



C e m b r e

16 I 105 E

COPPER LUGS SHORT BARREL A-M & A-L SERIES



LISTED
WIRE CONNECTOR
71 RA



GENERAL INFORMATIONS

- UL listed per 486 A up to 35 kV (File nr. E125401).
- The lugs are for use with Cu wire.
- The lugs are manufactured from electrolytic copper tube, annealed to guarantee optimum ductility and electrolytically tin plated to avoid oxidation.
- The tongue is clearly marked with wire size and stud hole dimension.

INSTALLATION INSTRUCTIONS

- 1) Select proper lug for the Cu wire size used.
- 2) Strip the cable insulation for a length equal to that of the terminal barrel.
- 3) Insert conductor into the barrel.
- 4) Select the proper die as indicated in the table.
- 5) Apply the proper # of crimps, as indicated in the same table.



Thorne & Derrick
+44 (0) 191 410 4292
www.powerandcables.com



ISO 9001
Certified Quality
Management System



ISO 14001
Certified Environmental
Management System



OHSAS 18001
Certified Occupational
Health & Safety
Management System



SIZES	CONDUCTOR RANGE			INSTALLATION TOOLING (# of crimps)				
				50 kN	120 - 130 kN		230 kN	520 kN
				6 sh tons (*)	13.5 - 14.6 sh tons (Δ)		25.8 sh tons	58.4 sh tons
[AWG] [MCM]	low str	fine str	DIE SET	NEST + INTENDOR	DIE SET	ECW-H3D	RHU520	
[mm ²]								DIE SET
A1	12-10 AWG	4-6		ME1-50 (1)	-	-		
A2	8 AWG	10		ME2-50 (1)	MA2-C+PA10-C (1)	ME2-C (1)		
A3	6 AWG	16		ME3-50 (1)	MA3-C+PA10-C (1)	ME3-C (1)		
A5	4 AWG	25		ME5-50 (1)	MA5-C+PA10-C (1)	ME5-C (1)		
A7	2 AWG	35	25-35	ME7-50 (1)	MA7-C+PA10-C (1)	ME7-C (1)		
A10	2-1/0 AWG	50	35-50	ME10-50 (2)	MA10-C+PA10-C (1)	ME10-C (1)		
A14	1/0-2/0 AWG	70	50-70	ME14-50 (2)	MA14-C+PA24-C (1)	ME14-C (1)		
A19	2/0-3/0 AWG	95	70-95	ME19-50 (2)	MA19-C+PA24-C (1)	ME19-C (1)		
A24	3/0-250 AWG	120	95-120	ME24-50 (2)	MA24-C+PA24-C (1)	ME24-C (1)		
A30	250-300 MCM	150	120-150	ME30-50 (3)	MA30-C+PA48-C (1)	ME30-C (1)		
A37	300-350 MCM	185	150-185	ME37-50 (3)	MA37-C+PA48-C (1)	ME37-C (1)		
A48	350-500 MCM	240	185-240	ME48-50 (3)	MA48-C+PA48-C (1)	ME48-C (2)		
A60	500-600 MCM	300	240-300	-	MA60-C+PA60-C (1)	ME60-C (3)		
A80	600-800 MCM	400	300-400	-	-	ME80-C (3)		
A100	800-1000 MCM	500	400-500	-	-	-		
							AU230-130D ADAPTER + 130 kN dies	
							AU520-130C ADAPTER + 130 kN dies	

(*) Tools type: HT51-KV; RH50; RHM50; B500 and also with suffixes -KV, ■, ■ -KV

(Δ) Tools type: HT120; HT120-KV; HT131-C; HT131U-C; HT131LN-C; RHC131; RHC131LN; RHC131LN-C; RHM132; RHU131-C; B1350 and B1300 and also with suffixes -C, -C ■, L-C, L-C ■, -C-KV, -C ■ -KV, L-C-KV, L-C ■ -KV, -UC; B1320

Note: Symbol ■ in the tool descriptions could be A, E or T suffix; it can be added for commercial purposes only.