

## Compression connectors for copper conductors



**Material** – High-conductivity wrought copper

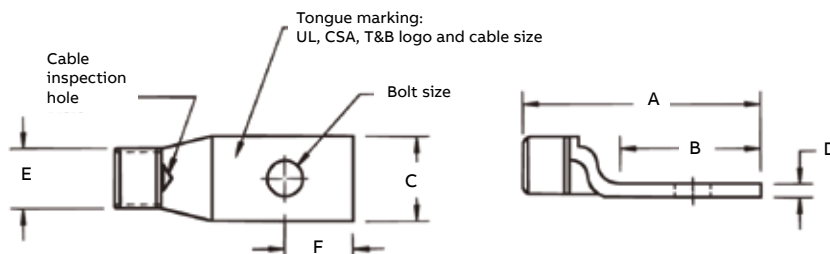
**Finish** – Electro tin plated



One-hole lugs – Standard barrel certified to 600 V and recommended up to 35 kV\*

| Cat no.        | Code cable | Wire size                                                              |           | Dimensions in. (mm) |             |             |            |             |             | Die code | Colour code |
|----------------|------------|------------------------------------------------------------------------|-----------|---------------------|-------------|-------------|------------|-------------|-------------|----------|-------------|
|                |            | Flex cable classes<br>G, H, I, K, M                                    | Bolt size | A                   | B           | C           | D          | E           | F           |          |             |
| 54101          | #14–10 AWG | –                                                                      | ¼         | 1.23 (31.2)         | 0.56 (14.2) | 0.50 (12.7) | 0.05 (1.3) | 0.20 (5.1)  | 0.25 (6.4)  | ERG2002  | Yellow      |
| 256-30695-1351 | #14–10 AWG |                                                                        | #8        | 1.36 (34.5)         | 0.68 (17.3) | 0.36 (9.1)  | 0.05 (1.3) | 0.20 (5.1)  | 0.25 (6.4)  | ERG2002  |             |
| 256-30695-1352 | #14–10 AWG |                                                                        | ¼         | 1.36 (34.5)         | 0.68 (17.3) | 0.41 (10.4) | 0.05 (1.3) | 0.20 (5.1)  | 0.25 (6.4)  | ERG2002  |             |
| 256-30695-263  | #14–10 AWG |                                                                        | ¼         | 1.69 (43.0)         | 0.81 (20.6) | 0.50 (12.7) | 0.07 (1.8) | 0.20 (5.1)  | 0.25 (6.4)  | ERG2002  |             |
| 54104          | #8 AWG     | #8 Str.,<br>23 Navy<br>#8 Weld<br>37/24<br>0.180                       | #10       | 1.16 (29.5)         | 0.50 (12.7) | 0.39 (9.9)  | 0.08 (2.0) | 0.25 (6.4)  | 0.22 (5.6)  | 21       | Red         |
| 54130          | #8 AWG     |                                                                        | ¼         | 1.20 (30.5)         | 0.61 (15.5) | 0.45 (11.4) | 0.07 (1.8) | 0.25 (6.4)  | 0.25 (6.4)  | 21       |             |
| 54131          | #8 AWG     |                                                                        | 5/16      | 1.33 (33.8)         | 0.64 (16.3) | 0.56 (14.2) | 0.05 (1.3) | 0.25 (6.4)  | 0.28 (7.1)  | 21       |             |
| 54132          | #8 AWG     |                                                                        | ¾         | 1.33 (33.8)         | 0.64 (16.3) | 0.56 (14.2) | 0.05 (1.3) | 0.25 (6.4)  | 0.28 (7.1)  | 21       |             |
| 256-30695-424  | #8 AWG     |                                                                        | ½         | 1.75 (44.5)         | 1.31 (33.3) | 1.00 (25.4) | 0.13 (3.3) | 0.25 (6.4)  | 0.50 (12.7) | 21       |             |
| 256-30695-1361 | #6 AWG     | #6 Str.,<br>#30 Navy<br>#6 Weld<br>61/24<br>133/0.014,<br>0.227        | #12       | 1.23 (31.2)         | 0.53 (13.5) | 0.44 (11.2) | 0.07 (1.8) | 0.31 (7.8)  | 0.22 (5.6)  | 24       | Blue        |
| 54134          | #6 AWG     |                                                                        | #10       | 1.23 (31.2)         | 0.53 (13.5) | 0.44 (11.2) | 0.07 (1.8) | 0.31 (7.8)  | 0.22 (5.6)  | 24       |             |
| 54105          | #6 AWG     |                                                                        | ¼         | 1.23 (31.2)         | 0.53 (13.5) | 0.44 (11.2) | 0.07 (1.8) | 0.31 (7.8)  | 0.22 (5.6)  | 24       |             |
| 54135          | #6 AWG     |                                                                        | 5/16      | 1.41 (35.8)         | 0.67 (17.0) | 0.60 (15.2) | 0.07 (1.8) | 0.31 (7.8)  | 0.31 (7.9)  | 24       |             |
| 54136          | #6 AWG     |                                                                        | ¾         | 1.41 (35.8)         | 0.67 (17.0) | 0.60 (15.2) | 0.07 (1.8) | 0.31 (7.8)  | 0.31 (7.9)  | 24       |             |
| 256-30695-282  | #6 AWG     |                                                                        | ¾         | 1.41 (35.8)         | 0.75 (19.1) | 0.56 (14.2) | 0.06 (1.5) | 0.31 (7.8)  | 0.31 (7.9)  | 24       |             |
| 256-30695-422  | #6 AWG     |                                                                        | ½         | 1.75 (44.5)         | 1.31 (33.3) | 1.00 (25.4) | 0.13 (3.3) | 0.31 (7.8)  | 0.50 (12.7) | 24       |             |
| 256-30695-1362 | #4 AWG     | #5 Str., 40-50<br>Navy<br>91/24<br>133/0.0177,<br>49/0.029<br>0.265    | #12       | 1.38 (35.1)         | 0.60 (15.2) | 0.55 (14.0) | 0.09 (2.3) | 0.37 (9.4)  | 0.25 (6.4)  | 29       | Grey        |
| 54138          | #4 AWG     |                                                                        | #10       | 1.38 (35.1)         | 0.60 (15.2) | 0.55 (14.0) | 0.09 (2.3) | 0.37 (9.4)  | 0.25 (6.4)  | 29       |             |
| 54106          | #4 AWG     |                                                                        | ¼         | 1.38 (35.1)         | 0.60 (15.2) | 0.55 (14.0) | 0.09 (2.3) | 0.37 (9.4)  | 0.25 (6.4)  | 29       |             |
| 54139          | #4 AWG     |                                                                        | 5/16      | 1.42 (36.1)         | 0.66 (16.8) | 0.61 (15.5) | 0.07 (1.8) | 0.37 (9.4)  | 0.31 (7.9)  | 29       |             |
| 54140          | #4 AWG     |                                                                        | ¾         | 1.42 (36.1)         | 0.66 (16.8) | 0.61 (15.5) | 0.07 (1.8) | 0.37 (9.4)  | 0.31 (7.9)  | 29       |             |
| 256-30695-233  | #4 AWG     |                                                                        | ¾         | 1.56 (37.0)         | 0.75 (19.1) | 0.59 (15.0) | 0.06 (1.5) | 0.37 (9.4)  | 0.31 (7.9)  | 29       |             |
| 256-30695-264  | #4 AWG     |                                                                        | ½         | 2.20 (56.0)         | 1.40 (35.6) | 1.00 (25.4) | 0.06 (1.5) | 0.37 (9.4)  | 0.50 (12.7) | 29       |             |
| 54107          | #2 AWG     | #3 Str.,<br>#60 Navy<br>125/24<br>#4 Weld<br>0.300                     | ¼         | 1.50 (38.1)         | 0.65 (16.5) | 0.59 (15.0) | 0.11 (2.8) | 0.41 (10.4) | 0.25 (6.4)  | 33       | Brown       |
| 54142-TB       | #2 AWG     |                                                                        | 5/16      | 1.73 (43.9)         | 0.88 (22.4) | 0.59 (15.0) | 0.11 (2.8) | 0.41 (10.4) | 0.38 (9.7)  | 33       |             |
| 54143-TB       | #2 AWG     |                                                                        | ¾         | 1.65 (41.9)         | 0.80 (20.3) | 0.59 (15.0) | 0.11 (2.8) | 0.41 (10.4) | 0.38 (9.7)  | 33       |             |
| 54145-TB       | #2 AWG     |                                                                        | ½         | 1.92 (48.8)         | 1.08 (27.4) | 0.75 (19.1) | 0.08 (2.0) | 0.41 (10.4) | 0.50 (12.7) | 33       |             |
| 54108          | #1 AWG     | #2 Str., 75 Navy,<br>#2 Weld<br>150/24, 175/24<br>133/0.0223,<br>0.360 | ¼         | 1.50 (38.1)         | 0.65 (16.5) | 0.68 (17.3) | 0.11 (2.8) | 0.47 (11.9) | 0.25 (6.4)  | 37       | Green       |
| 54147          | #1 AWG     |                                                                        | 5/16      | 1.73 (43.9)         | 0.93 (23.6) | 0.68 (17.3) | 0.11 (2.8) | 0.47 (11.9) | 0.38 (9.7)  | 37       |             |
| 54148          | #1 AWG     |                                                                        | ¾         | 1.78 (45.2)         | 0.98 (24.9) | 0.68 (17.3) | 0.11 (2.8) | 0.47 (11.9) | 0.38 (9.7)  | 37       |             |
| 54150          | #1 AWG     |                                                                        | ½         | 2.10 (53.3)         | 1.25 (31.8) | 0.76 (19.3) | 0.11 (2.8) | 0.47 (11.9) | 0.50 (12.7) | 37       |             |

Diagram



\* For installations from 16 kV up to 35 kV, consult shielded cable manufacturers for stress relief and insulation requirements. Call your regional sales office for sizes not listed. For tool and die selection charts, see the Tools, Dies and Kits catalogue.

## Compression connectors for copper conductors



**Material** – High-conductivity wrought copper

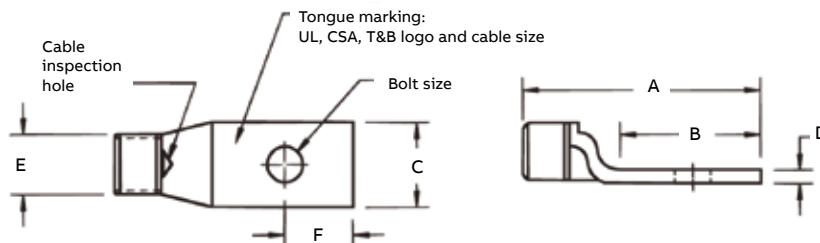
**Finish** – Electro tin plated



One-hole lugs – Standard barrel certified to 600 V and recommended up to 35 kV\* (continued)

| Cat no.        | Code cable | Wire size                                                                                  |           | Dimensions in. (mm) |             |             |            |             |             |    | Die code | Colour code |
|----------------|------------|--------------------------------------------------------------------------------------------|-----------|---------------------|-------------|-------------|------------|-------------|-------------|----|----------|-------------|
|                |            | Flex cable classes<br>G, H, I, K, M                                                        | Bolt size | A                   | B           | C           | D          | E           | F           |    |          |             |
| 54152-TB       | 1/0 AWG    | 1 AWG, #100 Navy<br>#1 Weld<br>225/24<br>133/0.0254,<br>0.389 min.                         | ¼         | 1.60 (40.6)         | 0.65 (16.5) | 0.75 (19.1) | 0.13 (3.3) | 0.52 (13.2) | 0.25 (6.4)  | 42 | Pink     |             |
| 54153-TB       | 1/0 AWG    |                                                                                            | ⅝         | 1.83 (46.5)         | 0.88 (22.4) | 0.75 (19.1) | 0.13 (3.3) | 0.52 (13.2) | 0.38 (9.7)  | 42 |          |             |
| 54109          | 1/0 AWG    |                                                                                            | ¾         | 1.88 (47.8)         | 0.93 (23.6) | 0.75 (19.1) | 0.13 (3.3) | 0.52 (13.2) | 0.38 (9.7)  | 42 |          |             |
| 54155-TB       | 1/0 AWG    |                                                                                            | ½         | 2.20 (55.9)         | 1.25 (31.8) | 0.75 (19.1) | 0.13 (3.3) | 0.52 (13.2) | 0.50 (12.7) | 42 |          |             |
| 256-30695-1383 | 1/0 AWG    |                                                                                            | ⅝         | 2.54 (64.5)         | 1.50 (38.1) | 0.88 (22.4) | 0.13 (3.3) | 0.52 (13.2) | 0.63 (16.0) | 42 |          |             |
| 54157          | 2/0 AWG    | 1/0 AWG, 125 Navy<br>1/0 Weld<br>275/24<br>427/0.0155,<br>438 min.<br>133/0.0282           | ¼         | 1.65 (41.9)         | 0.65 (16.5) | 0.83 (21.1) | 0.13 (3.3) | 0.57 (14.5) | 0.25 (6.4)  | 45 | Black    |             |
| 54158          | 2/0 AWG    |                                                                                            | ⅝         | 1.88 (47.8)         | 0.88 (22.4) | 0.83 (21.1) | 0.13 (3.3) | 0.57 (14.5) | 0.38 (9.7)  | 45 |          |             |
| 54110          | 2/0 AWG    |                                                                                            | ¾         | 1.93 (49.0)         | 0.93 (23.6) | 0.83 (21.1) | 0.13 (3.3) | 0.57 (14.5) | 0.38 (9.7)  | 45 |          |             |
| 54160          | 2/0 AWG    |                                                                                            | ½         | 2.25 (57.2)         | 1.25 (31.6) | 0.83 (21.1) | 0.13 (3.3) | 0.57 (14.5) | 0.50 (12.7) | 45 |          |             |
| 256-30695-131  | 2/0 AWG    |                                                                                            | ⅝         | 2.56 (65.0)         | 1.50 (38.1) | 0.83 (21.1) | 0.13 (3.3) | 0.57 (14.5) | 0.63 (16.0) | 45 |          |             |
| 54162-TB       | 3/0 AWG    | 2/0 AWG, 150 Navy<br>2/0 Weld,<br>325/24<br>133/0.0316,<br>259/0.0227<br>427/0.0177, 0.500 | ¼         | 1.75 (44.5)         | 0.65 (16.5) | 0.92 (23.4) | 0.13 (3.3) | 0.63 (16.0) | 0.25 (6.4)  | 50 | Orange   |             |
| 54163-TB       | 3/0 AWG    |                                                                                            | ⅝         | 1.98 (50.3)         | 0.88 (22.4) | 0.92 (23.4) | 0.13 (3.3) | 0.63 (16.0) | 0.38 (9.7)  | 50 |          |             |
| 54111          | 3/0 AWG    |                                                                                            | ¾         | 2.03 (51.6)         | 0.93 (23.6) | 0.92 (23.4) | 0.13 (3.3) | 0.63 (16.0) | 0.38 (9.7)  | 50 |          |             |
| 54165-TB       | 3/0 AWG    |                                                                                            | ½         | 2.35 (59.7)         | 1.25 (31.8) | 0.92 (23.4) | 0.13 (3.3) | 0.63 (16.0) | 0.50 (12.7) | 50 |          |             |
| 54167          | 4/0 AWG    | 3/0 AWG, 200 Navy<br>3/0 Weld<br>450/24<br>703/0.0154,<br>0.560                            | ¼         | 1.90 (48.3)         | 0.65 (16.5) | 1.03 (26.2) | 0.14 (3.6) | 0.70 (17.8) | 0.25 (6.4)  | 54 | Purple   |             |
| 54168          | 4/0 AWG    |                                                                                            | ⅝         | 2.13 (54.1)         | 0.87 (22.1) | 1.03 (26.2) | 0.14 (3.6) | 0.70 (17.8) | 0.38 (9.7)  | 54 |          |             |
| 54112          | 4/0 AWG    |                                                                                            | ¾         | 2.18 (55.4)         | 0.93 (23.6) | 1.03 (26.2) | 0.14 (3.6) | 0.70 (17.8) | 0.38 (9.7)  | 54 |          |             |
| 54170          | 4/0 AWG    |                                                                                            | ½         | 2.50 (63.5)         | 1.25 (31.8) | 1.03 (26.2) | 0.14 (3.6) | 0.70 (17.8) | 0.50 (12.7) | 54 |          |             |
| 256-30695-1174 | 4/0 AWG    |                                                                                            | ¾         | 2.86 (72.6)         | 1.56 (39.6) | 1.03 (26.2) | 0.14 (3.6) | 0.70 (17.8) | 0.75 (19.1) | 54 |          |             |
| 58161          | –          | 4/0 Weld<br>550/24<br>130/0.0399<br>259/0.0286<br>66                                       | ¼         | 2.23 (56.6)         | 0.78 (19.8) | 1.25 (31.8) | 0.15 (3.8) | 0.79 (20.1) | 0.38 (9.7)  | 62 | Yellow   |             |
| 58162          | –          |                                                                                            | ⅝         | 2.33 (59.2)         | 0.88 (22.4) | 1.25 (31.8) | 0.15 (3.8) | 0.79 (20.1) | 0.38 (9.7)  | 62 |          |             |
| 58163          | –          |                                                                                            | ¾         | 2.38 (60.5)         | 0.93 (23.6) | 1.25 (31.8) | 0.15 (3.8) | 0.79 (20.1) | 0.38 (9.7)  | 62 |          |             |
| 58165          | –          |                                                                                            | ½         | 2.76 (70.1)         | 1.25 (31.8) | 1.25 (31.8) | 0.15 (3.8) | 0.79 (20.1) | 0.50 (12.7) | 62 |          |             |
| 58166          | –          |                                                                                            | ⅝         | 3.03 (77.0)         | 1.58 (40.1) | 1.25 (31.8) | 0.15 (3.8) | 0.79 (20.1) | 0.83 (21.1) | 62 |          |             |
| 54172-TB       | 250 kcmil  | 4/0<br>250 Navy<br>0.629                                                                   | ¼         | 2.00 (50.8)         | 0.65 (16.5) | 1.13 (28.7) | 0.14 (3.6) | 0.77 (19.6) | 0.50 (12.7) | 62 |          |             |
| 54173          | 250 kcmil  |                                                                                            | ⅝         | 2.23 (56.6)         | 0.88 (22.4) | 1.13 (28.7) | 0.14 (3.6) | 0.77 (19.6) | 0.38 (9.7)  | 62 |          |             |
| 54174          | 250 kcmil  |                                                                                            | ¾         | 2.28 (57.9)         | 0.93 (23.6) | 1.13 (28.7) | 0.14 (3.6) | 0.77 (19.6) | 0.38 (9.7)  | 62 |          |             |
| 54113          | 250 kcmil  |                                                                                            | ½         | 2.60 (66.0)         | 1.25 (31.8) | 1.13 (28.7) | 0.14 (3.6) | 0.77 (19.6) | 0.50 (12.7) | 62 |          |             |

Diagram



\* For installations from 16 kV up to 35 kV, consult shielded cable manufacturers for stress relief and insulation requirements. Call your regional sales office for sizes not listed. For tool and die selection charts, see the Tools, Dies and Kits catalogue.

