



# C e m b r e

151137E

## COPPER LUGS LONG BARREL 2A-M 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.



ISO 9001  
Certified Quality  
Management System



ISO 14001  
Certified Environmental  
Management System



OHSAS 18001  
Certified Occupational  
Health & Safety  
Management System



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+44 (0) 191 410 4292  
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| 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                                                                                      | 25.8 sh tons                                                                                                                                                                                 | 58.4 sh tons |                                        |
|       |                 |         |          |                                    |                                                                                                          |                                                                                                                                                                                              |              |                                        |
| SIZES | [AWG]<br>[MCM]  | low str | fine str | [mm²]                              | HT51 with suffix L, L-KV; RH50, RHM50, B51 with suffix L, A, LA, KV, LA-KV; B500 with suffix A, KV, A-KV | HT120, HT120-KV; HT131 with suffix -C, U-C, LN-C; RHC131 with suffix LN, -KV; RHM132; RHU131-C; B135, B1350, B131, B1300 with suffix C, -CA, LN-C, LN-CA, C-KV, CA-KV, L-C-KV, LN-CA-KV, -UC | ECW-H3D      | RHU520                                 |
|       |                 |         |          |                                    |                                                                                                          |                                                                                                                                                                                              |              |                                        |
|       |                 |         |          |                                    |                                                                                                          |                                                                                                                                                                                              |              |                                        |
|       |                 |         |          |                                    |                                                                                                          |                                                                                                                                                                                              |              |                                        |
|       |                 |         |          |                                    |                                                                                                          |                                                                                                                                                                                              |              |                                        |
| 2A3   | 6 AWG           | 16      |          |                                    | DIE SET                                                                                                  | NEST + INTENDOR                                                                                                                                                                              | DIE SET      | DIE SET                                |
| 2A5   | 4 AWG           | 25      |          |                                    | ME3-50 (2)                                                                                               | MA3+PA10-C (2)                                                                                                                                                                               | ME3-C (2)    | AU230-130D ADAPTER<br>+<br>130 kN dies |
| 2A7   | 2 AWG           | 35      | 25-35    |                                    | ME5-50 (2)                                                                                               | MA5+PA10-C (2)                                                                                                                                                                               | ME5-C (2)    |                                        |
| 2A10  | 2-1/0 AWG       | 50      | 35-50    |                                    | ME7-50 (2)                                                                                               | MA7+PA10-C (2)                                                                                                                                                                               | ME7-C (2)    |                                        |
| 2A14  | 1/0-2/0 AWG     | 70      | 50-70    |                                    | ME10-50 (3)                                                                                              | MA10+PA10-C (2)                                                                                                                                                                              | ME10-C (2)   |                                        |
| 2A19  | 2/0-3/0 AWG     | 95      | 70-95    |                                    | ME14-50 (3)                                                                                              | MA14+PA24-C (2)                                                                                                                                                                              | ME14-C (2)   |                                        |
| 2A24  | 3/0-250 AWG     | 120     | 95-120   |                                    | ME19-50 (3)                                                                                              | MA19+PA24-C (2)                                                                                                                                                                              | ME19-C (2)   |                                        |
| 2A30  | 250-300 MCM     | 150     | 120-150  |                                    | ME24-50 (4)                                                                                              | MA24+PA24-C (3)                                                                                                                                                                              | ME24-C (3)   |                                        |
| 2A37  | 300-350 MCM     | 185     | 150-185  |                                    | ME30-50 (5)                                                                                              | MA30+PA48-C (3)                                                                                                                                                                              | ME30-C (3)   |                                        |
| 2A48  | 350-500 MCM     | 240     | 185-240  |                                    | ME37-50 (5)                                                                                              | MA37+PA48-C (3)                                                                                                                                                                              | ME37-C (3)   |                                        |
| 2A60  | 500-600 MCM     | 300     | 240-300  |                                    | ME48-50 (5)                                                                                              | MA48+PA48-C (3)                                                                                                                                                                              | ME48-C (3)   |                                        |
| 2A80  | 800 MCM         | 400     | 300-400  |                                    | -                                                                                                        | MA60+PA60-C (1)                                                                                                                                                                              | ME60-C (5)   | ME80-3D (3)                            |
|       |                 |         |          |                                    | -                                                                                                        | -                                                                                                                                                                                            | ME80-C (6)   | ME80-520 (3)                           |