



CEMBRE



181217E_0923

COPPER BUTT SPLICES STANDARD LENGTH BARREL L-M SERIES



GENERAL INFORMATION

- UL listed for US per 486 C up to 35 kV (File nr. E125401).
- The splices are for use with Cu wire.
- **L-M** series butt splices are manufactured from electrolytic copper tube, annealed to guarantee optimum ductility and electrolytically tin plated to avoid oxidation.
- The centre stop provide for proper conductor insertion.
- The connectors is clearly marked with wire size.

INSTALLATION INSTRUCTIONS

- 1) Select proper **L-M** splice for the Cu wire size used.
- 2) Strip the cable insulation for a length equal to half connector.
- 3) Insert conductor into each side.
- 4) Select the proper die as indicated in the table below.
- 5) Apply the proper # of crimps, as indicated in the same table.

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SIZES	CONDUCTOR RANGE			STRIP LENGTH 	INSTALLATION TOOLING (# of crimps)				
					60 kN (●)	130 kN (◆)		230 kN	520 kN
LUGS	AWG MCM	low str	fine str	mm 	DIE SET	NEST + INDENTOR	DIE SET	ECW-H3D	RHU520
		mm²						DIE SET	DIE SET
L1-M	12-10 AWG	4 - 6		12.1	ME1-50 (1)	-	-	AU230-130D ADAPTER + 130 kN dies	AU520-130C ADAPTER + 130 kN dies
L2-M	8 AWG	10		13.7	ME2-50 (1)	MA2-C+PA10-C (1)	ME2-C (1)		
L3-M	6 AWG	16		14.8	ME3-50 (1)	MA3-C+PA10-C (1)	ME3-C (1)		
L5-M	4 AWG	25		15.9	ME5-50 (1)	MA5-C+PA10-C (1)	ME5-C (1)		
L7-M	2 AWG	35	25-35	18.1	ME7-50 (1)	MA7-C+PA10-C (1)	ME7-C (1)		
L10-M	2-1/0 AWG	50	35-50	20.3	ME10-50 (2)	MA10-C+PA10-C (1)	ME10-C (1)		
L14-M	1/0-2/0 AWG	70	50-70	21.4	ME14-50 (2)	MA14-C+PA24-C (1)	ME14-C (1)		
L19-M	2/0-3/0 AWG	95	70-95	23.6	ME19-50 (2)	MA19-C+PA24-C (1)	ME19-C (1)		
L24-M	3/0-250 AWG	120	95-120	25.8	ME24-50 (2)	MA24-C+PA24-C (1)	ME24-C (1)		
L30-M	250-300 MCM	150	120-150	31.9	ME30-50 (3)	MA30-C+PA48-C (1)	ME30-C (1)		
L37-M	300-350 MCM	185	150-185	35.2	ME37-50 (3)	MA37-C+PA48-C (1)	ME37-C (1)		
L48-M	350-500 MCM	240	185-240	41.2	ME48-50 (3)	MA48-C+PA48-C (1)	ME48-C (2)		
L60-M	500-600 MCM	300	240-300	49.5	-	MA60-C+PA60-C (1)	ME60-C (3)		
L80-M	600-800 MCM	400	300-400	51.7	-	-	ME80-C (3)	ME80-3D (2)	ME80-520 (2)
L100-M	800-1000 MCM	500	400-500	53.9	-	-	-	ME100-3D (2)	ME100-520 (2)

- 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.