## Compression connectors for copper conductors



**Material** – High-conductivity wrought copper

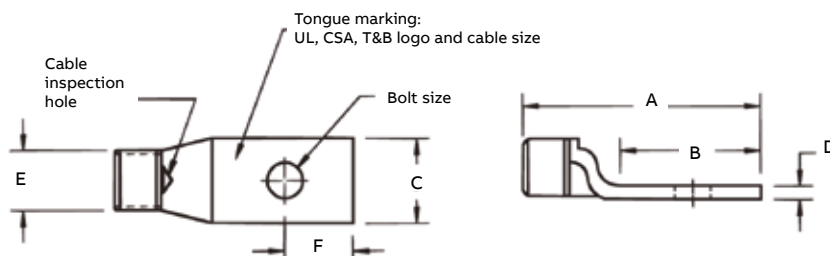
**Finish** – Electro tin plated



One-hole lugs – Standard barrel certified to 600 V and recommended up to 35 kV\* (continued)

| Cat no.        | Code cable | Wire size                                                                  |           | Dimensions in. (mm) |             |             |            |             |             |    | Die code | Colour code |
|----------------|------------|----------------------------------------------------------------------------|-----------|---------------------|-------------|-------------|------------|-------------|-------------|----|----------|-------------|
|                |            | Flex cable classes G, H, I, K, M                                           | Bolt size | A                   | B           | C           | D          | E           | F           |    |          |             |
| 58168          | –          | 250 Weld<br>650/24 = 262 kcmil<br>259/0.0311, 703/0.0189                   | ½         | 2.70 (68.6)         | 1.25 (31.8) | 1.25 (31.8) | 0.15 (3.8) | 0.85 (21.6) | 0.50 (12.7) | 66 |          | White       |
| 54178          | 300 kcmil  | 250 kcmil                                                                  | ⅜         | 2.33 (59.2)         | 0.88 (22.4) | 1.25 (31.8) | 0.15 (3.8) | 0.85 (21.6) | 0.38 (9.7)  | 66 |          |             |
| 54179          |            | 300 Navy<br>0.660                                                          | ⅜         | 2.43 (61.7)         | 0.93 (23.6) | 1.25 (31.8) | 0.15 (3.8) | 0.85 (21.6) | 0.38 (9.7)  | 66 |          |             |
| 54114          |            |                                                                            | ½         | 2.70 (68.6)         | 1.25 (31.8) | 1.25 (31.8) | 0.15 (3.8) | 0.85 (21.6) | 0.50 (12.7) | 66 |          |             |
| 54181          |            |                                                                            | ⅝         | 3.03 (77.0)         | 1.58 (40.1) | 1.25 (31.8) | 0.15 (3.8) | 0.85 (21.6) | 0.75 (19.1) | 66 |          |             |
| 58171          | –          | 300 Weld, 259/0.034<br>427/0.0265, 889/0.0183<br>775/24 = 313 kcmil, 0.719 | ½         | 2.85 (72.4)         | 1.25 (31.8) | 1.36 (34.5) | 0.18 (4.6) | 0.93 (23.6) | 0.50 (12.7) | 71 |          | Red         |
| 256-30695-112  | 350 kcmil  | 350 Navy<br>0.719                                                          | ⅜         | 2.90 (73.7)         | 1.25 (31.8) | 1.36 (34.5) | 0.18 (4.6) | 0.93 (23.6) | 0.50 (12.7) | 71 |          |             |
| 54115          | 350 kcmil  |                                                                            | ½         | 2.85 (72.4)         | 1.25 (31.8) | 1.36 (34.5) | 0.18 (4.6) | 0.93 (23.6) | 0.50 (12.7) | 71 |          |             |
| 54183          | 350 kcmil  |                                                                            | ⅝         | 3.21 (81.5)         | 1.28 (32.5) | 1.36 (34.5) | 0.18 (4.6) | 0.93 (23.6) | 0.75 (19.1) | 71 |          |             |
| 58174          | –          | 350 Weld, 259/0.0368<br>427/0.0285<br>889/0.0201                           | ½         | 3.35 (85.1)         | 1.25 (31.8) | 1.61 (40.9) | 0.22 (5.6) | 1.09 (27.7) | 0.50 (12.7) | 76 |          | Blue        |
| 54116          | 400 kcmil  | 300 kcmil,                                                                 | ½         | 3.20 (81.3)         | 1.25 (31.8) | 1.41 (35.8) | 0.17 (4.3) | 0.96 (24.4) | 0.50 (12.7) | 76 |          |             |
| 54185          | 400 kcmil  | 400 Navy, 0.757                                                            | ⅝         | 3.53 (89.7)         | 1.58 (40.1) | 1.41 (35.8) | 0.17 (4.3) | 0.96 (24.4) | 0.75 (19.1) | 76 |          |             |
| 58177          | –          | 400 Weld<br>925/24 = 373 kcmil                                             | ½         | 3.31 (84.1)         | 1.25 (31.8) | 1.61 (40.9) | 0.22 (5.6) | 1.04 (26.4) | 0.50 (12.7) | 80 |          | –           |
| 256-30695-1403 | –          | 259/0.0393 or<br>427/0.0306, 0.799                                         | ⅜         | 3.31 (84.1)         | 1.31 (33.3) | 1.61 (40.9) | 0.22 (5.6) | 1.04 (26.4) | 0.63 (16.0) | 80 |          |             |
| 256-30695-339  | 500 kcmil  | 925/24                                                                     | ⅜         | 3.10 (78.7)         | 1.00 (25.4) | 1.61 (40.9) | 0.22 (5.6) | 1.10 (28.0) | 0.38 (9.7)  | 87 |          | Brown       |
| 54118          | 500 kcmil  | 500 Navy<br>0.850                                                          | ½         | 3.30 (83.8)         | 1.25 (31.8) | 1.61 (40.9) | 0.22 (5.6) | 1.10 (27.9) | 0.50 (12.7) | 87 |          |             |
| 54187          | 500 kcmil  |                                                                            | ⅝         | 3.63 (92.2)         | 1.58 (40.1) | 1.61 (40.9) | 0.22 (5.6) | 1.10 (27.9) | 0.63 (16.0) | 87 |          |             |
| 58180          | –          | 1100/24 = 444 kcmil<br>500 Weld, 259/0.0417<br>427/0.0325, 703/0.0253      | ⅝         | 3.79 (96.3)         | 1.58 (40.1) | 1.75 (44.5) | 0.24 (6.1) | 1.20 (30.5) | 0.63 (16.0) | 94 |          | Green       |
| 256-30695-1370 | 600 kcmil  | 0.956                                                                      | ½         | 3.65 (92.7)         | 1.44 (36.6) | 1.75 (44.5) | 0.24 (6.1) | 1.20 (30.5) | 0.48 (12.2) | 94 |          |             |
| 54120          | 600 kcmil  |                                                                            | ⅝         | 3.79 (96.3)         | 1.58 (40.1) | 1.75 (44.5) | 0.24 (6.1) | 1.20 (30.5) | 0.63 (16.0) | 94 |          |             |

Diagram



\* For installations from 16 kV up to 35 kV, consult shielded cable manufacturers for stress relief and insulation requirements. Call your regional sales office for sizes not listed. For tool and die selection charts, see the Tools, Dies and Kits catalogue.

## Compression connectors for copper conductors



**Material** – High-conductivity wrought copper

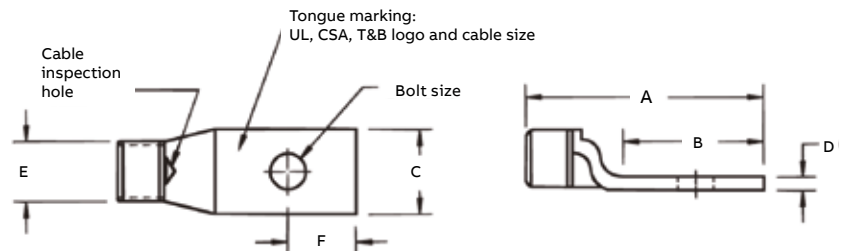
**Finish** – Electro tin plated



One-hole lugs – Standard barrel certified to 600 V and recommended up to 35 kV\* (continued)

| Wire size      |             |                                     |           | Dimensions in. (mm) |             |             |            |             |             |     | Die code | Colour code |
|----------------|-------------|-------------------------------------|-----------|---------------------|-------------|-------------|------------|-------------|-------------|-----|----------|-------------|
| Cat no.        | Code cable  | Flex cable classes<br>G, H, I, K, M | Bolt size | A                   | B           | C           | D          | E           | F           |     |          |             |
| 54122-TB       | 700 kcmil   | –                                   | 5⁄8       | 3.68 (93.5)         | 1.58 (40.1) | 1.84 (46.7) | 0.23 (5.8) | 1.26 (32.0) | 0.63 (16.0) | 99  | Pink     |             |
| 256-30695-1404 | –           | 1325/24 =                           | 5⁄8       | 3.29 (83.6)         | 1.29 (32.8) | 1.81 (46.0) | 0.28 (7.1) | 1.25 (31.8) | 0.66 (16.8) | 99  |          |             |
| 256-30695-1405 | –           | 500/535 kcmil                       | ½         | 3.29 (83.6)         | 1.29 (32.8) | 1.81 (46.0) | 0.28 (7.1) | 1.25 (31.8) | 0.66 (16.8) | 99  |          |             |
| 256-30695-840  | –           | 427/0.0342, 0.968                   | ½         | 4.00 (101.6)        | 1.69 (42.9) | 1.81 (46.0) | 0.28 (7.1) | 1.25 (31.8) | 0.48 (12.2) | 99  |          |             |
| 58182          | –           |                                     | 5⁄8       | 3.83 (97.3)         | 1.58 (40.1) | 1.81 (46.0) | 0.28 (7.1) | 1.25 (31.8) | 0.63 (16.0) | 99  |          |             |
| 256-30695-193  | –           | 1.060                               | ½         | 4.00 (101.6)        | 1.69 (42.9) | 1.94 (49.3) | 0.27 (6.9) | 1.33 (33.8) | 0.48 (12.2) | 106 | Black    |             |
| 54123-TB       | 750 kcmil   | 1.060                               | 5⁄8       | 3.87 (98.3)         | 1.58 (40.1) | 1.94 (49.3) | 0.27 (6.9) | 1.33 (33.8) | 0.63 (16.0) | 106 |          |             |
| 58184          | –           | 1600/24 = 646 kcmil                 | 5⁄8       | 3.80 (96.5)         | 1.58 (40.1) | 1.94 (49.3) | 0.27 (6.9) | 1.33 (33.8) | 0.63 (16.0) | 106 |          |             |
| 54124-TB       | 800 kcmil   | 800 Navy, 1.109                     | 5⁄8       | 4.04 (102.6)        | 1.58 (40.1) | 2.01 (51.1) | 0.27 (6.9) | 1.38 (35.1) | 0.63 (16.0) | 107 | Orange   |             |
| 256-30695-843  | 900 kcmil   | 1925/24 =                           | ½         | 4.31 (109.5)        | 1.81 (46.0) | 2.17 (55.1) | 0.31 (7.9) | 1.50 (38.1) | 0.88 (22.4) | 115 | Yellow   |             |
| 54126          | 900 kcmil   | 750/777 kcmil, 1.187                | 5⁄8       | 4.15 (105.4)        | 1.58 (40.1) | 2.17 (55.1) | 0.31 (7.9) | 1.50 (38.1) | 0.63 (16.0) | 115 |          |             |
| 54128          | 1,000 kcmil | 1,000 Navy, 1.253                   | 5⁄8       | 4.09 (103.9)        | 1.58 (40.1) | 2.27 (57.7) | 0.30 (7.6) | 1.55 (39.4) | 0.63 (16.0) | 125 | –        |             |

Diagram



\* For installations from 16 kV up to 35 kV, consult shielded cable manufacturers for stress relief and insulation requirements. Call your regional sales office for sizes not listed. For tool and die selection charts, see the Tools, Dies and Kits catalogue.

## Compression connectors for copper conductors



**Material** – High-conductivity wrought copper

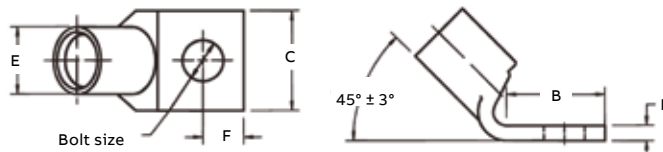
**Finish** – Electro tin plated



One-hole lugs – 45° Standard barrel certified to 600 V and recommended up to 35 kV\*

| Cat no.         | Code cable | Wire size                           |           | Dimensions in. (mm) |             |            |             |             | Die code | Colour code |
|-----------------|------------|-------------------------------------|-----------|---------------------|-------------|------------|-------------|-------------|----------|-------------|
|                 |            | Flex cable classes<br>G, H, I, K, M | Bolt size | B                   | C           | D          | E           | F           |          |             |
| 54104UF         | #8 AWG     | #8 Str., 23 Navy                    | #10       | 0.50 (12.7)         | 0.39 (9.9)  | 0.08 (2.0) | 0.25 (6.4)  | 0.22 (5.6)  | 21       | Red         |
| 54130UF         | #8 AWG     | #8 weld 37/24                       | 1/4       | 0.61 (15.5)         | 0.45 (11.4) | 0.07 (1.8) | 0.25 (6.4)  | 0.25 (6.4)  | 21       |             |
| 54131UF         | #8 AWG     | 0.180                               | 5/16      | 0.64 (16.3)         | 0.56 (14.2) | 0.05 (1.3) | 0.25 (6.4)  | 0.28 (7.1)  | 21       |             |
| 54132UF         | #8 AWG     |                                     | 3/8       | 0.64 (16.3)         | 0.56 (14.2) | 0.05 (1.3) | 0.25 (6.4)  | 0.28 (7.1)  | 21       |             |
| 54134UF         | #6 AWG     | #6 Str., 30 Navy                    | #10       | 0.53 (13.5)         | 0.44 (11.2) | 0.07 (1.8) | 0.31 (7.9)  | 0.22 (5.6)  | 24       | Blue        |
| 54105UF         | #6 AWG     | #6 Weld 61/24                       | 1/4       | 0.53 (13.5)         | 0.44 (11.2) | 0.07 (1.8) | 0.31 (7.9)  | 0.22 (5.6)  | 24       |             |
| 54135UF         | #6 AWG     | 133/0.014                           | 5/16      | 0.67 (17.0)         | 0.60 (15.2) | 0.07 (1.8) | 0.31 (7.9)  | 0.31 (7.8)  | 24       |             |
| 54136UF         | #6 AWG     | 0.227                               | 3/8       | 0.67 (17.0)         | 0.60 (15.2) | 0.07 (1.8) | 0.31 (7.9)  | 0.31 (7.8)  | 24       |             |
| 54138UF         | #4 AWG     | #5 Str., 40-50 Navy                 | #10       | 0.60 (15.2)         | 0.55 (14.0) | 0.09 (2.3) | 0.37 (9.4)  | 0.25 (6.4)  | 29       | Grey        |
| 54106UF         | #4 AWG     | 91/24                               | 1/4       | 0.60 (15.2)         | 0.55 (14.0) | 0.09 (2.3) | 0.37 (9.4)  | 0.25 (6.4)  | 29       |             |
| 54139UF         | #4 AWG     | 133/0.0177                          | 5/16      | 0.66 (16.8)         | 0.61 (15.5) | 0.07 (1.8) | 0.37 (9.4)  | 0.31 (7.8)  | 29       |             |
| 54140UF         | #4 AWG     | 49/0.029                            | 3/8       | 0.66 (16.8)         | 0.61 (15.5) | 0.07 (1.8) | 0.37 (9.4)  | 0.31 (7.8)  | 29       |             |
| 256-30695-264UF | #4 AWG     | 0.265                               | 1/2       | 1.40 (35.6)         | 1.00 (25.4) | 0.06 (1.5) | 0.37 (9.4)  | 0.50 (12.7) | 29       |             |
| 54107UF         | #2 AWG     | #3 Str.                             | 1/4       | 0.65 (16.5)         | 0.59 (15.0) | 0.11 (2.8) | 0.41 (10.4) | 0.25 (6.4)  | 33       | Brown       |
| 54142UF         | #2 AWG     | 60 Navy                             | 5/16      | 0.88 (22.4)         | 0.59 (15.0) | 0.11 (2.8) | 0.41 (10.4) | 0.38 (9.7)  | 33       |             |
| 54143UF         | #2 AWG     | 125/24                              | 3/8       | 0.80 (20.3)         | 0.59 (15.0) | 0.11 (2.8) | 0.41 (10.4) | 0.38 (9.7)  | 33       |             |
| 54145UF         | #2 AWG     | #4 Weld 0.300                       | 1/2       | 1.08 (27.4)         | 0.75 (19.1) | 0.08 (2.0) | 0.41 (10.4) | 0.50 (12.7) | 33       |             |
| 54108UF         | #1 AWG     | #2 AWG, 75 Navy,                    | 1/4       | 0.65 (16.5)         | 0.68 (17.3) | 0.11 (2.8) | 0.47 (11.9) | 0.25 (6.4)  | 37       | Green       |
| 54147UF         | #1 AWG     | #2 Weld 150/24                      | 5/16      | 0.93 (23.6)         | 0.68 (17.3) | 0.11 (2.8) | 0.47 (11.9) | 0.38 (9.7)  | 37       |             |
| 54148UF         | #1 AWG     | 175/24                              | 3/8       | 0.98 (24.9)         | 0.68 (17.3) | 0.11 (2.8) | 0.47 (11.9) | 0.38 (9.7)  | 37       |             |
| 54150UF         | #1 AWG     | 133/0.0223                          | 1/2       | 1.25 (31.8)         | 0.76 (19.3) | 0.11 (2.8) | 0.47 (11.9) | 0.50 (12.7) | 37       |             |
| 54152UF         | 1/0 AWG    | #1 AWG                              | 1/4       | 0.65 (16.5)         | 0.75 (19.1) | 0.13 (3.3) | 0.52 (13.2) | 0.25 (6.4)  | 42       | Pink        |
| 54153UF         | 1/0 AWG    | 100 Navy, #1 Weld                   | 5/16      | 0.88 (22.4)         | 0.75 (19.1) | 0.13 (3.3) | 0.52 (13.2) | 0.38 (9.7)  | 42       |             |
| 54109UF         | 1/0 AWG    | 225/24                              | 3/8       | 0.93 (23.6)         | 0.75 (19.1) | 0.13 (3.3) | 0.52 (13.2) | 0.38 (9.7)  | 42       |             |
| 54155UF         | 1/0 AWG    | 133/0.0254                          | 1/2       | 1.25 (31.8)         | 0.75 (19.1) | 0.13 (3.3) | 0.52 (13.2) | 0.50 (12.7) | 42       |             |
| 54157UF         | 2/0 AWG    | 1/0 AWG, 125 Navy                   | 1/4       | 0.65 (16.5)         | 0.83 (21.1) | 0.13 (3.3) | 0.57 (14.5) | 0.25 (6.4)  | 45       | Black       |
| 54158UF         | 2/0 AWG    | 1/0 Weld 275/24                     | 5/16      | 0.88 (22.4)         | 0.83 (21.1) | 0.13 (3.3) | 0.57 (14.5) | 0.38 (9.7)  | 45       |             |
| 54110UF         | 2/0 AWG    | 427/0.0155,                         | 3/8       | 0.93 (23.6)         | 0.83 (21.1) | 0.13 (3.3) | 0.57 (14.5) | 0.38 (9.7)  | 45       |             |
| 54160UF         | 2/0 AWG    | 133/0.0282                          | 1/2       | 1.25 (31.8)         | 0.83 (21.1) | 0.13 (3.3) | 0.57 (14.5) | 0.50 (12.7) | 45       |             |

Diagram



\* For installations from 16 kV up to 35 kV, consult shielded cable manufacturers for stress relief and insulation requirements. Call your regional sales office for sizes not listed. For tool and die selection charts, see the Tools, Dies and Kits catalogue.

## Compression connectors for copper conductors



**Material** – High-conductivity wrought copper

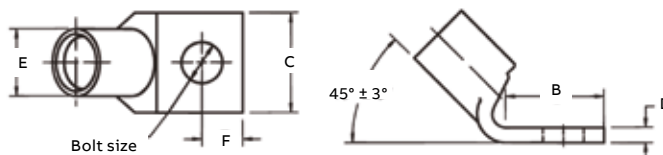
**Finish** – Electro tin plated



One-hole lugs – 45° Standard barrel certified to 600 V and recommended up to 35 kV\* (continued)

