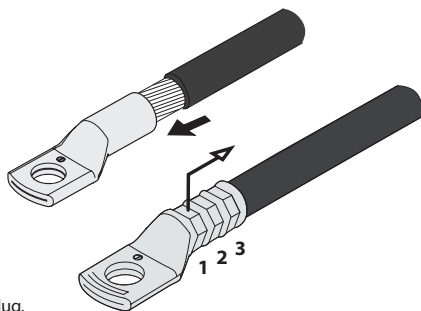
GENERAL INFORMATION

The crimping lugs are:

- UL listed for US and CANADA per UL486A - 486B up to 35 kV (File nr. E125401).
- made of copper 99,9% min. Tin plated (thickness 3 µm min).
- for use with copper conductors.
- crimp type of wiring termination.

INSTALLATION INSTRUCTION

- 1) Select proper connector for the Cu wire size used as indicated in the table.
- 2) Select the proper tool and die as indicated.
- 3) Strip the cable insulation to expose a length of conductor as recommended in the table, **taking care not to damage or cut any of the strands**.
- 4) Insert the conductor into the connector.
- 5) Apply the proper # of crimps as indicated (.), starting from the tongue side of the lug.



SIZES	CONDUCTOR RANGE			STRIP LENGTH  mm	CEMBRE Tools, Installation die sets (# of crimps)			
					60 kN (●)	130 kN (◆)		230 kN
					DIE SET	NEST + INDENTOR	DIE SET	DIE SET
LUGS	AWG MCM	low str mm ²	fine str					
A1*	12-10 AWG	4 - 6		9	ME1-50 (1)	-	-	
A2	8 AWG	10		9	ME2-50 (1)	MA2-C+PA10-C (1)	ME2-C (1)	
A3	6 AWG	16		13	ME3-50 (1)	MA3-C+PA10-C (1)	ME3-C (1)	
A5	4 AWG	25		12	ME5-50 (1)	MA5-C+PA10-C (1)	ME5-C (1)	
A7	2 AWG	35	25-35	15	ME7-50 (1)	MA7-C+PA10-C (1)	ME7-C (1)	
A10	2-1/0 AWG	50	35-50	19	ME10-50 (2)	MA10-C+PA10-C (1)	ME10-C (1)	
A14	1/0-2/0 AWG	70	50-70	20	ME14-50 (2)	MA14-C+PA24-C (1)	ME14-C (1)	
A19	2/0-3/0 AWG	95	70-95	25	ME19-50 (2)	MA19-C+PA24-C (1)	ME19-C (1)	
A24	3/0-250 AWG	120	95-120	27	ME24-50 (2)	MA24-C+PA24-C (1)	ME24-C (1)	
A30	250-300 MCM	150	120-150	30	ME30-50 (3)	MA30-C+PA48-C (1)	ME30-C (1)	
A37	300-350 MCM	185	150-185	32	ME37-50 (3)	MA37-C+PA48-C (1)	ME37-C (1)	
A48	350-500 MCM	240	185-240	40	ME48-50 (3)	MA48-C+PA48-C (1)	ME48-C (2)	
A60	500-600 MCM	300	240-300	44	-	MA60-C+PA60-C (1)	ME60-C (3)	
A80	800 MCM	400	300-400	47	-	-	ME80-C (3)	ME80-3D (2)
A100	1000 MCM	500	400-500	48	-	-	-	ME100-3D (2)

* A1-L A1-2M not UL approved

- HT51 also with suffix L, D, -KV, L-KV; RH50; RHM50; HT61; B600; RH61; B51, B500, B500ND also with suffixes L, -KV, ■, L ■, L ■-KV; B600C; RH60C
- ◆ HT120 also with suffix -KV; HT131-C also with suffixes U, LN; RHC131 also with suffixes LN, -KV; RHM132; RHU131-C; B135-C, B131-C also with suffixes U, LN, -KV, ■, LN ■, LN ■-KV; B1350-C, B1300-C also with suffixes U, L, -KV, ■, L ■, L ■-KV; B1320 Note: Symbol ■ in the tool descriptions could be A, E, J or T suffix; it can be added for commercial purposes only.

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A-M A-L A-2M النطاق

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