

# ALUMINUM PENN-CRIMPS® • TYPE BCUA

Crimp splices for #6 stranded thru 1000 MCM copper  
or aluminum wire or cable



BCUA SPLICES ARE SUITABLE FOR USE AT VOLTAGES UP TO 35KV PROVIDED CONNECTOR IS TAPED IN ACCORDANCE WITH ACCEPTED PRACTICES. 5KV IS MAXIMUM VOLTAGE LEVEL IN ALL BARE SPLICE APPLICATIONS.

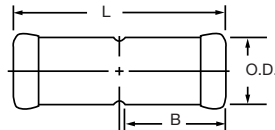
Seamless, one piece, pure aluminum construction with tin plating assures maximum conductivity. Generous entrance chamfer provides easy cable insertion. The barrels are filled with Cual-Aid® and capped at factory to eliminate the need for separate application of Cual-Aid® to the conductor. Wire brushing of aluminum conductor is required.

This assures a stable, cool running joint. Positive cable stops insure proper insertion.

Catalogue number and conductor size marked on every piece to insure positive identification.

Can be installed with existing crimping tools.

Colour coding conforms to industry requirements to insure proper connection/die selection and to provide for faster installation.



| Part #  | 1<br>Conductor<br>Range | Colour<br>Code | Wire<br>Diam<br>(in) | Approximate Dimensions<br>(in inches) |         |         | Crimping Tool Reference |            |             |                     |       |
|---------|-------------------------|----------------|----------------------|---------------------------------------|---------|---------|-------------------------|------------|-------------|---------------------|-------|
|         |                         |                |                      | O.D.                                  | B       | L       | Alt. Tooling            |            | Penn-Union  |                     |       |
|         |                         |                |                      |                                       |         |         | Burndy<br>Index<br>No.  | T&B<br>Die | PUC<br>Dies | Pressure<br>Setting |       |
|         |                         |                |                      |                                       |         |         |                         |            |             | TDY-1               | TDY-U |
| BCUA8 • | 8 Str.                  | Blue           | .146                 | 19/64                                 | 3/4     | 1 3/4   | B-374                   | TBM-5      | T-374*      | 2                   | 2     |
| BCUA6   | 6 Str.                  | Gray           | .184                 | 11/32                                 | 3/4     | 1 5/8   | B-346                   |            | T-346*      |                     |       |
| BCUA4   | 4 Str.                  | Green          | .232                 | 7/16                                  | 7/8     | 1 7/8   | B-375                   |            | T-11/355    |                     |       |
| BCUA2   | 2 Str.                  | Pink           | .292                 | 17/32                                 | 1 1/8   | 2 3/8   | B-348                   |            | T-12/348    |                     |       |
| BCUA1   | 1 Str.                  | Gold           | .332                 | 17/32                                 | 29/32   | 1 15/16 | B-471                   |            | T-471*      |                     |       |
| BCUA1/0 | 1/0 Str.                | Tan            | .375                 | 19/32                                 | 1       | 2 1/8   | B-296                   | 50         | T-296       |                     |       |
| BCUA2/0 | 2/0 Str.                | Olive          | .419                 | 11/16                                 | 1 3/32  | 2 5/16  | B-297                   | 54         | T-297       |                     |       |
| BCUA3/0 | 3/0 Str.                | Ruby           | .470                 | 3/4                                   | 1 1/4   | 2 5/8   | B-467                   | 60         | T-467       |                     |       |
| BCUA4/0 | 4/0 Str.                | White          | .528                 | 27/32                                 | 1 15/16 | 2 3/4   | B-298                   | 66         | T-17*       |                     |       |
| BCUA025 | 250 MCM                 | Red            | .575                 | 15/16                                 | 1 13/32 | 2 15/16 | B-324                   | 71         | T-18/324    | 5                   | 5     |
| BCUA030 | 300 MCM                 | Blue           | .634                 | 1                                     | 1 1/2   | 3 1/8   | B-470                   | 76         | T-470*      |                     |       |
| BCUA035 | 350 MCM                 | Brown          | .682                 | 1 1/8                                 | 1 5/8   | 3 3/8   | B-299                   | 87         | T-20/299    |                     |       |
| BCUA040 | 400 MCM                 | Green          | .728                 | 1 3/16                                | 1 13/16 | 3 3/4   | B-472                   | 94         | T-22/472    | 7                   | 7     |
| BCUA050 | 500 MCM                 | Pink           | .815                 | 1 5/16                                | 1 7/8   | 3 7/8   | B-300                   | 106        | T-300       |                     |       |
| BCUA060 | 600 MCM                 | Black          | .893                 | 1 7/16                                | 2       | 4 1/8   | B-473                   | 115        | T-473       |                     |       |
| BCUA075 | 750 MCM                 | Red            | .999                 | 1 19/32                               | 2 1/4   | 4 5/8   | B-301                   | 130        | —           | 9                   | 9     |
| BCUA080 | 800 MCM                 | Gray           | 1.031                | 1 21/32                               | 2 15/16 | 4 3/4   | B-474                   | 140        | —           |                     |       |
| BCUA100 | 1000 MCM                | Brown          | 1.153                | 1 27/32                               | 2 9/16  | 5 1/4   | B-302                   | 150        | —           |                     |       |

• Not UL Listed.

\* Consult factory for availability of dies. Not available at this time.

1 Concentric, Compressed and Compact and Compact Stranding. For other cable types see chart on page 109.

CSA approved with T&B, Burndy, Versa-Crimp, Huskie Tooling and Penn-Union Tools. See CSA File # LR23769-20, figure A5, appendix I.

Installation tools see page F-24