| Cat no.  | Code cable | Flex cable classes<br>G, H, I, K, M | Wire size<br>Bolt size | Dimensions in. (mm) |             |            |             |             | Die code | Colour code |
|----------|------------|-------------------------------------|------------------------|---------------------|-------------|------------|-------------|-------------|----------|-------------|
|          |            |                                     |                        | B                   | C           | D          | E           | F           |          |             |
| 54162UF  | 3/0 AWG    | 2/0 AWG, 150 Navy                   | 1/4                    | 0.65 (16.5)         | 0.92 (23.4) | 0.13 (3.3) | 0.63 (16.0) | 0.25 (6.4)  | 50       | Orange      |
| 54163UF  | 3/0 AWG    | 2/0 Weld, 325/24                    | 5/16                   | 0.88 (22.4)         | 0.92 (23.4) | 0.13 (3.3) | 0.63 (16.0) | 0.38 (9.7)  | 50       |             |
| 54111UF  | 3/0 AWG    | 133/0.0316, 259/0.0227              | 3/8                    | 0.93 (23.6)         | 0.92 (23.4) | 0.13 (3.3) | 0.63 (16.0) | 0.38 (9.7)  | 50       |             |
| 54165UF  | 3/0 AWG    | 427/0.0177                          | 1/2                    | 1.25 (31.8)         | 0.92 (23.4) | 0.13 (3.3) | 0.63 (16.0) | 0.50 (12.7) | 50       |             |
| 58147UF* | –          | 375/24                              | 1/4                    | 0.78 (19.8)         | 1.03 (26.2) | 0.16 (4.1) | 0.70 (17.8) | 0.34 (8.6)  | 50       |             |
| 58148UF* | –          |                                     | 5/16                   | 0.78 (19.8)         | 1.03 (26.2) | 0.16 (4.1) | 0.70 (17.8) | 0.34 (8.6)  | 50       |             |
| 58149UF* | –          |                                     | 3/8                    | 0.81 (20.6)         | 1.03 (26.2) | 0.16 (4.1) | 0.70 (17.8) | 0.38 (9.7)  | 50       |             |
| 58151UF* | –          |                                     | 1/2                    | 1.06 (26.9)         | 1.03 (26.2) | 0.16 (4.1) | 0.70 (17.8) | 0.50 (12.7) | 50       |             |
| 54167UF  | 4/0 AWG    | 3/0 AWG                             | 1/4                    | 0.65 (16.5)         | 1.03 (26.2) | 0.14 (3.6) | 0.70 (17.8) | 0.25 (6.4)  | 54       | Purple      |
| 54168UF  | 4/0 AWG    | 200 Navy, 3/0 Weld                  | 5/16                   | 0.87 (22.1)         | 1.03 (26.2) | 0.14 (3.6) | 0.70 (17.8) | 0.38 (9.7)  | 54       |             |
| 54112UF  | 4/0 AWG    | 450/24                              | 3/8                    | 0.93 (23.6)         | 1.03 (26.2) | 0.14 (3.6) | 0.70 (17.8) | 0.38 (9.7)  | 54       |             |
| 54170UF  | 4/0 AWG    | 703/0.0154                          | 1/2                    | 1.25 (31.8)         | 1.03 (26.2) | 0.14 (3.6) | 0.70 (17.8) | 0.50 (12.7) | 54       |             |
| 58161UF  | –          | 4/0 AWG, 4/0 Weld                   | 1/4                    | 0.78 (19.8)         | 1.25 (31.8) | 0.15 (3.8) | 0.79 (20.1) | 0.38 (9.7)  | 62       | Yellow      |
| 58162UF  | –          | 550/24                              | 5/16                   | 0.88 (22.4)         | 1.25 (31.8) | 0.15 (3.8) | 0.79 (20.1) | 0.38 (9.7)  | 62       |             |
| 58163UF  | –          | 133/0.0399                          | 3/8                    | 0.93 (23.6)         | 1.25 (31.8) | 0.15 (3.8) | 0.79 (20.1) | 0.38 (9.7)  | 62       |             |
| 58165UF  | –          | 259/0.0286                          | 1/2                    | 1.25 (31.8)         | 1.25 (31.8) | 0.15 (3.8) | 0.79 (20.1) | 0.50 (12.7) | 62       |             |
| 58166UF  | –          | 637/0.0183                          | 5/8                    | 1.58 (40.1)         | 1.25 (31.8) | 0.15 (3.8) | 0.79 (20.1) | 0.63 (16.0) | 62       |             |
| 54172UF  | 250 kcmil  | 4/0 AWG                             | 1/4                    | 0.65 (16.5)         | 1.13 (28.7) | 0.14 (3.6) | 0.77 (19.6) | 0.25 (6.4)  | 62       | White       |
| 54173UF  | 250 kcmil  | 250 Navy                            | 5/16                   | 0.88 (22.4)         | 1.13 (28.7) | 0.14 (3.6) | 0.77 (19.6) | 0.38 (9.7)  | 62       |             |
| 54174UF  | 250 kcmil  | 550/24                              | 3/8                    | 0.93 (23.6)         | 1.13 (28.7) | 0.14 (3.6) | 0.77 (19.6) | 0.38 (9.7)  | 62       |             |
| 54113UF  | 250 kcmil  |                                     | 1/2                    | 1.25 (31.8)         | 1.13 (28.7) | 0.14 (3.6) | 0.77 (19.6) | 0.50 (12.7) | 62       |             |
| 58168UF  | –          | 250 Weld, 650/24                    | 1/2                    | 1.25 (31.8)         | 1.25 (31.8) | 0.15 (3.8) | 0.85 (21.6) | 0.50 (12.7) | 66       | White       |
|          |            | 259/0.0311, 703/0.0189              |                        |                     |             |            |             |             |          |             |
| 54178UF  | 300 kcmil  | 250 kcmil                           | 5/16                   | 0.88 (22.4)         | 1.25 (31.8) | 0.15 (3.8) | 0.85 (21.6) | 0.38 (9.7)  | 66       |             |
| 54179UF  | 300 kcmil  | 300 Navy                            | 3/8                    | 0.93 (23.6)         | 1.25 (31.8) | 0.15 (3.8) | 0.85 (21.6) | 0.38 (9.7)  | 66       |             |
| 54114UF  | 300 kcmil  | 650/24                              | 1/2                    | 1.25 (31.8)         | 1.25 (31.8) | 0.15 (3.8) | 0.85 (21.6) | 0.50 (12.7) | 66       |             |
| 54181UF  | 300 kcmil  |                                     | 5/8                    | 1.58 (40.1)         | 1.25 (31.8) | 0.15 (3.8) | 0.85 (21.6) | 0.63 (16.0) | 66       |             |

Diagram



\* Not CSA approved.

\* For installations from 16 kV up to 35 kV, consult shielded cable manufacturers for stress relief and insulation requirements. Call your regional sales office for sizes not listed. For tool and die selection charts, see the Tools, Dies and Kits catalogue.

## Compression connectors for copper conductors



**Material** – High-conductivity wrought copper

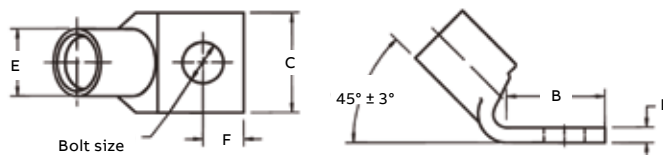
**Finish** – Electro tin plated



One-hole lugs – 45° Standard barrel certified to 600 V and recommended up to 35 kV\* (continued)

| Cat no.          | Code cable  | Wire size                                                                        | Dimensions in. (mm) |             |             |            |             |             |     | Die code | Colour code |
|------------------|-------------|----------------------------------------------------------------------------------|---------------------|-------------|-------------|------------|-------------|-------------|-----|----------|-------------|
|                  |             | Flex cable classes<br>G, H, I, K, M                                              | Bolt size           | B           | C           | D          | E           | F           |     |          |             |
| 58171UF          | –           | 300 kcmil, 300 Weld<br>259/0.034, 427/0.0265<br>889/0.0183<br>775/24 = 313 kcmil | ½                   | 1.25 (31.8) | 1.36 (34.5) | 0.18 (4.6) | 0.93 (23.6) | 0.50 (12.7) | 71  | Red      |             |
| 256-30695-112UF  | 350 kcmil   | 650/24                                                                           | ⅜                   | 1.25 (31.8) | 1.36 (34.5) | 0.18 (4.6) | 0.93 (23.6) | 0.50 (12.7) | 71  |          |             |
| 54115UF          | 350 kcmil   | 350 Navy<br>262 kcmil                                                            | ½                   | 1.25 (31.8) | 1.36 (34.5) | 0.18 (4.6) | 0.93 (23.6) | 0.50 (12.7) | 71  |          |             |
| 54183UF          | 350 kcmil   |                                                                                  | ⅝                   | 1.58 (40.1) | 1.36 (34.5) | 0.18 (4.6) | 0.93 (23.6) | 0.63 (16.0) | 71  |          |             |
| 58174UF          | –           | 350 Weld<br>259/0.0368, 427/0.0285<br>703/0.0224, 889/0.0201                     | ½                   | 1.25 (31.8) | 1.61 (40.9) | 0.22 (5.6) | 1.09 (27.7) | 0.50 (12.7) | 76  | Blue     |             |
| 54116UF          | 400 kcmil   | 300 kcmil, 400 Navy<br>775/24, 313 kcmil                                         | ½                   | 1.25 (31.8) | 1.41 (35.8) | 0.17 (4.3) | 0.96 (24.4) | 0.50 (12.7) | 76  |          |             |
| 54185UF          | 400 kcmil   |                                                                                  | ⅝                   | 1.58 (40.1) | 1.41 (35.8) | 0.17 (4.3) | 0.96 (24.4) | 0.63 (16.0) | 76  |          |             |
| 256-30695-1403UF | –           | 350 kcmil, 400 Weld<br>925/24 = 373 kcmil                                        | ⅜                   | 1.31 (28.7) | 1.61 (40.9) | 0.22 (5.6) | 1.04 (26.4) | 0.63 (16.0) | 80  |          | –           |
| 58177UF          | –           |                                                                                  | ½                   | 1.25 (31.8) | 1.61 (40.9) | 0.22 (5.6) | 1.04 (26.4) | 0.50 (12.7) | 80  |          |             |
| 54118UF          | 500 kcmil   | 925/24                                                                           | ½                   | 1.25 (31.8) | 1.61 (40.9) | 0.22 (5.6) | 1.10 (27.9) | 0.50 (12.7) | 87  | Brown    |             |
| 58187UF          | 500 kcmil   | 500 Navy<br>400 kcmil                                                            | ⅝                   | 1.58 (40.1) | 1.61 (40.9) | 0.22 (5.6) | 1.10 (27.9) | 0.63 (16.0) | 87  |          |             |
| 58180UF          | –           | 1,100/24 = 444 kcmil<br>500 Weld, 259/0.0417<br>427/0.0325, 703/0.0253           | ⅝                   | 1.58 (40.1) | 1.75 (44.5) | 0.24 (6.1) | 1.20 (30.5) | 0.50 (12.7) | 94  | Green    |             |
| 58120UF          | 600 kcmil   | 1,110/24 = 444 kcmil                                                             | ⅝                   | 1.58 (40.1) | 1.75 (44.5) | 0.24 (6.1) | 1.20 (30.5) | 0.50 (12.7) | 94  |          |             |
| 54122UF          | 700 kcmil   | 1325/24 = 500 kcmil                                                              | ⅝                   | 1.58 (40.1) | 1.84 (46.7) | 0.23 (5.8) | 1.26 (32.0) | 0.50 (12.7) | 99  | Pink     |             |
| 256-30695-840UF  | –           | 1,325/24 = 535 kcmil<br>427/0.0342                                               | ½                   | 1.69 (42.9) | 1.81 (46.0) | 0.28 (7.1) | 1.25 (31.8) | 0.81 (20.6) | 99  |          |             |
| 58182UF          | –           |                                                                                  | ⅝                   | 1.58 (40.1) | 1.81 (46.0) | 0.28 (7.1) | 1.25 (31.8) | 0.63 (16.0) | 99  |          |             |
| 54123UF          | 750 kcmil   | 1,325/24 = 535 kcmil                                                             | ⅝                   | 1.58 (40.1) | 1.94 (49.3) | 0.27 (6.9) | 1.33 (33.8) | 0.63 (16.0) | 106 | Black    |             |
| 58184UF          | –           | 1,600/24 = 646 kcmil                                                             | ⅝                   | 1.58 (40.1) | 1.94 (49.3) | 0.27 (6.9) | 1.33 (33.8) | 0.63 (16.0) | 106 |          |             |
| 54124UF          | 800 kcmil   | 800 Navy                                                                         | ⅝                   | 1.58 (40.1) | 2.01 (51.1) | 0.27 (6.9) | 1.38 (35.1) | 0.63 (16.0) | 107 | Orange   |             |
| 54126UF          | 900 kcmil   | 1,925/24 = 777 kcmil                                                             | ⅝                   | 1.58 (40.1) | 2.17 (55.1) | 0.31 (7.9) | 1.50 (38.1) | 0.63 (16.0) | 115 | Yellow   |             |
| 54128UF          | 1,000 kcmil | 1,000 Navy                                                                       | ⅝                   | 1.58 (40.1) | 2.27 (57.7) | 0.30 (7.6) | 1.55 (39.4) | 0.63 (16.0) | 125 |          |             |

Diagram



\* For installations from 16 kV up to 35 kV, consult shielded cable manufacturers for stress relief and insulation requirements. Call your regional sales office for sizes not listed. For tool and die selection charts, see the Tools, Dies and Kits catalogue.

## Compression connectors for copper conductors



**Material** – High-conductivity wrought copper

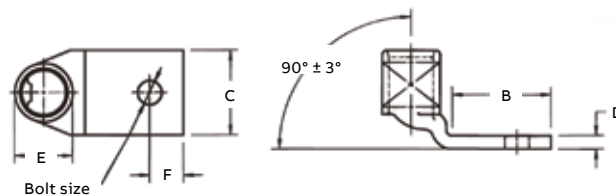
**Finish** – Electro tin plated



One-hole lugs – 90° Standard barrel certified to 600 V and recommended up to 35 kV\*

| Cat no.         | Code cable | Wire size                           |           | Dimensions in. (mm) |             |            |             |             | Die code | Colour code |
|-----------------|------------|-------------------------------------|-----------|---------------------|-------------|------------|-------------|-------------|----------|-------------|
|                 |            | Flex cable classes<br>G, H, I, K, M | Bolt size | B                   | C           | D          | E           | F           |          |             |
| 54104UB         | #8 AWG     | #8 Str.                             | #10       | 0.50 (12.7)         | 0.39 (9.9)  | 0.08 (2.0) | 0.25 (6.4)  | 0.22 (5.6)  | 21       | Red         |
| 54130UB         | #8 AWG     | 23 Navy                             | ¼         | 0.61 (15.5)         | 0.45 (11.4) | 0.07 (1.8) | 0.25 (6.4)  | 0.25 (6.4)  | 21       |             |
| 54131UB         | #8 AWG     | #8 Weld                             | ⅝         | 0.64 (16.3)         | 0.56 (14.2) | 0.05 (1.3) | 0.25 (6.4)  | 0.28 (7.1)  | 21       |             |
| 54132UB         | #8 AWG     | 37/24                               | ⅝         | 0.64 (16.3)         | 0.56 (14.2) | 0.05 (1.3) | 0.25 (6.4)  | 0.28 (7.1)  | 21       |             |
| 54134UB         | #6 AWG     | #6 AWG, 30 Navy                     | #10       | 0.53 (13.5)         | 0.44 (11.2) | 0.07 (1.8) | 0.31 (7.9)  | 0.22 (5.6)  | 24       | Blue        |
| 54105UB         | #6 AWG     | #6 Weld                             | ¼         | 0.53 (13.5)         | 0.44 (11.2) | 0.07 (1.8) | 0.31 (7.9)  | 0.22 (5.6)  | 24       |             |
| 54135UB         | #6 AWG     | 61/24                               | ⅝         | 0.67 (17.0)         | 0.60 (15.2) | 0.07 (1.8) | 0.31 (7.9)  | 0.31 (7.8)  | 24       |             |
| 54136UB         | #6 AWG     | 133/0.014                           | ⅝         | 0.67 (17.0)         | 0.60 (15.2) | 0.07 (1.8) | 0.31 (7.9)  | 0.31 (7.8)  | 24       |             |
| 54138UB         | #4 AWG     | #5 AWG,                             | #10       | 0.60 (15.2)         | 0.55 (14.0) | 0.09 (2.3) | 0.37 (9.4)  | 0.25 (6.4)  | 29       | Grey        |
| 54106UB         | #4 AWG     | 40/50 Navy                          | ¼         | 0.60 (15.2)         | 0.55 (14.0) | 0.09 (2.3) | 0.37 (9.4)  | 0.25 (6.4)  | 29       |             |
| 54139UB         | #4 AWG     | 91/24                               | ⅝         | 0.66 (16.8)         | 0.61 (15.5) | 0.07 (1.8) | 0.37 (9.4)  | 0.31 (7.8)  | 29       |             |
| 54140UB         | #4 AWG     | 133/0.0177                          | ⅝         | 0.66 (16.8)         | 0.61 (15.5) | 0.07 (1.8) | 0.37 (9.4)  | 0.31 (7.8)  | 29       |             |
| 256-30695-264UB | #4 AWG     | 49/0.029                            | ⅝         | 0.66 (16.8)         | 0.61 (15.5) | 0.07 (1.8) | 0.37 (9.4)  | 0.31 (7.8)  | 29       |             |
| 54107UB         | #2 AWG     | #3 AWG                              | ¼         | 0.65 (16.5)         | 0.59 (15.0) | 0.11 (2.8) | 0.41 (10.4) | 0.25 (6.4)  | 33       | Brown       |
| 54142UB         | #2 AWG     | 60 Navy                             | ⅝         | 0.88 (22.4)         | 0.59 (15.0) | 0.11 (2.8) | 0.41 (10.4) | 0.38 (9.7)  | 33       |             |
| 54143UB         | #2 AWG     | 125/24                              | ⅝         | 0.80 (20.3)         | 0.59 (15.0) | 0.11 (2.8) | 0.41 (10.4) | 0.38 (9.7)  | 33       |             |
| 54145UB         | #2 AWG     | #4 Weld                             | ½         | 1.08 (27.4)         | 0.75 (19.1) | 0.08 (2.0) | 0.41 (10.4) | 0.50 (12.7) | 33       |             |
| 54108UB         | #1 AWG     | #2 AWG, 75 Navy, #2                 | ¼         | 0.65 (16.5)         | 0.68 (17.3) | 0.11 (2.8) | 0.47 (11.9) | 0.25 (6.4)  | 37       | Green       |
| 54147UB         | #1 AWG     | Weld                                | ⅝         | 0.93 (23.6)         | 0.68 (17.3) | 0.11 (2.8) | 0.47 (11.9) | 0.38 (9.7)  | 37       |             |
| 54148UB         | #1 AWG     | 150/24                              | ⅝         | 0.98 (24.9)         | 0.68 (17.3) | 0.11 (2.8) | 0.47 (11.9) | 0.38 (9.7)  | 37       |             |
| 54150UB         | #1 AWG     | 175/24                              | ⅝         | 0.98 (24.9)         | 0.68 (17.3) | 0.11 (2.8) | 0.47 (11.9) | 0.38 (9.7)  | 37       |             |
| 54152UB         | 1/0 AWG    | #1 AWG                              | ¼         | 0.65 (16.5)         | 0.75 (19.1) | 0.13 (3.3) | 0.52 (13.2) | 0.25 (6.4)  | 42       | Pink        |
| 54153UB         | 1/0 AWG    | 100 Navy, #1 Weld                   | ⅝         | 0.88 (22.4)         | 0.75 (19.1) | 0.13 (3.3) | 0.52 (13.2) | 0.38 (9.7)  | 42       |             |
| 54109UB         | 1/0 AWG    | 225/24                              | ⅝         | 0.93 (23.6)         | 0.75 (19.1) | 0.13 (3.3) | 0.52 (13.2) | 0.38 (9.7)  | 42       |             |
| 54155UB         | 1/0 AWG    | 133/0.0254                          | ⅝         | 0.93 (23.6)         | 0.75 (19.1) | 0.13 (3.3) | 0.52 (13.2) | 0.38 (9.7)  | 42       |             |
| 54157UB         | 2/0 AWG    | 0.389                               | ½         | 1.25 (31.8)         | 0.75 (19.1) | 0.13 (3.3) | 0.52 (13.2) | 0.50 (12.7) | 42       | Black       |
| 54157UB         | 2/0 AWG    | 1/0 AWG, 125 Navy                   | ¼         | 0.65 (16.5)         | 0.83 (21.1) | 0.13 (3.3) | 0.57 (14.5) | 0.25 (6.4)  | 45       |             |
| 54158UB         | 2/0 AWG    | 1/0 Weld                            | ⅝         | 0.88 (22.4)         | 0.83 (21.1) | 0.13 (3.3) | 0.57 (14.5) | 0.38 (9.7)  | 45       |             |
| 54110UB         | 2/0 AWG    | 275/24                              | ⅝         | 0.93 (23.6)         | 0.83 (21.1) | 0.13 (3.3) | 0.57 (14.5) | 0.38 (9.7)  | 45       |             |
| 54160UB         | 2/0 AWG    | 427/0.0155,                         | ½         | 1.25 (31.8)         | 0.83 (21.1) | 0.13 (3.3) | 0.57 (14.5) | 0.50 (12.7) | 45       |             |
| 54162UB         | 3/0 AWG    | 133/0.0282                          | ½         | 1.25 (31.8)         | 0.83 (21.1) | 0.13 (3.3) | 0.57 (14.5) | 0.50 (12.7) | 45       | Orange      |
| 54162UB         | 3/0 AWG    | 2/0 AWG, 150 Navy,                  | ¼         | 0.65 (16.5)         | 0.92 (23.4) | 0.13 (3.3) | 0.63 (16.0) | 0.25 (6.4)  | 50       |             |
| 54163UB         | 3/0 AWG    | 2/0 Weld                            | ⅝         | 0.88 (22.4)         | 0.92 (23.4) | 0.13 (3.3) | 0.63 (16.0) | 0.38 (9.7)  | 50       |             |
| 54111UB         | 3/0 AWG    | 325/24                              | ⅝         | 0.88 (22.4)         | 0.92 (23.4) | 0.13 (3.3) | 0.63 (16.0) | 0.38 (9.7)  | 50       |             |
| 54165UB         | 3/0 AWG    | 133/0.0316,                         | ⅝         | 0.93 (23.6)         | 0.92 (23.4) | 0.13 (3.3) | 0.63 (16.0) | 0.38 (9.7)  | 50       | Orange      |
| 54165UB         | 3/0 AWG    | 259/0.0227                          | ⅝         | 0.93 (23.6)         | 0.92 (23.4) | 0.13 (3.3) | 0.63 (16.0) | 0.38 (9.7)  | 50       |             |
| 54165UB         | 3/0 AWG    | 427/0.0177                          | ½         | 1.25 (31.8)         | 0.92 (23.4) | 0.13 (3.3) | 0.63 (16.0) | 0.50 (12.7) | 50       | Orange      |

Diagram



\* For installations from 16 kV up to 35 kV, consult shielded cable manufacturers for stress relief and insulation requirements. Call your regional sales office for sizes not listed. For tool and die selection charts, see the Tools, Dies and Kits catalogue.

