



# UL CLASSIFICATION MATRIX

| CLASSIFIED<br>UL US<br>E468689 |  | Dual Rated Lugs & Splices |            |              |                                  |          |            |                              |
|--------------------------------|--|---------------------------|------------|--------------|----------------------------------|----------|------------|------------------------------|
|                                |  | Anderson                  | Blackburn® | Burndy       | ILSCO                            | Panduit  | Penn-Union | T&B                          |
| <b>Splice Model #'s</b>        |  | VACS                      | ASP        | YS-A         | AS, ASN                          | SA       | BCUA       | 60501 – 60565                |
| <b>Lug Model #'s</b>           |  | VACL                      | ATL        | YA-A, YA-ATN | ACL, ACN, ALNS, 2ACL, 2ACN, ALND | LAA, LAB | BLUA       | 60101 – 60166, 60230 – 60267 |

  

| Wire Size | Color Code | MILWAUKEE® Die Part Number | Die Indentation Mark | Lugs: Total # of Crimps |                         |        | Splices: Total # of Crimps per Side |         |            |
|-----------|------------|----------------------------|----------------------|-------------------------|-------------------------|--------|-------------------------------------|---------|------------|
|           |            |                            |                      | Anderson                | Blackburn®              | Burndy | ILSCO                               | Panduit | Penn-Union |
| #8 AWG    | BLUE       | 49-16-U008                 | 8                    | Lugs: N/A<br>Splices: 2 | Lugs: 2<br>Splices: N/A | 2      | 2                                   | 2       | 2          |
| #6 AWG    | GRAY       | 49-16-U006                 | 6                    |                         |                         |        |                                     |         |            |
| #4 AWG    | GREEN      | 49-16-U004                 | 4                    |                         |                         |        |                                     |         |            |
| #2 AWG    | PINK       | 49-16-U002                 | 2                    |                         |                         |        |                                     |         |            |
| #1 AWG    | GOLD       | 49-16-U001                 | 1                    | 3                       | 3                       | 3      | 3                                   | 3       | 3          |
| 1/0 AWG   | TAN        | 49-16-U01A                 | 1/0                  |                         |                         |        |                                     |         |            |
| 2/0 AWG   | OLIVE      | 49-16-U02A                 | 2/0                  |                         |                         |        |                                     |         |            |
| 3/0 AWG   | RUBY       | 49-16-U03A                 | 3/0                  |                         |                         |        |                                     |         |            |
| 4/0 AWG   | WHITE      | 49-16-U04A                 | 4/0                  |                         |                         |        |                                     |         |            |
| 250 MCM   | RED        | 49-16-U250                 | 250                  | 4                       | 4                       | 4      | 4                                   | 4       | 4          |
| 300 MCM   | BLUE       | 49-16-U300                 | 300                  |                         |                         |        |                                     |         |            |
| 350 MCM   | BROWN      | 49-16-U350                 | 350                  |                         |                         |        |                                     |         |            |

  

| CLASSIFIED<br>UL US<br>E468689 |  | Copper Short & Long Barrel Lugs & Splices |                        |  |   |                          |            |  |
|--------------------------------|--|---|------------------------|--|---|--------------------------|------------|--|
|                                |  | Anderson                                  | Blackburn®             | Burndy   | ILSCO   | Panduit                  | Penn-Union | T&B  |
| <b>Splice Model #'s</b>        |  | VHSS, VHS                                 | CSP, CU                | YS, YS-L, YS-T   | CT, CTL   | SCSS, SCS, SCL, SCH      | BCU, BBCU  | 54504 – 54520, 54804 – 54820                                       |
| <b>Lug Model #'s</b>           |  | VHCS, VHCL                                | CTL-2, CTL, CTL-L, LCN | YA, YAZ, YA-L, YA-2L, YA-2LN, YA-L-NT, YA-L-2NT, YA-L-TC, YA-L-2TC, YA-2N, YA-TC, YA-2TC | CSW, CRA, CRB, CLN, CLW, CRA-L, CRB-L, CRA-2L, CRB-2L | LCAS, LCA, LCD, LCB, LCC | BLU, BBLU  | 54104 – 54120, 54204 – 54220, 54930BE – 54920BE, 54850BE – 54878BE |

  

| Wire Size | Color Code | MILWAUKEE® Die Part Number | Die Indentation Mark | Lugs: Total # of Crimps |            |        | Splices: Total # of Crimps per Side |         |            |
|-----------|------------|----------------------------|----------------------|-------------------------|------------|--------|-------------------------------------|---------|------------|
|           |            |                            |                      | Anderson                | Blackburn® | Burndy | ILSCO                               | Panduit | Penn-Union |
| #8 AWG    | RED        | 49-16-U008C                | 8                    | 1                       | 1          | 1      | 1                                   | 1       | 1          |
| #6 AWG    | BLUE       | 49-16-U006C                | 6                    |                         |            |        |                                     |         |            |
| #4 AWG    | GRAY       | 49-16-U004C                | 4                    |                         |            |        |                                     |         |            |
| #2 AWG    | BROWN      | 49-16-U002C                | 2                    |                         |            |        |                                     |         |            |
| #1 AWG    | GREEN      | 49-16-U001C                | 1                    | 2                       | 2          | 2      | 2                                   | 2       | 2          |
| 1/0 AWG   | PINK       | 49-16-U01AC                | 1/0                  |                         |            |        |                                     |         |            |
| 2/0 AWG   | BLACK      | 49-16-U02AC                | 2/0                  |                         |            |        |                                     |         |            |
| 3/0 AWG   | ORANGE     | 49-16-U03AC                | 3/0                  |                         |            |        |                                     |         |            |
| 4/0 AWG   | PURPLE     | 49-16-U04AC                | 4/0                  |                         |            |        |                                     |         |            |
| 250 MCM   | YELLOW     | 49-16-U250C                | 250                  | 2                       | 2          | 2      | 2                                   | 2       | 2          |
| 300 MCM   | WHITE      | 49-16-U300C                | 300                  |                         |            |        |                                     |         |            |
| 350 MCM   | RED        | 49-16-U350C                | 350                  |                         |            |        |                                     |         |            |
| 400 MCM   | BLUE       | 49-16-U400C                | 400                  | Lugs: 2<br>Splice: N/A  |            |        |                                     |         |            |
| 500 MCM   | BROWN      | 49-16-U500C                | 500                  |                         |            |        |                                     |         |            |
| 600 MCM   | GREEN      | 49-16-U600C                | 600                  |                         |            |        |                                     |         |            |

Connections made with this tool (2679-20), jaw (49-16-U000) and combination of die and connector part numbers in the charts above produce cULus classified crimps according to the UL 486A-B classification standards.

10-20-0893



2679-20, along with MILWAUKEE® U Style Dies, is UL Classified with most Anderson, Blackburn®, Burndy, ILSCO, Panduit, Penn-Union and T&B connectors #8 – 600 MCM Cu and #8 – 350 MCM Dual Rated Connectors. Refer to full UL Classification Matrix above.