## Compression connectors for copper conductors



**Material** – High-conductivity wrought copper

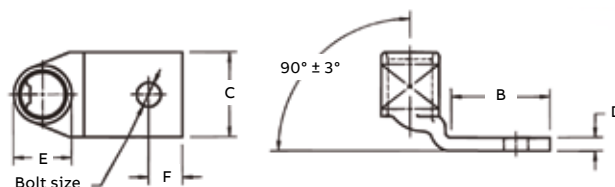
**Finish** – Electro tin plated



One-hole lugs – 90° Standard barrel certified to 600 V and recommended up to 35 kV\* (continued)

| Cat no.         | Code cable | Wire size                        |           | Dimensions in. (mm) |             |            |             |             | Die code | Colour code |
|-----------------|------------|----------------------------------|-----------|---------------------|-------------|------------|-------------|-------------|----------|-------------|
|                 |            | Flex cable classes G, H, I, K, M | Bolt size | B                   | C           | D          | E           | F           |          |             |
| 54167UB         | –          | 3/0 AWG, 200 Navy,               | ¼         | 0.65 (16.5)         | 1.03 (26.2) | 0.14 (3.6) | 0.70 (17.8) | 0.34 (8.6)  | 54       | Purple      |
| 54168UB         | –          | 3/0 Weld                         | ⅝         | 0.87 (22.1)         | 1.03 (26.2) | 0.14 (3.6) | 0.70 (17.8) | 0.34 (8.6)  | 54       |             |
| 54112UB         | –          | 450/24                           | ¾         | 0.93 (23.6)         | 1.03 (26.2) | 0.14 (3.6) | 0.70 (17.8) | 0.38 (9.7)  | 54       |             |
| 54170UB         | –          | 703/0.0154                       | ½         | 1.25 (31.8)         | 1.03 (26.2) | 0.14 (3.6) | 0.70 (17.8) | 0.50 (12.7) | 54       |             |
| 58161UB         | 4/0 AWG    | 3/0 AWG, 4/0 Weld                | ¼         | 0.78 (19.8)         | 1.25 (31.8) | 0.15 (3.8) | 0.79 (20.1) | 0.38 (9.7)  | 62       | Yellow      |
| 58162UB         | 4/0 AWG    | 550/24                           | ⅝         | 0.88 (22.4)         | 1.25 (31.8) | 0.15 (3.8) | 0.79 (20.1) | 0.38 (9.7)  | 62       |             |
| 58163UB         | 4/0 AWG    | 133/0.0399                       | ¾         | 0.93 (23.6)         | 1.25 (31.8) | 0.15 (3.8) | 0.79 (20.1) | 0.38 (9.7)  | 62       |             |
| 58165UB         | 4/0 AWG    | 259/0.0286                       | ½         | 1.25 (31.8)         | 1.25 (31.8) | 0.15 (3.8) | 0.79 (20.1) | 0.50 (12.7) | 62       |             |
| 58166UB         | 4/0 AWG    | 637/0.0183                       | ⅝         | 1.58 (40.1)         | 1.25 (31.8) | 0.15 (3.8) | 0.79 (20.1) | 0.63 (16.0) | 62       |             |
| 54172UB         | 250 kcmil  | 4/0 AWG                          | ¼         | 0.65 (16.5)         | 1.13 (28.7) | 0.14 (3.6) | 0.77 (19.6) | 0.25 (6.4)  | 62       |             |
| 54173UB         | 250 kcmil  | 250 Navy                         | ⅝         | 0.88 (22.4)         | 1.13 (28.7) | 0.14 (3.6) | 0.77 (19.6) | 0.38 (9.7)  | 62       | Yellow      |
| 54174UB         | 250 kcmil  | 550/24                           | ¾         | 0.93 (23.6)         | 1.13 (28.7) | 0.14 (3.6) | 0.77 (19.6) | 0.38 (9.7)  | 62       |             |
| 54113UB         | 250 kcmil  |                                  | ½         | 1.25 (31.8)         | 1.13 (28.7) | 0.14 (3.6) | 0.77 (19.6) | 0.50 (12.7) | 62       |             |
| 58168UB         | –          | 250 Weld                         | ½         | 1.25 (31.8)         | 1.25 (31.8) | 0.15 (3.8) | 0.85 (21.6) | 0.50 (12.7) | 66       | White       |
|                 |            | 650/24 = 262 kcmil               |           |                     |             |            |             |             |          |             |
|                 |            | 259/0.0311, 703/0.0189           |           |                     |             |            |             |             |          |             |
| 54178UB         | 300 kcmil  | 250 kcmil                        | ⅝         | 0.88 (22.4)         | 1.25 (31.8) | 0.15 (3.8) | 0.85 (21.6) | 0.38 (9.7)  | 66       | White       |
| 54179UB         | 300 kcmil  | 300 Navy                         | ¾         | 0.93 (23.6)         | 1.25 (31.8) | 0.15 (3.8) | 0.85 (21.6) | 0.38 (9.7)  | 66       |             |
| 54114UB         | 300 kcmil  | 650/24                           | ½         | 1.25 (31.8)         | 1.25 (31.8) | 0.15 (3.8) | 0.85 (21.6) | 0.50 (12.7) | 66       |             |
| 54181UB         | 300 kcmil  |                                  | ⅝         | 1.58 (40.1)         | 1.25 (31.8) | 0.15 (3.8) | 0.85 (21.6) | 0.63 (16.0) | 66       |             |
| 58171UB         | –          | 300 Weld, 259/0.034              | ½         | 1.25 (31.8)         | 1.36 (34.5) | 0.18 (4.6) | 0.93 (23.6) | 0.50 (12.7) | 71       | Red         |
|                 |            | 427/0.0265, 889/0.0183           |           |                     |             |            |             |             |          |             |
|                 |            | 775/24 = 313 kcmil               |           |                     |             |            |             |             |          |             |
| 256-30695-112UB | 350 kcmil  | 650/24, 350 Navy                 | ¾         | 1.25 (31.8)         | 1.36 (34.5) | 0.18 (4.6) | 0.93 (23.6) | 0.50 (12.7) | 71       |             |
| 54115UB         | 350 kcmil  | 262 kcmil                        | ½         | 1.25 (31.8)         | 1.36 (34.5) | 0.18 (4.6) | 0.93 (23.6) | 0.50 (12.7) | 71       | Red         |
| 54183UB         | 350 kcmil  |                                  | ⅝         | 1.58 (40.1)         | 1.36 (34.5) | 0.18 (4.6) | 0.93 (23.6) | 0.63 (16.0) | 71       |             |
| 58174UB         | –          | 350 Weld                         | ½         | 1.25 (31.8)         | 1.61 (40.9) | 0.22 (5.6) | 1.09 (27.7) | 0.50 (12.7) | 76       | Blue        |
|                 |            | 259/0.0368, 427/0.0285           |           |                     |             |            |             |             |          |             |
|                 |            | 703/0.0224, 889/0.0201           |           |                     |             |            |             |             |          |             |
| 54116UB         | 400 kcmil  | 300 kcmil, 400 Navy              | ½         | 1.25 (31.8)         | 1.41 (35.8) | 0.17 (4.3) | 0.96 (24.4) | 0.50 (12.7) | 76       | Blue        |
| 54185UB         | 400 kcmil  | 775/24, 313 kcmil                | ⅝         | 1.58 (40.1)         | 1.41 (35.8) | 0.17 (4.3) | 0.96 (24.4) | 0.63 (16.0) | 76       |             |

Diagram



\* For installations from 16 kV up to 35 kV, consult shielded cable manufacturers for stress relief and insulation requirements. Call your regional sales office for sizes not listed. For tool and die selection charts, see the Tools, Dies and Kits catalogue.

## Compression connectors for copper conductors



**Material** – High-conductivity wrought copper

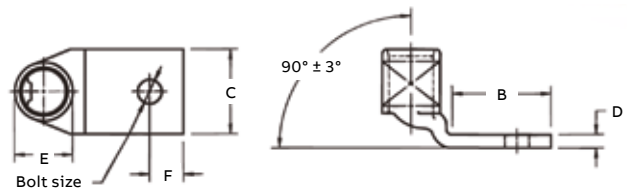
**Finish** – Electro tin plated



One-hole lugs – 90° Standard barrel certified to 600 V and recommended up to 35 kV\* (continued)

| Cat no.          | Code cable  | Wire size                                                              |           | Dimensions in. (mm) |             |            |             |             |     | Die code | Colour code |
|------------------|-------------|------------------------------------------------------------------------|-----------|---------------------|-------------|------------|-------------|-------------|-----|----------|-------------|
|                  |             | Flex cable classes<br>G, H, I, K, M                                    | Bolt size | B                   | C           | D          | E           | F           |     |          |             |
| 256-30695-1403UB | –           | 400 Weld                                                               | 3/8       | 1.31 (33.3)         | 1.61 (40.9) | 0.22 (5.6) | 1.04 (26.4) | 0.63 (16.0) | 80  | –        |             |
|                  |             | 925/24 = 373 kcmil                                                     |           |                     |             |            |             |             |     |          |             |
| 58177UB          | –           | 259/0.0393, 427/0.0306                                                 | 1/2       | 1.25 (31.8)         | 1.61 (40.9) | 0.22 (5.6) | 1.04 (26.4) | 0.50 (12.7) | 80  |          |             |
| 54118UB          | 500 kcmil   | 400 kcmil, 500 Navy                                                    | 1/2       | 1.25 (31.8)         | 1.61 (40.9) | 0.22 (5.6) | 1.10 (27.9) | 0.50 (12.7) | 87  |          | Brown       |
| 54187UB          | 500 kcmil   | 925/24                                                                 | 5/8       | 1.58 (40.1)         | 1.61 (40.9) | 0.22 (5.6) | 1.10 (27.9) | 0.63 (16.0) | 87  |          |             |
| 58180UB          | –           | 1,100/24 = 444 kcmil<br>500 Weld, 259/0.0417<br>427/0.0325, 703/0.0253 | 5/8       | 1.58 (40.1)         | 1.75 (44.5) | 0.24 (6.1) | 1.20 (30.5) | 0.50 (12.7) | 94  |          | Green       |
| 54120UB          | 600 kcmil   | 1100/24 = 444 kcmil                                                    | 5/8       | 1.58 (40.1)         | 1.75 (44.5) | 0.24 (6.1) | 1.20 (30.5) | 0.50 (12.7) | 94  |          |             |
| 54122UB          | 700 kcmil   | 1,325/24, 535 kcmil<br>500 AWG, 550/535                                | 5/8       | 1.58 (40.1)         | 1.84 (46.7) | 0.23 (5.8) | 1.26 (32.0) | 0.50 (12.7) | 99  |          | Pink        |
| 256-30695-840UB  | –           | 1,325/24 = 535 kcmil                                                   | 1/2       | 1.69 (42.9)         | 1.81 (46.0) | 0.28 (7.1) | 1.25 (31.8) | 0.63 (16.0) | 99  |          |             |
| 58182UB          | –           | 427/0.0342                                                             | 5/8       | 1.58 (40.1)         | 1.81 (46.0) | 0.28 (7.1) | 1.25 (31.8) | 0.63 (16.0) | 99  |          | Black       |
| 54123UB          | 750 kcmil   | –                                                                      | 5/8       | 1.58 (40.1)         | 1.94 (49.3) | 0.27 (6.9) | 1.33 (33.8) | 0.63 (16.0) | 106 |          |             |
| 58184UB          | –           | 1,600/24 = 646 kcmil                                                   | 5/8       | 1.58 (40.1)         | 1.94 (49.3) | 0.27 (6.9) | 1.33 (33.8) | 0.63 (16.0) | 106 |          | Orange      |
| 54124UB          | 800 kcmil   | 800 Navy                                                               | 5/8       | 1.58 (40.1)         | 2.01 (51.1) | 0.27 (6.9) | 1.38 (35.1) | 0.63 (16.0) | 107 |          |             |
| 54126UB          | 900 kcmil   | 1,925/24 = 777 kcmil                                                   | 5/8       | 1.58 (40.1)         | 2.17 (55.1) | 0.31 (7.9) | 1.50 (38.1) | 0.63 (16.0) | 115 |          | Yellow      |
| 54128UB          | 1,000 kcmil | 1,000 Navy                                                             | 5/8       | 1.58 (40.1)         | 2.27 (57.7) | 0.30 (7.6) | 1.55 (39.4) | 0.63 (16.0) | 125 | –        |             |

Diagram



\* For installations from 16 kV up to 35 kV, consult shielded cable manufacturers for stress relief and insulation requirements. Call your regional sales office for sizes not listed.  
For tool and die selection charts, see the Tools, Dies and Kits catalogue.

## Compression connectors for copper conductors



**Material** – High-conductivity wrought copper

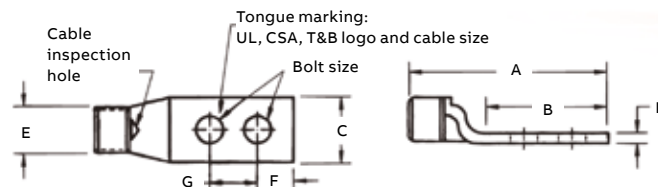
**Finish** – Electro tin plated



Two-hole lugs – Standard barrel certified to 600 V and recommended up to 35 kV\*

| Cat no.        | Code cable | Wire size          |               | Bolt size | Dimensions in. (mm) |             |              |            |             |            |                           | Die code | Colour code |
|----------------|------------|--------------------|---------------|-----------|---------------------|-------------|--------------|------------|-------------|------------|---------------------------|----------|-------------|
|                |            | Flex cable classes | G, H, I, K, M |           | A                   | B           | C            | D          | E           | F          | G                         |          |             |
| 54201          | #14–10 AWG |                    | –             | ¼         | 1.86 (47.2)         | 1.19 (30.2) | 0.50 (12.7)  | 0.05 (1.3) | 0.20 (5.1)  | 0.25 (6.4) | 0.63 (16.0)               | ERG2002  | Yellow      |
| 256-30695-1302 | #14–10 AWG |                    |               | ¾         | 2.48 (63.0)         | 1.81 (46.0) | 0.56 (14.2)  | 0.04 (1.0) | 0.22 (5.6)  | 0.38 (9.7) | 1.00 (25.4)               | ERG2002  |             |
| 54204          | #8 AWG     | #8 AWG,            | 23 Navy       | #10       | 1.88 (47.8)         | 1.18 (30.0) | 0.42 (10.7)  | 0.08 (2.0) | 0.26 (6.6)  | 0.25 (6.4) | 0.63 (16.0)               | 21       | Red         |
| 256-31426-33*  | #8 AWG     | #8 Weld            | 37/24         | #10       | 1.88 (47.8)         | 1.18 (30.0) | 0.41 (10.4)  | 0.06 (1.5) | 0.26 (6.6)  | 0.23 (5.8) | 0.75 (19.0)               | 21       |             |
| 256-31426-33PH | #8 AWG     |                    |               | #10       | 1.88 (47.8)         | 1.18 (30.0) | 0.41 (10.4)  | 0.06 (1.5) | 0.26 (6.6)  | 0.23 (5.8) | 0.75 (19.0)               | 21       |             |
| 542040410      | #8 AWG     |                    |               | ¼         | 2.01 (51.1)         | 1.31 (33.3) | 0.42 (10.7)  | 0.08 (2.0) | 0.26 (6.6)  | 0.25 (6.4) | 0.63 (16.0)               | 21       |             |
| 542040416      | #8 AWG     |                    |               | ¼         | 2.38 (60.5)         | 1.68 (42.7) | 0.42 (10.7)  | 0.08 (2.0) | 0.26 (6.6)  | 0.25 (6.4) | 1.00 (25.4)               | 21       |             |
| 256-30695-1094 | #8 AWG     |                    |               | ¼         | 2.50 (63.5)         | 1.81 (46.0) | 0.56 (14.22) | 0.05 (1.3) | 0.26 (6.6)  | 0.25 (6.4) | 0.75 (19.0)               | 21       |             |
| 256-30695-251  | #8 AWG     |                    |               | ¾         | 2.50 (63.5)         | 1.81 (46.0) | 0.56 (14.22) | 0.05 (1.3) | 0.26 (6.6)  | 0.38 (9.7) | 1.00 (25.4)               | 21       |             |
| 256-30695-1070 | #6 AWG     | #6 AWG,            | 30 Navy       | #12       | 1.81 (46.0)         | 1.19 (30.2) | 0.44 (11.2)  | 0.11 (2.8) | 0.30 (7.6)  | 0.25 (6.4) | 0.50 – 0.63 (12.7 – 16.0) | 24       | Blue        |
| 256-30695-1153 | #6 AWG     | #6 Weld            | 61/24         | #10       | 1.98 (50.3)         | 1.28 (32.5) | 0.44 (11.2)  | 0.08 (2.0) | 0.30 (7.6)  | 0.25 (6.4) | 0.50 (12.7)               | 24       |             |
| 256-30695-1183 | #6 AWG     |                    | 133/0.014     | #10       | 1.98 (50.3)         | 1.19 (30.2) | 0.44 (11.2)  | 0.08 (2.0) | 0.30 (7.6)  | 0.22 (5.6) | 0.63 – 0.75 (16.0 – 19.0) | 24       |             |
| 54205          | #6 AWG     |                    |               | ¼         | 1.98 (50.3)         | 1.28 (32.5) | 0.44 (11.2)  | 0.08 (2.0) | 0.30 (7.6)  | 0.25 (6.4) | 0.63 (16.0)               | 24       |             |
| 256-30695-1095 | #6 AWG     |                    |               | ¼         | 2.13 (54.1)         | 1.31 (33.3) | 0.43 (10.9)  | 0.08 (2.0) | 0.30 (7.6)  | 0.25 (6.4) | 0.75 (19.0)               | 24       |             |
| 256-30695-252  | #6 AWG     |                    |               | ¼         | 2.38 (60.5)         | 1.63 (41.4) | 0.43 (10.9)  | 0.08 (2.0) | 0.30 (7.6)  | 0.25 (6.4) | 1.00 (25.4)               | 24       |             |
| 256-30695-372  | #6 AWG     |                    |               | ¼         | 2.13 (54.1)         | 1.43 (36.3) | 0.43 (10.9)  | 0.08 (2.0) | 0.30 (7.6)  | 0.25 (6.4) | 0.75 (19.0)               | 24       |             |
| 256-30695-913  | #6 AWG     |                    |               | ¼         | 2.38 (60.5)         | 1.75 (44.5) | 0.43 (10.9)  | 0.08 (2.0) | 0.30 (7.6)  | 0.25 (6.4) | 1.00 (25.4)               | 24       |             |
| 256-30695-253  | #6 AWG     |                    |               | ¾         | 2.58 (65.3)         | 1.81 (45.9) | 0.55 (14.0)  | 0.08 (2.0) | 0.30 (7.6)  | 0.38 (9.7) | 1.00 (25.4)               | 24       |             |
| 54206          | #4 AWG     | #5 AWG             | 40–50 Navy    | ¼         | 2.03 (51.6)         | 1.28 (32.5) | 0.52 (13.2)  | 0.10 (2.5) | 0.37 (9.4)  | 0.25 (6.4) | 0.63 (16.0)               | 29       | Grey        |
| 256-30695-1184 | #4 AWG     |                    | 91/24         | 5/16      | 2.31 (58.7)         | 1.63 (41.4) | 0.52 (13.2)  | 0.10 (2.5) | 0.37 (9.4)  | 0.31 (7.9) | 1.00 (25.4)               | 29       |             |
| 256-30695-255  | #4 AWG     |                    | 133/0.0177    | ¾         | 2.56 (65.0)         | 1.81 (45.9) | 0.59 (15.0)  | 0.09 (2.3) | 0.37 (9.4)  | 0.38 (9.7) | 1.00 (25.4)               | 29       |             |
| 54207          | #2 AWG     | #3 AWG             | 60 Navy       | ¼         | 2.13 (54.1)         | 1.28 (32.5) | 0.59 (15.0)  | 0.11 (2.8) | 0.41 (10.4) | 0.25 (6.4) | 0.63 (16.0)               | 33       | Brown       |
| 256-30695-1355 | #2 AWG     |                    | 125/24,       | ¼         | 2.15 (54.6)         | 1.31 (33.3) | 0.59 (15.0)  | 0.13 (3.3) | 0.41 (10.4) | 0.25 (6.4) | 0.75 (19.0)               | 33       |             |
| 256-30695-1185 | #2 AWG     | #4 Weld            |               | ¼         | 2.38 (60.5)         | 1.53 (38.9) | 0.59 (15.0)  | 0.11 (2.8) | 0.41 (10.4) | 0.25 (6.4) | 1.00 (25.4)               | 33       |             |
| 256-30695-257  | #2 AWG     |                    |               | ¾         | 2.67 (67.8)         | 1.81 (45.9) | 0.60 (15.2)  | 0.10 (2.5) | 0.41 (10.4) | 0.38 (9.7) | 1.00 (25.4)               | 33       |             |
| 256-30695-1049 | #2 AWG     |                    |               | ½         | 3.75 (95.3)         | 2.88 (73.2) | 0.75 (19.1)  | 0.09 (2.3) | 0.41 (10.4) | 0.31 (7.9) | 1.75 (44.5)               | 33       |             |
| 54208          | #1 AWG     | #2 AWG,            | 75 Navy       | ¼         | 2.13 (54.1)         | 1.28 (32.5) | 0.68 (17.3)  | 0.11 (2.8) | 0.47 (11.9) | 0.25 (6.4) | 0.63 (16.0)               | 37       | Green       |
| 256-30695-1233 | #1 AWG     |                    | 150/24        | 5/16      | 2.69 (68.3)         | 1.62 (41.2) | 0.69 (17.5)  | 0.13 (3.3) | 0.47 (11.9) | 0.34 (8.6) | 1.00 (25.4)               | 37       |             |
| 256-30695-1236 | #1 AWG     |                    | 175/24        | ¾         | 2.75 (69.9)         | 1.81 (45.9) | 0.68 (17.3)  | 0.11 (2.8) | 0.47 (11.9) | 0.38 (9.7) | 1.00 (25.4)               | 37       |             |
|                |            |                    | 133/0.0223    |           |                     |             |              |            |             |            |                           |          |             |

Diagram



\* Blind end

\* For installations from 16 kV up to 35 kV, consult shielded cable manufacturers for stress relief and insulation requirements. Call your regional sales office for sizes not listed. For tool and die selection charts, see the Tools, Dies and Kits catalogue.

## Compression connectors for copper conductors



**Material** – High-conductivity wrought copper

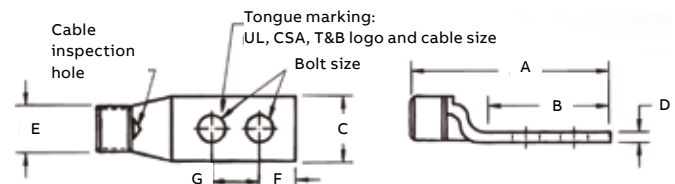
**Finish** – Electro tin plated



Two-hole lugs – Standard barrel certified to 600 V and recommended up to 35 kV\* (continued)

| Cat no.        | Wire size  |                                                                                 |                 | Dimensions in. (mm) |             |             |            |             |             |             |    | Die code | Colour code |
|----------------|------------|---------------------------------------------------------------------------------|-----------------|---------------------|-------------|-------------|------------|-------------|-------------|-------------|----|----------|-------------|
|                | Code cable | Flex cable classes<br>G, H, I, K, M                                             | Bolt size       | A                   | B           | C           | D          | E           | F           | G           |    |          |             |
| 256-30695-329  | 1/0 AWG    | #1 AWG<br>100 Navy,<br>#1 Weld<br>225/24<br>133/0.0254                          | ¼               | 2.75 (69.9)         | 1.81 (45.9) | 0.75 (19.1) | 0.14 (3.6) | 0.52 (13.2) | 0.38 (9.7)  | 0.75 (19.4) | 42 | Pink     |             |
| 54255          | 1/0 AWG    |                                                                                 | ⅝ <sub>16</sub> | 2.56 (65.0)         | 1.56 (39.6) | 0.75 (19.1) | 0.14 (3.6) | 0.52 (13.2) | 0.38 (9.7)  | 0.88 (22.4) | 42 |          |             |
| 256-30695-1234 | 1/0 AWG    |                                                                                 | ⅝ <sub>16</sub> | 2.75 (69.9)         | 1.78 (45.2) | 0.75 (19.1) | 0.14 (3.6) | 0.52 (13.2) | 0.33 (8.4)  | 1.00 (25.4) | 42 |          |             |
| 54209          | 1/0 AWG    |                                                                                 | ¾ <sub>8</sub>  | 2.88 (73.2)         | 1.93 (49.0) | 0.75 (19.1) | 0.13 (3.3) | 0.52 (13.2) | 0.38 (9.7)  | 1.00 (25.4) | 42 |          |             |
| 256-30695-1265 | 1/0 AWG    |                                                                                 | ¾ <sub>8</sub>  | 3.50 (89.0)         | 2.57 (65.3) | 0.75 (19.1) | 0.14 (3.6) | 0.52 (13.2) | 0.38 (9.7)  | 1.75 (44.5) | 42 |          |             |
| 256-30695-886  | 1/0 AWG    |                                                                                 | ½               | 3.78 (96.0)         | 2.83 (71.2) | 0.75 (19.1) | 0.13 (3.3) | 0.52 (13.2) | 0.5 (12.7)  | 1.75 (44.5) | 42 |          |             |
| 256-30695-1175 | 2/0 AWG    | 1/0 AWG,<br>125 Navy<br>1/0 Weld<br>275/24<br>133/0.0282                        | ¼               | 2.45 (6.2)          | 1.44 (36.6) | 0.83 (21.1) | 0.14 (3.6) | 0.57 (14.5) | 0.25 (6.4)  | 0.75 (19.0) | 45 | Black    |             |
| 54261          | 2/0 AWG    |                                                                                 | ⅝ <sub>16</sub> | 2.70 (68.6)         | 1.63 (41.4) | 0.83 (21.1) | 0.14 (3.6) | 0.57 (14.5) | 0.33 (8.4)  | 0.88 (22.4) | 45 |          |             |
| 256-30695-832  | 2/0 AWG    |                                                                                 | ⅝ <sub>16</sub> | 2.88 (73.2)         | 1.81 (45.9) | 0.81 (20.6) | 0.14 (3.6) | 0.57 (14.5) | 0.38 (9.7)  | 1.00 (25.4) | 45 |          |             |
| 54210          | 2/0 AWG    |                                                                                 | ¾ <sub>8</sub>  | 2.93 (74.4)         | 1.93 (49.0) | 0.83 (21.1) | 0.13 (3.3) | 0.57 (14.5) | 0.38 (9.7)  | 1.00 (25.4) | 45 |          |             |
| 54260          | 2/0 AWG    |                                                                                 | ½               | 3.83 (97.3)         | 2.81 (71.4) | 0.83 (21.1) | 0.14 (3.6) | 0.57 (14.5) | 0.38 (9.7)  | 1.75 (44.5) | 45 |          |             |
| 54266          | 3/0 AWG    | 150 Navy, 2/0 Weld<br>2/0 AWG, 325/24<br>133/0.0316<br>259/0.0227<br>427/0.0177 | ⅝ <sub>16</sub> | 2.88 (73.2)         | 1.75 (44.5) | 0.94 (23.9) | 0.14 (3.6) | 0.63 (16.0) | 0.33 (8.4)  | 1.00 (25.4) | 50 | Orange   |             |
| 54211          | 3/0 AWG    |                                                                                 | ¾ <sub>8</sub>  | 2.94 (74.7)         | 1.81 (46.0) | 0.94 (23.9) | 0.14 (3.6) | 0.63 (16.0) | 0.38 (9.7)  | 1.00 (25.4) | 50 |          |             |
| 54265          | 3/0 AWG    |                                                                                 | ½               | 3.94 (100.1)        | 2.81 (71.4) | 0.94 (23.9) | 0.14 (3.6) | 0.63 (16.0) | 0.50 (12.7) | 1.75 (44.5) | 50 |          |             |
| 54212          | 4/0 AWG    | 3/0 AWG, 200 Navy<br>3/0 Weld<br>450/24 = 182 kcmil<br>703/0.0154               | ¾ <sub>8</sub>  | 3.18 (80.8)         | 1.93 (49.0) | 1.03 (26.2) | 0.14 (3.6) | 0.70 (17.8) | 0.38 (9.7)  | 1.00 (25.4) | 54 | Purple   |             |
| 54270          | 4/0 AWG    |                                                                                 | ½               | 4.25 (108.0)        | 3.00 (76.2) | 1.03 (26.2) | 0.14 (3.6) | 0.70 (17.8) | 0.50 (12.7) | 1.75 (44.5) | 54 |          |             |
| 256-30695-1247 | 4/0 AWG    |                                                                                 | ¼               | 3.06 (77.7)         | 1.44 (36.6) | 1.03 (26.2) | 0.16 (4.1) | 0.70 (17.8) | 0.38 (9.7)  | 0.63 (16.0) | 54 |          |             |
| 256-30695-331  | 4/0 AWG    |                                                                                 | ¼               | 3.06 (77.7)         | 1.81 (46.0) | 1.03 (26.2) | 0.14 (3.6) | 0.70 (17.8) | 0.38 (9.7)  | 0.75 (19.1) | 54 |          |             |
| 256-30695-1261 | 4/0 AWG    |                                                                                 | ⅝ <sub>16</sub> | 3.18 (80.8)         | 1.93 (49.0) | 1.03 (26.2) | 0.14 (3.6) | 0.70 (17.8) | 0.38 (9.7)  | 1.00 (25.4) | 54 |          |             |
| 54213          | 250 kcmil  | 4/0 AWG<br>250 Navy                                                             | ¾ <sub>8</sub>  | 3.28 (83.3)         | 1.93 (49.0) | 1.13 (28.7) | 0.14 (3.6) | 0.77 (19.6) | 0.38 (9.7)  | 1.00 (25.4) | 62 | Yellow   |             |
| 54275          | 250 kcmil  |                                                                                 | ½               | 4.19 (106.4)        | 2.81 (71.4) | 1.13 (28.7) | 0.18 (4.6) | 0.77 (19.6) | 0.50 (12.7) | 1.75 (44.5) | 62 |          |             |
| 256-30695-345  | –          | 4/0 AWG, 4/0 Weld                                                               | ¾ <sub>8</sub>  | 3.25 (82.6)         | 1.69 (42.9) | 1.25 (31.8) | 0.15 (3.8) | 0.79 (20.1) | 0.38 (9.7)  | 0.88 (22.4) | 62 |          |             |
| 256-30695-835  | –          | 550/24 = 222 kcmil                                                              | ¾ <sub>8</sub>  | 4.25 (108.0)        | 2.80 (71.1) | 1.25 (31.8) | 0.15 (3.8) | 0.79 (20.1) | 0.38 (9.7)  | 1.00 (25.4) | 62 |          |             |
| 256-30695-452  | –          | 133/0.0399                                                                      | ¾ <sub>8</sub>  | 3.13 (79.5)         | 1.88 (47.8) | 1.25 (31.8) | 0.16 (4.1) | 0.79 (20.1) | 0.38 (9.7)  | 0.88 (22.4) | 62 |          |             |
| 58265          | –          | 259/0.0286                                                                      | ¾ <sub>8</sub>  | 3.13 (79.5)         | 1.88 (47.8) | 1.25 (31.8) | 0.16 (4.1) | 0.79 (20.1) | 0.38 (9.7)  | 0.88 (22.4) | 62 |          |             |
|                | –          | 637/0.018                                                                       | ½               | 3.94 (100.1)        | 2.81 (71.4) | 0.94 (23.9) | 0.14 (3.6) | 0.79 (20.1) | 0.50 (12.7) | 1.75 (44.5) | 62 |          |             |
| 54214          | 300 kcmil  | 250 AWG, 300 Navy<br>650/24 = 262 kcmil                                         | ¾ <sub>8</sub>  | 3.45 (87.6)         | 1.93 (49.0) | 1.25 (31.8) | 0.15 (3.8) | 0.85 (21.6) | 0.38 (9.7)  | 1.00 (25.4) | 66 | White    |             |
| 54280          | 300 kcmil  |                                                                                 | ½               | 4.45 (113.0)        | 3.00 (76.2) | 1.25 (31.8) | 0.15 (3.8) | 0.85 (21.6) | 0.50 (12.7) | 1.75 (44.5) | 66 |          |             |
| 256-30695-332  | 350 kcmil  | 350 Navy                                                                        | ¼               | 3.40 (86.4)         | 1.81 (46.0) | 1.36 (34.5) | 0.18 (4.6) | 0.93 (23.6) | 0.38 (9.7)  | 0.75 (19.1) | 71 | Red      |             |
| 256-30695-1240 | 350 kcmil  |                                                                                 | ⅝ <sub>16</sub> | 4.18 (106.2)        | 2.63 (66.8) | 1.36 (34.5) | 0.18 (4.6) | 0.93 (23.6) | 0.38 (9.7)  | 1.75 (44.5) | 71 |          |             |
| 54215          | 350 kcmil  |                                                                                 | ¾ <sub>8</sub>  | 3.51 (89.2)         | 1.93 (49.0) | 1.36 (34.5) | 0.18 (4.6) | 0.93 (23.6) | 0.38 (9.7)  | 1.00 (25.4) | 71 |          |             |
| 54282          | 350 kcmil  |                                                                                 | ½               | 4.60 (116.8)        | 3.00 (76.2) | 1.36 (34.5) | 0.18 (4.6) | 0.93 (23.6) | 0.50 (12.7) | 1.75 (44.5) | 71 |          |             |

Diagram



\* For installations from 16 kV up to 35 kV, consult shielded cable manufacturers for stress relief and insulation requirements. Call your regional sales office for sizes not listed. For tool and die selection charts, see the Tools, Dies and Kits catalogue.

## Compression connectors for copper conductors



**Material** – High-conductivity wrought copper

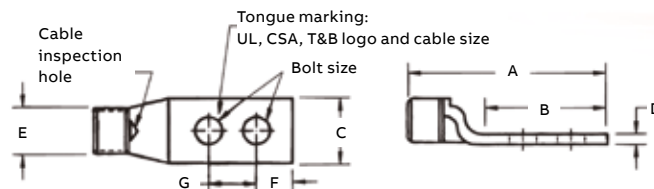
**Finish** – Electro tin plated



Two-hole lugs – Standard barrel certified to 600 V and recommended up to 35 kV\* (continued)

| Cat no.        | Code cable  | Wire size                           |              |              | Dimensions in. (mm) |             |            |             |             |             |     |        | Die<br>G code | Colour<br>code |
|----------------|-------------|-------------------------------------|--------------|--------------|---------------------|-------------|------------|-------------|-------------|-------------|-----|--------|---------------|----------------|
|                |             | Flex cable classes<br>G, H, I, K, M | Bolt<br>size | A            | B                   | C           | D          | E           | F           | G           |     |        |               |                |
|                |             |                                     |              |              |                     |             |            |             |             |             |     |        |               |                |
| 54216          | 400 kcmil   | 300 kcmil, 313 kcmil                | ¾            | 3.93 (99.8)  | 1.93 (49.0)         | 1.41 (35.8) | 0.17 (4.3) | 0.96 (24.4) | 0.38 (9.7)  | 1.00 (25.4) | 76  | Blue   |               |                |
| 54283          | 400 kcmil   | 775/24                              | ¾            | 3.88 (98.6)  | 1.93 (49.0)         | 1.41 (35.8) | 0.17 (4.3) | 0.96 (24.4) | 0.38 (9.7)  | 1.06 (26.9) | 76  |        |               |                |
| 256-30695-439  | –           | 400 Weld                            | ¾            | 4.35 (110.5) | 2.25 (57.2)         | 1.61 (40.9) | 0.22 (5.6) | 1.04 (26.4) | 0.50 (12.7) | 1.00 (25.4) | 80  | –      |               |                |
| 58277          | –           | 925/24 = 373 kcmil                  | ½            | 5.06 (128.5) | 3.00 (76.2)         | 1.61 (40.9) | 0.22 (5.6) | 1.04 (26.4) | 0.50 (12.7) | 1.75 (44.5) | 80  |        |               |                |
| 256-30695-839  | –           | 259/0.0393                          | ¾            | 4.09 (103.9) | 2.06 (52.3)         | 1.61 (40.9) | 0.22 (5.6) | 1.04 (26.4) | 0.50 (12.7) | 1.00 (25.4) | 80  |        |               |                |
| 54218          | 500 kcmil   | 400 kcmil                           | ¾            | 3.96 (100.6) | 1.93 (49.0)         | 1.61 (40.9) | 0.22 (5.6) | 1.10 (27.9) | 0.38 (9.7)  | 1.00 (25.4) | 87  | Brown  |               |                |
| 54286          | 500 kcmil   | 500 Navy                            | ½            | 5.07 (128.8) | 3.00 (76.2)         | 1.61 (40.9) | 0.22 (5.6) | 1.10 (27.9) | 0.50 (12.7) | 1.75 (44.5) | 87  |        |               |                |
| 256-30695-188  | 500 kcmil   |                                     | ½            | 4.06 (103.1) | 2.31 (58.7)         | 1.63 (41.4) | 0.22 (5.6) | 1.10 (27.9) | 0.50 (12.7) | 1.25 (31.8) | 87  |        |               |                |
| 54220          | 600 kcmil   | –                                   | ¾            | 4.13 (104.9) | 1.93 (49.0)         | 1.75 (44.5) | 0.24 (6.1) | 1.20 (30.5) | 0.38 (9.7)  | 1.00 (25.4) | 94  | Green  |               |                |
| 54289          | 600 kcmil   |                                     | ½            | 5.23 (132.8) | 3.00 (76.2)         | 1.75 (44.5) | 0.24 (6.1) | 1.20 (30.5) | 0.50 (12.7) | 1.75 (44.5) | 94  |        |               |                |
| 256-30695-1406 | 700 kcmil   | 550/535                             | ¾            | 4.05 (102.9) | 2.11 (53.6)         | 1.78 (45.2) | 0.24 (6.1) | 1.25 (31.8) | 0.50 (12.7) | 1.00 (25.4) | 99  | Pink   |               |                |
| 256-30695-842  | 700 kcmil   | 1,325/24                            | ¾            | 4.30 (109.2) | 2.06 (52.3)         | 1.80 (45.7) | 0.28 (7.1) | 1.25 (31.8) | 0.50 (12.7) | 1.00 (25.4) | 99  |        |               |                |
| 256-30695-898  | 700 kcmil   | 500 AWG                             | ¾            | 4.30 (109.2) | 2.06 (52.3)         | 1.80 (45.7) | 0.28 (7.1) | 1.25 (31.8) | 0.50 (12.7) | 1.00 (25.4) | 99  |        |               |                |
| 54291          | 700 kcmil   |                                     | ½            | 5.18 (131.6) | 3.00 (76.2)         | 1.84 (46.7) | 0.23 (5.8) | 1.25 (31.8) | 0.50 (12.7) | 1.75 (44.5) | 99  |        |               |                |
| 58281          | 700 kcmil   | 1,325/24 = 535 kcmil                | ½            | 5.23 (132.8) | 3.00 (76.2)         | 1.80 (45.7) | 0.28 (7.1) | 1.25 (31.8) | 0.50 (12.7) | 1.75 (44.5) | 99  |        |               |                |
| 256-30695-237  | 750 kcmil   | –                                   | ¾            | 5.10 (129.5) | 2.80 (71.1)         | 1.94 (49.3) | 0.27 (6.9) | 1.33 (33.8) | 0.38 (9.7)  | 1.00 (25.4) | 106 | Black  |               |                |
| 54223          | 750 kcmil   |                                     | ½            | 5.32 (135.1) | 3.00 (76.2)         | 1.94 (49.3) | 0.27 (6.9) | 1.33 (33.8) | 0.50 (12.7) | 1.75 (44.5) | 106 |        |               |                |
| 256-30695-1376 | 800 kcmil   | –                                   | ¾            | 4.78 (121.4) | 2.28 (57.9)         | 2.01 (51.1) | 0.27 (6.9) | 1.38 (35.1) | 0.44 (11.2) | 1.13 (28.7) | 107 | Orange |               |                |
| 54224          | 800 kcmil   |                                     | ½            | 5.50 (139.7) | 3.00 (76.2)         | 2.01 (51.1) | 0.27 (6.9) | 1.38 (35.1) | 0.50 (12.7) | 1.75 (44.5) | 107 |        |               |                |
| 256-30695-694  | 900 kcmil   | 1,925/24 =                          | ¾            | 4.65 (118.1) | 2.06 (52.3)         | 2.18 (55.4) | 0.31 (7.9) | 1.50 (38.1) | 0.50 (12.7) | 1.00 (25.4) | 115 | Yellow |               |                |
| 54226          | 900 kcmil   | 777 kcmil                           | ½            | 5.59 (142.0) | 3.00 (76.2)         | 2.18 (55.4) | 0.31 (7.9) | 1.50 (38.1) | 0.50 (12.7) | 1.75 (44.5) | 115 |        |               |                |
| 256-30695-846  | 900 kcmil   |                                     | ¾            | 4.60 (116.8) | 2.06 (52.3)         | 2.12 (53.9) | 0.31 (7.9) | 1.50 (38.1) | 0.50 (12.7) | 1.00 (25.4) | 115 |        |               |                |
| 256-30695-844  | 900 kcmil   |                                     | ¾            | 5.00 (127.0) | 2.63 (66.8)         | 2.18 (55.4) | 0.31 (7.9) | 1.50 (38.1) | 0.56 (14.2) | 1.50 (38.1) | 115 |        |               |                |
| 54228          | 1,000 kcmil | 1,000 Navy                          | ½            | 5.45 (138.4) | 3.00 (76.2)         | 2.27 (57.7) | 0.30 (7.6) | 1.55 (39.4) | 0.50 (12.7) | 1.75 (44.5) | 125 |        |               |                |

Diagram



\* For installations from 16 kV up to 35 kV, consult shielded cable manufacturers for stress relief and insulation requirements. Call your regional sales office for sizes not listed.  
For tool and die selection charts, see the Tools, Dies and Kits catalogue.

## Compression connectors for copper conductors



**Material** – High-conductivity wrought copper

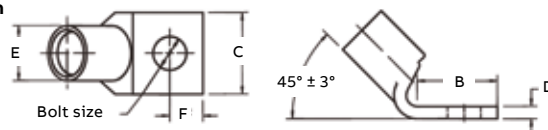
**Finish** – Electro tin plated



Two-hole lugs – 45° Standard barrel certified to 600 V and recommended up to 35 kV\*

| Cat no.          | Code cable | Wire size                                             |                 | Dimensions in. (mm) |             |            |             |            |                                |    | Die code | Colour code |
|------------------|------------|-------------------------------------------------------|-----------------|---------------------|-------------|------------|-------------|------------|--------------------------------|----|----------|-------------|
|                  |            | Flex cable classes<br>G, H, I, K, M                   | Bolt size       | B                   | C           | D          | E           | F          | G                              |    |          |             |
| 256-31426-9      | #14–10 AWG | –                                                     | #10             | 1.22 (31.0)         | 0.37 (9.4)  | 0.05 (1.3) | 0.20 (5.1)  | 0.25 (6.4) | 0.63 (16.0)                    | –  | –        |             |
| 54204UF          | #8 AWG     | #8 AWG, 23 Navy<br>#8 Weld, 37/24                     | #10             | 1.18 (30.0)         | 0.42 (10.7) | 0.08 (2.0) | 0.26 (6.6)  | 0.25 (6.4) | 0.63 (16.0)                    | 21 | Red      |             |
| 256-30695-1183UF | #6 AWG     | #6 AWG, 30 Navy<br>#6 Weld<br>61/24<br>133/0.014      | #10             | 1.19 (30.2)         | 0.44 (11.2) | 0.08 (2.0) | 0.30 (7.6)  | 0.22 (5.6) | 0.63 – 0.75<br>(16.0) – (19.1) | 24 | Blue     |             |
| 54205UF          | #6 AWG     |                                                       | ¼               | 1.28 (32.5)         | 0.44 (11.2) | 0.08 (2.0) | 0.30 (7.6)  | 0.25 (6.4) | 0.63 (16.0)                    | 24 |          |             |
| 54205UF0416      | #6 AWG     |                                                       | ¼               | 1.56 (39.6)         | 0.43 (10.9) | 0.08 (2.0) | 0.30 (7.6)  | 0.25 (6.4) | 1.00 (25.4)                    | 24 |          |             |
| 54206UF          | #4 AWG     | #5 AWG<br>40-50 Navy, 91/24<br>133/0.0177<br>49/0.029 | ¼               | 1.28 (32.5)         | 0.52 (13.2) | 0.10 (2.5) | 0.37 (9.4)  | 0.25 (6.4) | 0.63 (16.0)                    | 29 | Grey     |             |
| 54207UF          | #2 AWG     | #3 AWG<br>60 Navy, #4 Weld<br>125/24                  | ¼               | 1.28 (32.5)         | 0.59 (15.0) | 0.11 (2.8) | 0.41 (10.4) | 0.25 (6.4) | 0.63 (16.0)                    | 33 | Brown    |             |
| 256-30695-257UF  | #2 AWG     |                                                       | ¾               | 1.81 (46.0)         | 0.60 (15.2) | 0.11 (2.8) | 0.41 (10.4) | 0.38 (9.7) | 1.00 (25.4)                    | 33 |          |             |
| 54208UF          | #1 AWG     | #2 AWG, 75 Navy<br>150/24, 175/24<br>133/0.0223       | ¼               | 1.28 (32.5)         | 0.68 (17.3) | 0.11 (2.8) | 0.47 (11.9) | 0.25 (6.4) | 0.63 (16.0)                    | 37 | Green    |             |
| 54209UF          | 1/0 AWG    | #1 AWG<br>100 Navy, #1 Weld<br>225/24<br>133/0.0254   | ¾               | 1.93 (49.0)         | 0.75 (19.1) | 0.13 (3.3) | 0.52 (13.2) | 0.38 (9.7) | 1.00 (25.4)                    | 42 | Pink     |             |
| 54209UF0412      | 1/0 AWG    |                                                       | ¼               | 1.55 (39.4)         | 0.75 (19.1) | 0.13 (3.3) | 0.52 (13.2) | 0.25 (6.4) | 0.75 (19.1)                    | 42 |          |             |
| 54261UF          | 2/0 AWG    | 1/0 AWG, 125 Navy<br>1/0 Weld<br>275/24               | ⅝ <sub>16</sub> | 1.63 (41.4)         | 0.83 (21.1) | 0.14 (3.6) | 0.57 (14.5) | 0.33 (8.4) | 0.88 (22.4)                    | 45 | Black    |             |
| 54210UF          | 2/0 AWG    |                                                       | ¾               | 1.93 (49.0)         | 0.83 (21.1) | 0.13 (3.3) | 0.57 (14.5) | 0.38 (9.7) | 1.00 (25.4)                    | 45 |          |             |
| 54260UF          | 2/0 AWG    | 133/0.0282                                            | ½               | 2.81 (71.4)         | 0.83 (21.1) | 0.14 (3.6) | 0.57 (14.5) | 0.38 (9.7) | 1.75 (44.5)                    | 45 |          |             |
| 54266UF          | 3/0 AWG    | 2/0 AWG, 150 Navy<br>2/0 Weld, 325/24                 | ⅝ <sub>16</sub> | 1.75 (44.5)         | 0.94 (23.9) | 0.14 (3.6) | 0.63 (16.0) | 0.33 (8.4) | 1.00 (25.4)                    | 50 | Orange   |             |
| 54211UF          | 3/0 AWG    | 133/0.0316<br>259/0.0227                              | ¾               | 1.81 (46.0)         | 0.94 (23.9) | 0.14 (3.6) | 0.63 (16.0) | 0.38 (9.7) | 1.00 (25.4)                    | 50 |          |             |
| 54265UF          | 3/0 AWG    | 427/0.0177                                            | ½               | 2.81 (71.4)         | 0.94 (23.9) | 0.14 (3.6) | 0.63 (16.0) | 0.25 (6.4) | 1.75 (44.5)                    | 50 |          |             |
| 54212UF          | 4/0 AWG    | 200 Navy, 3/0 AWG<br>3/0 Weld                         | ¾               | 1.93 (49.0)         | 1.03 (26.2) | 0.14 (3.6) | 0.70 (17.8) | 0.38 (9.7) | 1.00 (25.4)                    | 54 | Purple   |             |
| 54270UF          | 4/0 AWG    | 450/24, 703/0.0154                                    | ½               | 3.00 (76.2)         | 1.03 (26.2) | 0.14 (3.6) | 0.70 (17.8) | 0.25 (6.4) | 1.75 (44.5)                    | 54 |          |             |

Diagram



\* For installations from 16 kV up to 35 kV, consult shielded cable manufacturers for stress relief and insulation requirements. Call your regional sales office for sizes not listed. For tool and die selection charts, see the Tools, Dies and Kits catalogue.

## Compression connectors for copper conductors



**Material** – High-conductivity wrought copper

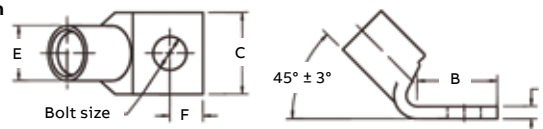
**Finish** – Electro tin plated



Two-hole lugs – 45° Standard barrel certified to 600 V and recommended up to 35 kV\* (continued)

| Cat no.         | Code cable  | Wire size                                                  |           |             | Dimensions in. (mm) |            |             |             |             |     |        | Die code | Colour code |
|-----------------|-------------|------------------------------------------------------------|-----------|-------------|---------------------|------------|-------------|-------------|-------------|-----|--------|----------|-------------|
|                 |             | Flex cable classes<br>G, H, I, K, M                        | Bolt size |             | B                   | C          | D           | E           | F           | G   |        |          |             |
| 54213UF         | 250 kcmil   | 4/0 AWG, 250 Navy                                          | 3/8       | 1.93 (49.0) | 1.13 (28.7)         | 0.14 (3.6) | 0.77 (19.6) | 0.38 (9.7)  | 1.00 (25.4) | 62  | Yellow |          |             |
| 54275UF         | 250 kcmil   | 550/24                                                     | 1/2       | 2.81 (71.4) | 1.13 (28.7)         | 0.18 (4.6) | 0.77 (19.6) | 0.25 (6.4)  | 1.75 (44.5) | 62  |        |          |             |
| 256-30695-399UF | –           | 4/0 Weld, 550/24<br>133/0.0399                             | 3/8       | 2.80 (71.1) | 1.25 (31.2)         | 0.15 (3.8) | 0.79 (20.1) | 0.38 (9.7)  | 1.00 (25.4) | 62  |        |          |             |
| 58265UF         | –           | 259/0.0286<br>637/0.018                                    | 1/2       | 2.81 (71.4) | 0.94 (23.9)         | 0.14 (3.6) | 0.79 (20.1) | 0.25 (6.4)  | 1.75 (44.5) | 62  |        |          |             |
| 54214UF         | 300 kcmil   | 250 AWG, 300 Navy                                          | 3/8       | 1.93 (49.0) | 1.25 (31.8)         | 0.15 (3.8) | 0.85 (21.6) | 0.38 (9.7)  | 1.00 (25.4) | 66  | White  |          |             |
| 54280UF         | 300 kcmil   | 650/24 = 262 kcmil                                         | 1/2       | 3.00 (76.2) | 1.25 (31.8)         | 0.15 (3.8) | 0.85 (21.6) | 0.50 (12.7) | 1.75 (44.5) | 66  |        |          |             |
| 54215UF         | 350 kcmil   | 350 Navy                                                   | 3/8       | 1.93 (49.0) | 1.36 (34.5)         | 0.18 (4.6) | 0.93 (23.6) | 0.38 (9.7)  | 1.00 (25.4) | 71  | Red    |          |             |
| 54282UF         | 350 kcmil   | 650/24 = 262 kcmil                                         | 1/2       | 3.00 (76.2) | 1.36 (34.5)         | 0.18 (4.6) | 0.93 (23.6) | 0.50 (12.7) | 1.75 (44.5) | 71  |        |          |             |
| 54216UF         | 400 kcmil   | 300 kcmil, 713 kcmil                                       | 3/8       | 1.93 (49.0) | 1.41 (35.8)         | 0.17 (4.3) | 0.96 (24.4) | 0.38 (9.7)  | 1.06 (26.9) | 76  | Blue   |          |             |
| 54283UF         | 400 kcmil   | 775/24                                                     | 3/8       | 1.93 (49.0) | 1.41 (35.8)         | 0.17 (4.3) | 0.96 (24.4) | 0.38 (9.7)  | 1.75 (44.5) | 76  |        |          |             |
| 54277UF         | –           | 400 Weld<br>925/24 = 373 kcmil<br>259/0.0393<br>427/0.0306 | 1/2       | 3.00 (76.2) | 1.61 (40.9)         | 0.22 (5.6) | 1.04 (26.4) | 0.50 (12.7) | 1.00 (25.4) | 80  | –      |          |             |
| 54218UF         | 500 kcmil   | 400 kcmil, 500 Navy                                        | 3/8       | 1.93 (49.0) | 1.61 (40.9)         | 0.22 (5.6) | 1.10 (27.9) | 0.38 (9.7)  | 1.75 (44.5) | 87  | Brown  |          |             |
| 54286UF         | 500 kcmil   | 925/24 = 373 kcmil                                         | 1/2       | 3.00 (76.2) | 1.61 (40.9)         | 0.22 (5.6) | 1.10 (27.9) | 0.50 (12.7) | 1.00 (25.4) | 87  |        |          |             |
| 54220UF         | 600 kcmil   | 1,100/24 = 444 kcmil                                       | 3/8       | 1.93 (49.0) | 1.75 (44.5)         | 0.24 (6.1) | 1.20 (30.5) | 0.38 (9.7)  | 1.75 (44.5) | 94  | Green  |          |             |
| 54289UF         | 600 kcmil   |                                                            | 1/2       | 3.00 (76.2) | 1.75 (44.5)         | 0.24 (6.1) | 1.20 (30.5) | 0.50 (12.7) | 1.75 (44.5) | 94  |        |          |             |
| 54291UF         | 700 kcmil   | 500 AWG                                                    | 1/2       | 3.00 (76.2) | 1.84 (46.7)         | 0.23 (5.8) | 1.25 (31.8) | 0.50 (12.7) | 1.75 (44.5) | 99  | Pink   |          |             |
| 54281UF         | 700 kcmil   | 1,325/24 = 535 kcmil                                       | 1/2       | 3.00 (76.2) | 1.84 (46.7)         | 0.28 (7.1) | 1.25 (31.8) | 0.50 (12.7) | 1.75 (44.5) | 99  |        |          |             |
| 256-30695-237UF | 750 kcmil   | –                                                          | 3/8       | 2.80 (71.1) | 1.94 (49.3)         | 0.27 (6.9) | 1.33 (33.8) | 0.38 (9.7)  | 1.00 (25.4) | 106 | Black  |          |             |
| 54223UF         | 750 kcmil   |                                                            | 1/2       | 3.00 (76.2) | 1.94 (49.3)         | 0.27 (6.9) | 1.33 (33.8) | 0.50 (12.7) | 1.75 (44.5) | 106 |        |          |             |
| 54224UF         | 800 kcmil   | –                                                          | 1/2       | 3.00 (76.2) | 2.01 (51.1)         | 0.27 (6.9) | 1.38 (35.1) | 0.50 (12.7) | 1.75 (44.5) | 106 |        |          |             |
| 54226UF         | 900 kcmil   | 1,925/24 = 777 kcmil                                       | 1/2       | 3.00 (76.2) | 2.18 (55.4)         | 0.31 (7.9) | 1.50 (38.1) | 0.50 (12.7) | 1.75 (44.5) | 115 | Yellow |          |             |
| 54228UF         | 1,000 kcmil | 1,000 Navy                                                 | 1/2       | 3.00 (76.2) | 2.27 (57.7)         | 0.30 (7.6) | 1.55 (39.4) | 0.50 (12.7) | 1.75 (44.5) | 125 |        |          |             |

Diagram



\* For installations from 16 kV up to 35 kV, consult shielded cable manufacturers for stress relief and insulation requirements. Call your regional sales office for sizes not listed. For tool and die selection charts, see the Tools, Dies and Kits catalogue.

## Compression connectors for copper conductors



**Material** – High-conductivity wrought copper

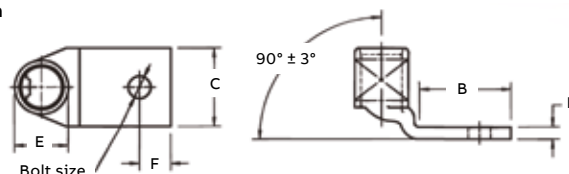
**Finish** – Electro tin plated



Two-hole lugs – 90° Standard barrel certified to 600 V and recommended up to 35 kV\*

| Cat no.          | Code cable | Wire size                                             |           | Dimensions in. (mm) |             |            |             |            |                             | Die code | Colour code |
|------------------|------------|-------------------------------------------------------|-----------|---------------------|-------------|------------|-------------|------------|-----------------------------|----------|-------------|
|                  |            | Flex cable classes<br>G, H, I, K, M                   | Bolt size | B                   | C           | D          | E           | F          | G                           |          |             |
| 256-31426-141    | #14–10 AWG | –                                                     | #10       | 1.25 (31.2)         | 0.37 (9.4)  | 0.07 (1.8) | 0.20 (5.1)  | 0.22 (5.6) | 0.63 (16.0)                 | ERG2002  | Yellow      |
| 256-31426-6SPH   | #14–10 AWG |                                                       | #10       | 1.30 (33.0)         | 0.37 (9.4)  | 0.07 (1.8) | 0.20 (5.1)  | 0.22 (5.6) | 0.63 – 0.75 (16.0) – (19.1) | ERG2002  |             |
| 256-31426-6      | #14–10 AWG |                                                       | #10       | 1.30 (33.0)         | 0.37 (9.4)  | 0.07 (1.8) | 0.20 (5.1)  | 0.22 (5.6) | 0.63 (16.0)                 | ERG2002  |             |
| 256-31426-6S     | #14–10 AWG |                                                       | #10       | 1.30 (33.0)         | 0.37 (9.4)  | 0.07 (1.8) | 0.20 (5.1)  | 0.22 (5.6) | 0.63 – 0.75 (16.0) – (19.1) | ERG2002  |             |
| 256-30695-1409   | #8 AWG     | #8 AWG<br>23 Navy<br>#8 Weld<br>37/24                 | #10       | 1.19 (30.2)         | 0.41 (10.4) | 0.06 (1.5) | 0.26 (6.6)  | 0.23 (5.8) | 0.63 – 0.75 (16.0) – (19.1) | 21       | Red         |
| 54204UB          | #8 AWG     |                                                       | #10       | 1.25 (31.8)         | 0.42 (10.7) | 0.08 (2.0) | 0.26 (6.6)  | 0.25 (6.4) | 0.63 (16.0)                 | 21       |             |
| 256-31426-33UB*  | #8 AWG     |                                                       | #10       | 1.19 (30.2)         | 0.41 (10.4) | 0.06 (1.5) | 0.26 (6.6)  | 0.23 (5.8) | 0.63 (16.0)                 | 21       |             |
| 256-31426-33UBPH | #8 AWG     |                                                       | #10       | 1.19 (30.2)         | 0.41 (10.4) | 0.06 (1.5) | 0.26 (6.6)  | 0.23 (5.8) | 0.63 – 0.75 (16.0) – (19.1) | 21       |             |
| 256-30695-1411   | #6 AWG     | #6 AWG<br>30 Navy<br>#6 Weld<br>133/0.014<br>61/24    | #10       | 1.19 (30.2)         | 0.44 (11.2) | 0.08 (2.0) | 0.30 (7.6)  | 0.23 (5.8) | 0.63 – 0.75 (16.0) – (19.1) | 24       | Blue        |
| 256-30695-1183B  | #6 AWG     |                                                       | #10       | 1.19 (30.2)         | 0.44 (11.2) | 0.08 (2.0) | 0.30 (7.6)  | 0.23 (5.8) | 0.63 – 0.75 (16.0) – (19.1) | 24       |             |
| 256-30695-1356   | #6 AWG     |                                                       | #10       | 1.19 (30.2)         | 0.43 (10.1) | 0.08 (2.0) | 0.30 (7.6)  | 0.23 (5.8) | 0.63 (16.0)                 | 24       |             |
| 54205UB          | #6 AWG     |                                                       | ¼         | 1.28 (32.5)         | 0.44 (11.2) | 0.08 (2.0) | 0.30 (7.6)  | 0.25 (6.4) | 0.63 (16.0)                 | 24       |             |
| 256-30695-252UB  | #6 AWG     | #5 AWG<br>40–50 Navy, 91/24<br>133/0.0177<br>49/0.029 | ¼         | 1.56 (39.6)         | 0.43 (10.1) | 0.08 (2.0) | 0.30 (7.6)  | 0.25 (6.4) | 1.00 (25.4)                 | 24       | Grey        |
| 54206UB          | #4 AWG     |                                                       | ¼         | 1.28 (32.5)         | 0.52 (13.2) | 0.10 (2.5) | 0.37 (9.4)  | 0.25 (6.4) | 0.63 (16.0)                 | 29       |             |
| 54207UB          | #2 AWG     |                                                       | ¼         | 1.28 (32.5)         | 0.59 (15.0) | 0.11 (2.8) | 0.41 (10.4) | 0.25 (6.4) | 0.63 (16.0)                 | 33       |             |
| 54208UB          | #1 AWG     |                                                       | ¼         | 1.28 (32.5)         | 0.68 (17.3) | 0.11 (2.8) | 0.47 (11.9) | 0.25 (6.4) | 0.63 (16.0)                 | 37       |             |
| 54209UB          | 1/0 AWG    | 1 AWG, 100 Navy,<br>#1 Weld, 225/24<br>133/0.0254     | ¾         | 1.93 (49.0)         | 0.75 (19.1) | 0.13 (3.3) | 0.52 (13.2) | 0.38 (9.7) | 1.00 (25.4)                 | 42       | Pink        |
| 54209UB0412      | 1/0 AWG    |                                                       | ¾         | 1.55 (39.4)         | 0.75 (19.1) | 0.13 (3.3) | 0.52 (13.2) | 0.25 (6.4) | 0.75 (19.1)                 | 42       |             |
| 54261UB          | 2/0 AWG    | 1/0 AWG, 125 Navy<br>1/0 Weld, 275/24<br>133/0.0282   | 5/16      | 1.63 (41.4)         | 0.83 (21.1) | 0.14 (3.6) | 0.57 (14.5) | 0.34 (8.6) | 0.88 (22.4)                 | 45       | Black       |
| 54210UB          | 2/0 AWG    |                                                       | ¾         | 1.93 (49.0)         | 0.83 (21.1) | 0.13 (3.3) | 0.57 (14.5) | 0.38 (9.7) | 1.00 (25.4)                 | 45       |             |
| 54260UB          | 2/0 AWG    |                                                       | ½         | 2.81 (71.4)         | 0.83 (21.1) | 0.14 (3.6) | 0.57 (14.5) | 0.38 (9.7) | 1.75 (44.5)                 | 45       |             |

Diagram



\* Blind end

\* For installations from 16 kV up to 35 kV, consult shielded cable manufacturers for stress relief and insulation requirements. Call your regional sales office for sizes not listed. For tool and die selection charts, see the Tools, Dies and Kits catalogue.

## Compression connectors for copper conductors



**Material** – High-conductivity wrought copper

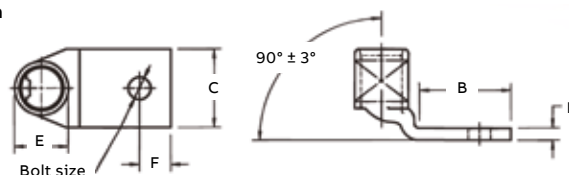
**Finish** – Electro tin plated



Two-hole lugs – 90° Standard barrel certified to 600 V and recommended up to 35 kV\* (continued)

| Cat no.         | Code cable  | Wire size                                                 |           | Dimensions in. (mm) |             |            |             |             |             |     | Die code | Colour code |
|-----------------|-------------|-----------------------------------------------------------|-----------|---------------------|-------------|------------|-------------|-------------|-------------|-----|----------|-------------|
|                 |             | Flex cable classes<br>G, H, I, K, M                       | Bolt size | B                   | C           | D          | E           | F           | G           |     |          |             |
| 54266UB         | 3/0 AWG     | 2/0 AWG, 150 Navy                                         | 5/16      | 1.75 (44.5)         | 0.94 (23.9) | 0.14 (3.6) | 0.63 (16.0) | 0.34 (8.6)  | 1.00 (25.4) | 50  | Orange   |             |
| 54211UB         | 3/0 AWG     | 2/0 Weld, 325/24                                          | 3/8       | 1.81 (46.0)         | 0.94 (23.9) | 0.14 (3.6) | 0.63 (16.0) | 0.38 (9.7)  | 1.00 (25.4) | 50  |          |             |
| 54265UB         | 3/0 AWG     | 133/0.0316<br>259/0.0227<br>427/0.0177                    | 1/2       | 2.81 (71.4)         | 0.94 (23.9) | 0.14 (3.6) | 0.63 (16.0) | 0.38 (9.7)  | 1.75 (44.5) | 50  |          |             |
| 54212UB         | 4/0 AWG     | 3/0 AWG, 200 Navy                                         | 3/8       | 1.93 (49.0)         | 1.03 (26.2) | 0.14 (3.6) | 0.70 (17.8) | 0.38 (9.7)  | 1.00 (25.4) | 54  | Purple   |             |
| 54270UB         | 4/0 AWG     | 3/0 Weld, 450/24<br>703/0.0154                            | 1/2       | 3.00 (76.2)         | 1.03 (26.2) | 0.14 (3.6) | 0.70 (17.8) | 0.50 (12.7) | 1.75 (44.5) | 54  |          |             |
| 54213UB         | 250 kcmil   | 4/0 AWG, 250 Navy                                         | 3/8       | 1.93 (49.0)         | 1.13 (28.7) | 0.14 (3.6) | 0.77 (19.6) | 0.38 (9.7)  | 1.00 (25.4) | 62  | Yellow   |             |
| 54275UB         | 250 kcmil   | 550/24                                                    | 1/2       | 2.81 (71.4)         | 1.13 (28.7) | 0.18 (4.6) | 0.77 (19.6) | 0.50 (12.7) | 1.75 (44.5) | 62  |          |             |
| 256-30595-399UB | –           | 4/0 AWG, 4/0 Weld                                         | 3/8       | 2.80 (71.1)         | 1.25 (31.8) | 0.15 (3.8) | 0.79 (20.1) | 0.38 (9.7)  | 1.00 (25.4) | 62  |          |             |
| 58265UB         | –           | 550/24<br>133/0.0399<br>259/0.0286<br>637/0.018           | 1/2       | 2.81 (71.4)         | 0.94 (23.9) | 0.14 (3.6) | 0.79 (20.1) | 0.50 (12.7) | 1.75 (44.5) | 62  |          |             |
| 54214UB         | 300 kcmil   | 250 AWG, 300 Navy                                         | 3/8       | 1.93 (49.0)         | 1.25 (31.8) | 0.15 (3.8) | 0.85 (21.6) | 0.38 (9.7)  | 1.00 (25.4) | 66  | White    |             |
| 54280UB         | 300 kcmil   | 650/24 = 262 kcmil                                        | 1/2       | 3.00 (76.2)         | 1.25 (31.8) | 0.15 (3.8) | 0.85 (21.6) | 0.50 (12.7) | 1.75 (44.5) | 66  |          |             |
| 54215UB         | 350 kcmil   | 350 Navy                                                  | 3/8       | 1.93 (49.0)         | 1.36 (34.5) | 0.18 (4.6) | 0.93 (23.6) | 0.38 (9.7)  | 1.00 (25.4) | 71  | Red      |             |
| 54282UB         | 350 kcmil   | 650/24 = 262 kcmil                                        | 1/2       | 3.00 (76.2)         | 1.36 (34.5) | 0.18 (4.6) | 0.93 (23.6) | 0.50 (12.7) | 1.75 (44.5) | 71  |          |             |
| 54216UB         | 400 kcmil   | 300/313 kcmil                                             | 3/8       | 1.93 (49.0)         | 1.41 (35.8) | 0.17 (4.3) | 0.96 (24.4) | 0.38 (9.7)  | 1.06 (26.9) | 76  | Blue     |             |
| 54283UB         | 400 kcmil   | 775/24                                                    | 3/8       | 1.93 (49.0)         | 1.41 (35.8) | 0.17 (4.3) | 0.96 (24.4) | 0.38 (9.7)  | 1.75 (44.5) | 76  |          |             |
| 54277UB         | –           | 400 Weld, 925/24<br>373 kcmil<br>259/0.0393<br>427/0.0306 | 1/2       | 3.00 (76.2)         | 1.61 (40.9) | 0.22 (5.6) | 1.04 (26.4) | 0.50 (12.7) | 1.00 (25.4) | 80  | –        | –           |
| 54218UB         | 500 kcmil   | 400 kcmil                                                 | 3/8       | 1.93 (49.0)         | 1.61 (40.9) | 0.22 (5.6) | 1.10 (27.9) | 0.38 (9.7)  | 1.75 (44.5) | 87  | Brown    |             |
| 54286UB         | 500 kcmil   | 500 Navy                                                  | 1/2       | 3.00 (76.2)         | 1.61 (40.9) | 0.22 (5.6) | 1.10 (27.9) | 0.50 (12.7) | 1.75 (44.5) | 87  |          |             |
| 256-30695-1221B | 500 kcmil   | 925/24 = 373 kcmil                                        | 3/8       |                     | 1.61 (40.9) | 0.22 (5.6) | 1.10 (27.9) | 0.38 (9.7)  | 1.00 (25.4) | 87  |          |             |
| 54220UB         | 600 kcmil   | 1,100/24, 444 kcmil                                       | 3/8       | 1.93 (49.0)         | 1.75 (44.5) | 0.24 (6.1) | 1.20 (30.5) | 0.38 (9.7)  | 1.75 (44.5) | 94  | Green    |             |
| 54289UB         | 600 kcmil   |                                                           | 1/2       | 3.00 (76.2)         | 1.75 (44.5) | 0.24 (6.1) | 1.20 (30.5) | 0.50 (12.7) | 1.75 (44.5) | 94  |          |             |
| 54291UB         | 700 kcmil   | 1,325/24, 535 kcmil                                       | 1/2       | 3.00 (76.2)         | 1.84 (46.7) | 0.23 (5.8) | 1.25 (31.8) | 0.50 (12.7) | 1.75 (44.5) | 99  | Pink     |             |
| 54281UB         | 700 kcmil   |                                                           | 1/2       | 3.00 (76.2)         | 1.84 (46.7) | 0.28 (7.1) | 1.25 (31.8) | 0.50 (12.7) | 1.75 (44.5) | 99  |          |             |
| 54223UB         | 750 kcmil   | –                                                         | 1/2       | 3.00 (76.2)         | 1.94 (49.3) | 0.27 (6.9) | 1.33 (33.8) | 0.50 (12.7) | 1.75 (44.5) | 106 | Black    |             |
| 54224UB         | 800 kcmil   |                                                           | 1/2       | 3.00 (76.2)         | 2.01 (51.1) | 0.27 (6.9) | 1.38 (35.1) | 0.50 (12.7) | 1.75 (44.5) | 106 |          |             |
| 54226UB         | 900 kcmil   | 1,925/24, 777 kcmil                                       | 1/2       | 3.00 (76.2)         | 2.18 (55.4) | 0.31 (7.9) | 1.50 (38.1) | 0.50 (12.7) | 1.75 (44.5) | 115 | Yellow   |             |
| 54228UB         | 1,000 kcmil | 1,000 Navy                                                | 1/2       | 3.00 (76.2)         | 2.27 (57.7) | 0.30 (7.6) | 1.55 (39.4) | 0.50 (12.7) | 1.75 (44.5) | 125 | –        | –           |

Diagram



\* For installations from 16 kV up to 35 kV, consult shielded cable manufacturers for stress relief and insulation requirements. Call your regional sales office for sizes not listed. For tool and die selection charts, see the Tools, Dies and Kits catalogue.

## Compression connectors for copper conductors



**Peep holes available – Add suffix PH**

**Material** – High-conductivity wrought copper

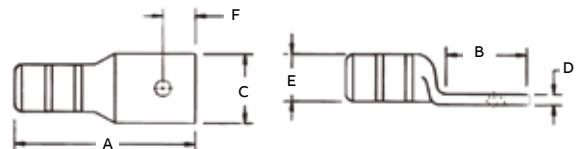
**Finish** – Electro tin plated



One-hole lugs – Long barrel certified to 600 V and recommended up to 35 kV\*

| Cat no.        | Code cable | Wire size                        |           | Dimensions in. (mm) |             |             |            |             |             |         | Die code | Colour code |
|----------------|------------|----------------------------------|-----------|---------------------|-------------|-------------|------------|-------------|-------------|---------|----------|-------------|
|                |            | Flex cable classes G, H, I, K, M | Bolt size | A                   | B           | C           | D          | E           | F           |         |          |             |
| 54901BE        | #14–10 AWG | –                                | ¼         | 1.23 (31.2)         | 0.56 (14.2) | 0.50 (12.7) | 0.05 (1.3) | 0.20 (5.1)  | 0.25 (6.4)  | ERG2002 | –        | –           |
| 54929BE        | #8 AWG     | #8 AWG                           | #10       | 1.65 (41.9)         | 0.65 (16.5) | 0.42 (10.7) | 0.08 (2.0) | 0.26 (6.6)  | 0.25 (6.4)  | 21      | Red      | Red         |
| 54930BE        | #8 AWG     | 37/24                            | ¼         | 1.65 (41.9)         | 0.65 (16.5) | 0.42 (10.7) | 0.08 (2.0) | 0.26 (6.6)  | 0.25 (6.4)  | 21      | Blue     | Blue        |
| 54904BE        | #6 AWG     | #6 AWG                           | #10       | 1.65 (41.9)         | 0.65 (16.5) | 0.44 (11.2) | 0.08 (2.0) | 0.30 (7.6)  | 0.25 (6.4)  | 24      | Grey     | Grey        |
| 54905BE        | #6 AWG     | 61/24                            | ¼         | 1.65 (41.9)         | 0.65 (16.5) | 0.44 (11.2) | 0.08 (2.0) | 0.30 (7.6)  | 0.25 (6.4)  | 24      | Green    | Green       |
| 54908BE        | #4 AWG     | #5 AWG                           | #10       | 1.70 (43.2)         | 0.65 (16.5) | 0.52 (13.2) | 0.10 (2.5) | 0.37 (9.4)  | 0.25 (6.4)  | 29      | Brown    | Brown       |
| 54906BE        | #4 AWG     | 91/24                            | ¼         | 1.70 (43.2)         | 0.65 (16.5) | 0.52 (13.2) | 0.10 (2.5) | 0.37 (9.4)  | 0.25 (6.4)  | 29      | Green    | Green       |
| 54933BE        | #2–3 AWG   | #3 AWG                           | #10       | 1.88 (47.8)         | 0.65 (16.5) | 0.59 (15.0) | 0.11 (2.8) | 0.41 (10.4) | 0.25 (6.4)  | 33      | Pink     | Pink        |
| 54942BE        | #2–3 AWG   | 125/24                           | 5/16      | 2.03 (51.6)         | 0.88 (22.4) | 0.59 (15.0) | 0.11 (2.8) | 0.41 (10.4) | 0.38 (9.7)  | 33      | Black    | Black       |
| 54945BE        | #1 AWG     | #2 AWG                           | #10       | 1.95 (49.5)         | 0.65 (16.5) | 0.68 (17.3) | 0.11 (2.8) | 0.47 (11.9) | 0.25 (6.4)  | 37      | Orange   | Orange      |
| 54947BE        | #1 AWG     | 150/24                           | 5/16      | 2.18 (55.4)         | 0.88 (22.4) | 0.68 (17.3) | 0.11 (2.8) | 0.47 (11.9) | 0.38 (9.7)  | 37      | Purple   | Purple      |
| 54946BE        | 1/0 AWG    | #1 AWG                           | #10       | 1.95 (49.5)         | 0.65 (16.5) | 0.75 (19.1) | 0.13 (3.3) | 0.52 (13.2) | 0.25 (6.4)  | 42      | Yellow   | Yellow      |
| 54949BE        | 1/0 AWG    | 225/24                           | 5/16      | 2.18 (55.4)         | 0.88 (22.4) | 0.75 (19.1) | 0.13 (3.3) | 0.52 (13.2) | 0.38 (9.7)  | 42      | White    | White       |
| 54909BE        | 1/0 AWG    |                                  | ¾         | 2.23 (56.6)         | 0.93 (23.6) | 0.75 (19.1) | 0.13 (3.3) | 0.52 (13.2) | 0.38 (9.7)  | 42      | Red      | Red         |
| 54950BE        | 1/0 AWG    |                                  | ½         | 2.55 (64.8)         | 1.25 (31.8) | 0.75 (19.1) | 0.13 (3.3) | 0.52 (13.2) | 0.50 (12.7) | 42      | Blue     | Blue        |
| 54910BE        | 2/0 AWG    | 1/0 AWG                          | ¾         | 2.28 (57.9)         | 1.25 (31.8) | 0.83 (21.1) | 0.13 (3.3) | 0.57 (14.5) | 0.38 (9.7)  | 45      | Brown    | Brown       |
| 54951BE        | 2/0 AWG    | 275/24                           | ½         | 2.60 (66.4)         | 1.25 (31.8) | 0.83 (21.1) | 0.13 (3.3) | 0.57 (14.5) | 0.50 (12.7) | 45      | Green    | Green       |
| 54965BE        | 3/0 AWG    | 2/0 AWG, 325/24                  | ½         | 2.70 (68.6)         | 1.25 (31.8) | 0.92 (23.4) | 0.13 (3.3) | 0.63 (16.0) | 0.50 (12.7) | 50      | Orange   | Orange      |
| 256-30695-1252 | 4/0 AWG    | 3/0 AWG, 3/0 Weld                | ¼         | 2.35 (59.7)         | 0.65 (16.5) | 1.03 (33.0) | 0.14 (3.6) | 0.70 (17.8) | 0.75 (19.1) | 54      | Purple   | Purple      |
| 256-30695-1253 | 4/0 AWG    | 450/24                           | ¾         | 2.95 (74.9)         | 1.25 (31.8) | 1.03 (33.0) | 0.14 (3.6) | 0.70 (17.8) | 0.38 (9.7)  | 54      | Yellow   | Yellow      |
| 54970BE        | 4/0 AWG    |                                  | ½         | 2.95 (74.9)         | 1.25 (31.8) | 1.03 (33.0) | 0.14 (3.6) | 0.77 (19.6) | 0.50 (12.7) | 54      | White    | White       |
| 54913BE        | 250 kcmil  | 4/0 AWG, 4/0 Weld                | ½         | 3.15 (80.1)         | 1.25 (31.8) | 1.13 (28.7) | 0.14 (3.6) | 0.85 (21.6) | 0.50 (12.7) | 62      | Red      | Red         |
|                |            | 550/24                           |           |                     |             |             |            |             |             |         |          |             |
| 54914BE        | 300 kcmil  | 250 kcmil                        | ½         | 3.50 (88.9)         | 1.25 (31.8) | 1.25 (31.8) | 0.15 (3.8) | 0.93 (23.6) | 0.50 (12.7) | 66      | Blue     | Blue        |
|                |            | 650/24 = 262 kcmil               |           |                     |             |             |            |             |             |         |          |             |
| 54915BE        | 350 kcmil  | –                                | ½         | 3.68 (93.5)         | 1.58 (40.1) | 1.36 (34.5) | 0.18 (4.6) | 0.96 (24.4) | 0.50 (12.7) | 71      | Green    | Green       |
| 54916BE        | 400 kcmil  | 775/24 =                         | ½         | 3.75 (95.3)         | 1.25 (31.8) | 1.41 (35.8) | 0.17 (4.3) | 0.96 (24.4) | 0.50 (12.7) | 76      | Brown    | Brown       |
| 54917BE        | 400 kcmil  | 300/313 kcmil                    | 5/8       | 4.03 (102.4)        | 1.58 (40.1) | 1.41 (35.8) | 0.17 (4.3) | 1.10 (27.9) | 0.63 (16.0) | 76      | Orange   | Orange      |
| 54918BE        | 500 kcmil  | 400 kcmil                        | ½         | 4.25 (108.0)        | 1.25 (31.8) | 1.61 (40.9) | 0.22 (5.6) | 1.10 (27.9) | 0.50 (12.7) | 87      | Purple   | Purple      |
| 54919BE        | 500 kcmil  | 925/24 = 373 kcmil               | 5/8       | 4.57 (116.8)        | 1.58 (40.1) | 1.61 (40.9) | 0.22 (5.6) | 1.20 (30.5) | 0.63 (16.0) | 87      | Yellow   | Yellow      |
| 54921BE        | 600 kcmil  | 1,100/24 =                       | ½         | 4.10 (104.1)        | 1.25 (31.8) | 1.75 (44.5) | 0.24 (6.1) | 1.20 (30.5) | 0.50 (12.7) | 94      | White    | White       |
| 54920BE        | 600 kcmil  | 444 kcmil                        | 5/8       | 4.39 (111.6)        | 1.58 (40.1) | 1.75 (44.5) | 0.24 (6.1) | 1.20 (30.5) | 0.63 (16.0) | 94      | Red      | Red         |
| 54979BE        | –          | 1,325/24 =                       | ½         | 4.40 (111.8)        | 1.25 (31.8) | 1.80 (45.7) | 0.24 (6.1) | 1.25 (31.8) | 0.50 (12.7) | 99      | Blue     | Blue        |
|                |            | 535 kcmil                        |           |                     |             |             |            |             |             |         |          |             |

Diagram



\* For installations from 16 kV up to 35 kV, consult shielded cable manufacturers for stress relief and insulation requirements. Call your regional sales office for sizes not listed. For tool and die selection charts, see the Tools, Dies and Kits catalogue.

## Compression connectors for copper conductors



**Peep holes available – Add suffix PH**

**Material** – High-conductivity wrought copper

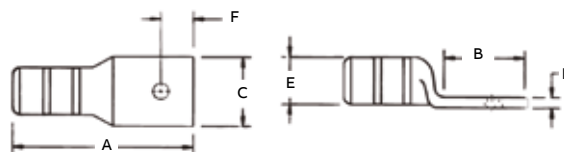
**Finish** – Electro tin plated



One-hole lugs – Long barrel certified to 600 V and recommended up to 35 kV<sup>†</sup> (continued)

| Wire size     |             |                                     |           | Dimensions in. (mm) |             |             |            |             |             |     |        | Die code | Colour code |
|---------------|-------------|-------------------------------------|-----------|---------------------|-------------|-------------|------------|-------------|-------------|-----|--------|----------|-------------|
| Cat no.       | Code cable  | Flex cable classes<br>G, H, I, K, M | Bolt size | A                   | B           | C           | D          | E           | F           |     |        |          |             |
| 54922BE       | 750 kcmil   | 1,325/24 = 535 kcmil                | ½         | 4.40 (111.8)        | 1.25 (31.8) | 1.94 (49.3) | 0.27 (6.9) | 1.33 (33.8) | 0.50 (12.7) | 106 | Black  |          |             |
| 54923BE       | –           | 1,325/24 = 535 kcmil                | ⅝         | 4.72 (119.9)        | 1.58 (40.1) | 1.94 (49.3) | 0.27 (6.9) | 1.33 (33.8) | 0.63 (16.0) | 106 |        |          |             |
| 58984BE       | –           | 1,600/24 = 646 kcmil                | ⅝         | 4.73 (120.1)        | 1.58 (40.1) | 1.94 (49.3) | 0.27 (6.9) | 1.33 (33.8) | 0.63 (16.0) | 106 |        |          |             |
| 58926BE       | 900 kcmil   | 1,925/24 = 777 kcmil                | ⅝         | 5.23 (132.8)        | 1.58 (40.1) | 2.17 (55.1) | 0.31 (7.9) | 1.50 (38.1) | 0.63 (16.0) | 115 | Yellow |          |             |
| 54928BE       | 1,000 kcmil | –                                   | ⅝         | 5.24 (134.0)        | 1.58 (40.1) | 2.27 (57.7) | 0.30 (7.6) | 1.55 (39.4) | 0.63 (16.0) | 125 | –      |          |             |
| 256-30695-918 | 1,000 kcmil | –                                   | ⅞         | 5.42 (137.7)        | 1.82 (46.2) | 2.38 (60.5) | 0.30 (7.6) | 1.55 (39.4) | 0.88 (22.4) | 125 |        |          |             |

Diagram



<sup>†</sup> For installations from 16 kV up to 35 kV, consult shielded cable manufacturers for stress relief and insulation requirements. Call your regional sales office for sizes not listed.  
For tool and die selection charts, see the Tools, Dies and Kits catalogue.

## Compression connectors for copper conductors



**Peep holes available – Add suffix PH**

**Material** – High-conductivity wrought copper

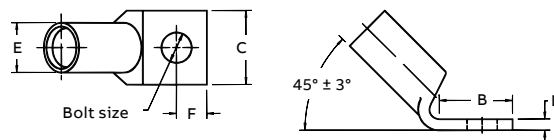
**Finish** – Electro tin plated



One-hole lugs – 45° Long barrel certified to 600 V and recommended up to 35 kV\*

| Cat no.     | Code cable  | Wire size                           |           |             | Dimensions in. (mm) |            |             |             |     | Die code | Colour code |
|-------------|-------------|-------------------------------------|-----------|-------------|---------------------|------------|-------------|-------------|-----|----------|-------------|
|             |             | Flex cable classes<br>G, H, I, K, M | Bolt size | B           | C                   | D          | E           | F           |     |          |             |
|             |             |                                     |           |             |                     |            |             |             |     |          |             |
| 54929BEUF   | #8 AWG      | 37/24                               | #1/0      | 0.65 (16.5) | 0.42 (10.7)         | 0.08 (2.0) | 0.26 (6.6)  | 0.25 (6.4)  | 21  | Red      |             |
| 54930BEUF   | #8 AWG      | 37/24                               | ¼         | 0.65 (16.5) | 0.42 (10.7)         | 0.08 (2.0) | 0.26 (6.6)  | 0.25 (6.4)  | 21  |          |             |
| 54904BEUF   | #6 AWG      | #6 AWG, 61/24                       | #1/0      | 0.65 (16.5) | 0.44 (11.2)         | 0.08 (2.0) | 0.30 (7.6)  | 0.25 (6.4)  | 24  | Blue     |             |
| 54905BEUF   | #6 AWG      | #6 AWG, 61/24                       | ¼         | 0.65 (16.5) | 0.44 (11.2)         | 0.08 (2.0) | 0.30 (7.6)  | 0.25 (6.4)  | 24  |          |             |
| 54908BEUF   | #4 AWG      | #5 AWG, 91/24                       | #1/0      | 0.65 (16.5) | 0.52 (13.2)         | 0.10 (2.5) | 0.37 (9.4)  | 0.25 (6.4)  | 29  | Grey     |             |
| 54906BEUF   | #4 AWG      | #5 AWG, 91/24                       | ¼         | 0.65 (16.5) | 0.52 (13.2)         | 0.10 (2.5) | 0.37 (9.4)  | 0.25 (6.4)  | 29  |          |             |
| 54933BEUF   | #2–3 AWG    | 125/24                              | #1/0      | 0.65 (16.5) | 0.59 (15.0)         | 0.11 (2.8) | 0.41 (10.4) | 0.25 (6.4)  | 33  | Brown    |             |
| 54942BEUF   | #2–3 AWG    | 125/24                              | ⅝         | 0.88 (22.4) | 0.59 (15.0)         | 0.11 (2.8) | 0.41 (10.4) | 0.88 (22.4) | 33  |          |             |
| 54945BEUF   | #1 AWG      | #2 AWG, 150/24 – 175/24             | #1/0      | 0.65 (16.5) | 0.68 (17.3)         | 0.11 (2.8) | 0.47 (11.9) | 0.25 (6.4)  | 37  | Green    |             |
| 54947BEUF   | #1 AWG      | #2 AWG, 150/24 – 175/24             | ⅝         | 0.88 (22.4) | 0.68 (17.3)         | 0.11 (2.8) | 0.47 (11.9) | 0.38 (9.7)  | 37  |          |             |
| 54946BEUF   | 1/0 AWG     | #1 AWG, 225/24                      | #1/0      | 0.65 (16.5) | 0.75 (19.1)         | 0.13 (3.3) | 0.52 (13.2) | 0.25 (6.4)  | 42  | Pink     |             |
| 54949BEUF   | 1/0 AWG     | #1 AWG, 225/24                      | ⅝         | 0.88 (22.4) | 0.75 (19.1)         | 0.13 (3.3) | 0.52 (13.2) | 0.38 (9.7)  | 42  |          |             |
| 54909BEUF   | 1/0 AWG     | #1 AWG, 225/24                      | ¾         | 0.93 (23.6) | 0.75 (19.1)         | 0.13 (3.3) | 0.52 (13.2) | 0.38 (9.7)  | 42  |          |             |
| 54950BEUF   | 1/0 AWG     | #1 AWG, 225/24                      | ½         | 1.25 (31.8) | 0.75 (19.1)         | 0.13 (3.3) | 0.52 (13.2) | 0.50 (12.7) | 42  |          |             |
| 54910BEUF   | 2/0 AWG     | 1/0 AWG, 275/24                     | ¾         | 0.93 (23.6) | 0.83 (21.1)         | 0.13 (3.3) | 0.57 (14.5) | 0.38 (9.7)  | 45  | Black    |             |
| 54951BEUF   | 2/0 AWG     | 1/0 AWG, 275/24                     | ½         | 1.25 (31.8) | 0.83 (21.1)         | 0.13 (3.3) | 0.57 (14.5) | 0.50 (12.7) | 45  |          |             |
| 54965BEUF   | 3/0 AWG     | 2/0 AWG – 325/24                    | ½         | 1.25 (31.8) | 0.92 (23.4)         | 0.13 (3.3) | 0.63 (16.0) | 0.50 (12.7) | 50  | Orange   |             |
| 54970BEUF04 | 4/0 AWG     | 3/0 AWG, 450/24, 3/0 Weld           | ¼         | 1.00 (25.4) | 1.03 (26.1)         | 0.14 (3.6) | 0.70 (17.8) | 0.25 (6.4)  | 54  | Purple   |             |
| 54970BEUF06 | 4/0 AWG     | 3/0 AWG, 450/24, 3/0 Weld           | ¾         | 1.13 (23.6) | 1.03 (26.1)         | 0.14 (3.6) | 0.70 (17.8) | 0.38 (9.7)  | 54  |          |             |
| 54970BEUF   | 4/0 AWG     | 3/0 AWG, 450/24, 3/0 Weld           | ½         | 1.25 (31.8) | 1.03 (26.1)         | 0.14 (3.6) | 0.70 (17.8) | 0.50 (12.7) | 54  |          |             |
| 54913BEUF   | 250 kcmil   | 550/24 – 4/0 AWG, 4/0 Weld          | ½         | 1.25 (31.8) | 1.13 (28.7)         | 0.14 (3.6) | 0.77 (19.6) | 0.50 (12.7) | 62  | Yellow   |             |
| 54914BEUF   | 300 kcmil   | 250 kcmil, 650/24 = 262 kcmil       | ½         | 1.25 (31.8) | 1.25 (31.8)         | 0.15 (3.8) | 0.85 (21.6) | 0.50 (12.7) | 66  | White    |             |
| 54915BEUF   | 350 kcmil   | 650/24, 262 kcmil                   | ½         | 1.25 (31.8) | 1.36 (34.8)         | 0.18 (4.6) | 0.93 (23.6) | 0.50 (12.7) | 71  | Red      |             |
| 54916BEUF   | 400 kcmil   | 775/24, 300/313 kcmil               | ½         | 1.25 (31.8) | 1.41 (35.8)         | 0.17 (4.3) | 0.96 (24.4) | 0.50 (12.7) | 76  | Blue     |             |
| 54917BEUF   | 400 kcmil   | 775/24, 300/313 kcmil               | ⅝         | 1.58 (40.1) | 1.41 (35.8)         | 0.17 (4.3) | 0.96 (24.4) | 0.63 (16.0) | 76  |          |             |
| 54918BEUF   | 500 kcmil   | 925/24, 350/373 kcmil<br>400 kcmil  | ½         | 1.25 (31.8) | 1.61 (40.9)         | 0.22 (5.6) | 1.10 (27.9) | 0.50 (12.7) | 87  | Brown    |             |
| 54919BEUF   | 500 kcmil   | 925/24, 350/373 kcmil<br>400 kcmil  | ⅝         | 1.58 (40.1) | 1.61 (40.9)         | 0.22 (5.6) | 1.10 (27.9) | 0.63 (16.0) | 87  |          |             |
| 54921BEUF   | 600 kcmil   | 1,100/24, 444 kcmil                 | ½         | 1.25 (31.8) | 1.75 (44.5)         | 0.24 (6.1) | 1.20 (30.5) | 0.50 (12.7) | 94  | Green    |             |
| 54920BEUF   | 600 kcmil   | 1,100/24, 444 kcmil                 | ⅝         | 1.58 (40.1) | 1.75 (44.5)         | 0.24 (6.1) | 1.20 (30.5) | 0.63 (16.0) | 94  |          |             |
| 54922BEUF   | 750 kcmil   | 1,325/24, 500/535 kcmil             | ½         | 1.25 (31.8) | 1.94 (49.3)         | 0.27 (6.9) | 1.33 (33.8) | 0.50 (12.7) | 106 | Black    |             |
| 54923BEUF   | 750 kcmil   | 1,325/24, 500/535 kcmil             | ⅝         | 1.58 (40.1) | 1.94 (49.3)         | 0.27 (6.9) | 1.33 (33.8) | 0.63 (16.0) | 106 |          |             |
| 58984BEUF   | –           | 1,600/24, 646 kcmil                 | ⅝         | 1.58 (40.1) | 1.94 (49.3)         | 0.27 (6.9) | 1.33 (33.8) | 0.63 (16.0) | 106 |          |             |
| 58926BEUF   | 900 kcmil   | 1,925/24, 777 kcmil                 | ⅝         | 1.58 (40.1) | 2.17 (55.1)         | 0.31 (7.9) | 1.50 (38.1) | 0.63 (16.0) | 115 | Yellow   |             |
| 54928BEUF   | 1,000 kcmil | –                                   | ⅝         | 1.58 (40.1) | 2.27 (57.7)         | 0.30 (7.6) | 1.55 (39.4) | 0.63 (16.0) | 125 | –        |             |
| 54928BEUF12 | 1,000 kcmil | –                                   | ⅞         | 1.83 (46.5) | 2.37 (60.2)         | 0.30 (7.6) | 1.55 (39.4) | 0.88 (22.4) | 125 |          |             |

Diagram



\* For installations from 16 kV up to 35 kV, consult shielded cable manufacturers for stress relief and insulation requirements. Call your regional sales office for sizes not listed.  
For tool and die selection charts, see the Tools, Dies and Kits catalogue.

## Compression connectors for copper conductors



Peep holes available – Add suffix PH

Material – High-conductivity wrought copper

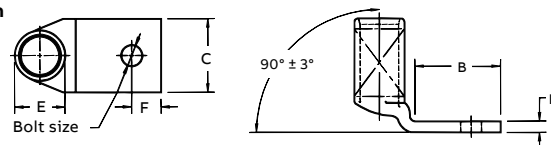
Finish – Electro tin plated



One-hole lugs – 90° Long barrel certified to 600 V and recommended up to 35 kV\*

| Cat no.     | Code cable  | Wire size                           |           | Dimensions in. (mm) |             |            |             |             |     | Die code | Colour code |
|-------------|-------------|-------------------------------------|-----------|---------------------|-------------|------------|-------------|-------------|-----|----------|-------------|
|             |             | Flex cable classes<br>G, H, I, K, M | Bolt size | B                   | C           | D          | E           | F           |     |          |             |
| 54929BEUB   | #8 AWG      | 37/24                               | #10       | 0.65 (16.5)         | 0.42 (10.7) | 0.08 (2.0) | 0.26 (6.6)  | 0.25 (6.4)  | 21  |          | Red         |
| 54930BEUB   | #8 AWG      | 37/24                               | ¼         | 0.65 (16.5)         | 0.42 (10.7) | 0.08 (2.0) | 0.26 (6.6)  | 0.25 (6.4)  | 21  |          | Red         |
| 54904BEUB   | #6 AWG      | #6 AWG, 61/24                       | #10       | 0.65 (16.5)         | 0.44 (11.2) | 0.08 (2.0) | 0.30 (7.6)  | 0.25 (6.4)  | 24  |          | Blue        |
| 54905BEUB   | #6 AWG      | #6 AWG, 61/24                       | ¼         | 0.65 (16.5)         | 0.44 (11.2) | 0.08 (2.0) | 0.30 (7.6)  | 0.25 (6.4)  | 24  |          | Blue        |
| 54908BEUB   | #4 AWG      | #5 AWG, 91/24                       | #10       | 0.65 (16.5)         | 0.52 (13.2) | 0.10 (2.5) | 0.37 (9.4)  | 0.25 (6.4)  | 29  |          | Grey        |
| 54806BEUB   | #4 AWG      | #5 AWG, 91/24                       | ¼         | 0.65 (16.5)         | 0.52 (13.2) | 0.10 (2.5) | 0.37 (9.4)  | 0.25 (6.4)  | 29  |          | Grey        |
| 54933BEUB   | #2–3 AWG    | 125/24                              | #10       | 0.65 (16.5)         | 0.59 (15.0) | 0.11 (2.8) | 0.41 (10.4) | 0.25 (6.4)  | 33  |          | Brown       |
| 54942BEUB   | #2–3 AWG    | 125/24                              | ⅜         | 0.88 (22.4)         | 0.59 (15.0) | 0.11 (2.8) | 0.41 (10.4) | 0.38 (9.7)  | 33  |          | Brown       |
| 54945BEUB   | #1 AWG      | #2 AWG, 150/24 – 175/24             | #10       | 0.65 (16.5)         | 0.68 (17.3) | 0.11 (2.8) | 0.47 (11.9) | 0.25 (6.4)  | 37  |          | Green       |
| 54947BEUB   | #1 AWG      | #2 AWG, 150/24 – 175/24             | ⅜         | 0.88 (22.4)         | 0.68 (17.3) | 0.11 (2.8) | 0.47 (11.9) | 0.38 (9.7)  | 37  |          | Green       |
| 54946BEUB   | 1/0 AWG     | #1 AWG, 225/24                      | #10       | 0.65 (16.5)         | 0.75 (19.1) | 0.13 (3.3) | 0.52 (13.2) | 0.25 (6.4)  | 42  |          | Pink        |
| 54949BEUB   | 1/0 AWG     | #1 AWG, 225/24                      | ⅜         | 0.88 (22.4)         | 0.75 (19.1) | 0.13 (3.3) | 0.52 (13.2) | 0.38 (9.7)  | 42  |          | Pink        |
| 54909BEUB   | 1/0 AWG     | #1 AWG, 225/24                      | ⅜         | 0.93 (23.6)         | 0.75 (19.1) | 0.13 (3.3) | 0.52 (13.2) | 0.38 (9.7)  | 42  |          | Pink        |
| 54950BEUB   | 1/0 AWG     | #1 AWG, 225/24                      | ½         | 1.25 (31.8)         | 0.75 (19.1) | 0.13 (3.3) | 0.52 (13.2) | 0.50 (12.7) | 42  |          | Pink        |
| 54910BEUB   | 2/0 AWG     | 1/0 AWG, 275/24                     | ⅜         | 0.93 (23.6)         | 0.83 (21.1) | 0.13 (3.3) | 0.57 (14.5) | 0.38 (9.7)  | 45  |          | Black       |
| 54951BEUB   | 2/0 AWG     | 1/0 AWG, 275/24                     | ½         | 1.25 (31.8)         | 0.83 (21.1) | 0.13 (3.3) | 0.57 (14.5) | 0.50 (12.7) | 45  |          | Black       |
| 54965BEUB   | 3/0 AWG     | 2/0 AWG – 325/24                    | ½         | 1.25 (31.8)         | 0.92 (23.4) | 0.13 (3.3) | 0.63 (16.0) | 0.50 (12.7) | 50  |          | Orange      |
| 54970BEUB04 | 4/0 AWG     | 3/0 AWG, 450/24, 3/0 Weld           | ⅜         | 1.00 (25.4)         | 1.03 (26.2) | 0.14 (3.6) | 0.70 (17.8) | 0.25 (6.4)  | 54  |          | Purple      |
| 54970BEUB06 | 4/0 AWG     | 3/0 AWG, 450/24, 3/0 Weld           | ⅜         | 1.13 (28.7)         | 1.03 (26.2) | 0.14 (3.6) | 0.70 (17.8) | 0.38 (9.7)  | 54  |          | Purple      |
| 54970BEUB   | 4/0 AWG     | 3/0 AWG, 450/24, 3/0 Weld           | ½         | 1.25 (31.8)         | 1.03 (26.2) | 0.14 (3.6) | 0.70 (17.8) | 0.50 (12.7) | 54  |          | Purple      |
| 54913BEUB   | 250 kcmil   | 550/24 – 4/0 AWG, 4/0 Weld          | ½         | 1.25 (31.8)         | 1.13 (28.7) | 0.14 (3.6) | 0.77 (19.6) | 0.50 (12.7) | 62  |          | Yellow      |
| 54914BEUB   | 300 kcmil   | 250 kcmil, 650/24 = 262 kcmil       | ½         | 1.25 (31.8)         | 1.25 (31.8) | 0.15 (3.8) | 0.85 (21.6) | 0.50 (12.7) | 66  |          | White       |
| 54915BEUB   | 350 kcmil   | 650/24, 262 kcmil                   | ½         | 1.25 (31.8)         | 1.36 (34.5) | 0.18 (4.6) | 0.93 (23.6) | 0.50 (12.7) | 71  |          | Red         |
| 54916BEUB   | 400 kcmil   | 775/24, 300/313 kcmil               | ½         | 1.58 (40.1)         | 1.41 (35.8) | 0.17 (4.3) | 0.96 (24.4) | 0.50 (12.7) | 76  |          | Blue        |
| 54917BEUB   | 400 kcmil   | 775/24, 300/313 kcmil               | ⅝         | 1.25 (31.8)         | 1.41 (35.8) | 0.17 (4.3) | 0.96 (24.4) | 0.63 (16.0) | 76  |          | Blue        |
| 54918BEUB   | 500 kcmil   | 925/24, 350/373 kcmil, 400 kcmil    | ½         | 1.58 (40.1)         | 1.61 (40.9) | 0.22 (5.6) | 1.10 (27.9) | 0.50 (12.7) | 87  |          | Brown       |
| 54919BEUB   | 500 kcmil   | 925/24, 350/373 kcmil, 400 kcmil    | ⅝         | 1.25 (31.8)         | 1.61 (40.9) | 0.22 (5.6) | 1.10 (27.9) | 0.63 (16.0) | 87  |          | Brown       |
| 54921BEUB   | 600 kcmil   | 1100/24, 444 kcmil                  | ½         | 1.58 (40.1)         | 1.75 (44.5) | 0.24 (6.1) | 1.20 (30.5) | 0.50 (12.7) | 94  |          | Green       |
| 54920BEUB   | 600 kcmil   | 1100/24, 444 kcmil                  | ⅝         | 1.25 (31.8)         | 1.75 (44.5) | 0.24 (6.1) | 1.20 (30.5) | 0.63 (16.0) | 94  |          | Green       |
| 54922BEUB   | 750 kcmil   | 1,325/24, 500/535 kcmil             | ½         | 1.25 (31.8)         | 1.94 (49.3) | 0.27 (6.9) | 1.33 (33.8) | 0.50 (12.7) | 106 |          | Black       |
| 54923BEUB   | 750 kcmil   | 1,325/24, 500/535 kcmil             | ⅝         | 1.58 (40.1)         | 1.94 (49.3) | 0.27 (6.9) | 1.33 (33.8) | 0.63 (16.0) | 106 |          | Black       |
| 58984BEUB   | –           | 1,600/24, 646 kcmil                 | ⅝         | 1.58 (40.1)         | 1.94 (49.3) | 0.27 (6.9) | 1.33 (33.8) | 0.63 (16.0) | 106 |          | Black       |
| 58926BEUB   | 900 kcmil   | 1,925/24, 777 kcmil                 | ⅝         | 1.58 (40.1)         | 2.17 (55.1) | 0.31 (7.9) | 1.50 (38.1) | 0.63 (16.0) | 115 |          | Yellow      |
| 54928BEUB   | 1,000 kcmil | –                                   | ⅝         | 1.58 (40.1)         | 2.27 (57.7) | 0.30 (7.6) | 1.55 (39.4) | 0.63 (16.0) | 125 |          | –           |
| 54928BEUB12 | 1,000 kcmil | –                                   | ⅞         | 1.58 (46.5)         | 2.37 (60.2) | 0.30 (7.6) | 1.55 (39.4) | 0.88 (22.4) | 125 |          | –           |

Diagram



\* For installations from 16 kV up to 35 kV, consult shielded cable manufacturers for stress relief and insulation requirements. Call your regional sales office for sizes not listed.  
For tool and die selection charts, see the Tools, Dies and Kits catalogue.

## Compression connectors for copper conductors



**Peep holes available – Add suffix PH**

**Material** – High-conductivity wrought copper

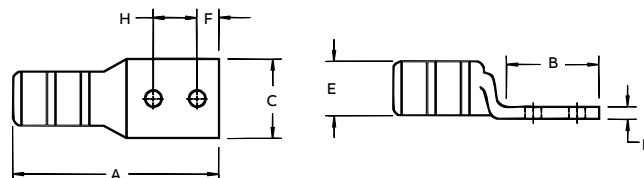
**Finish** – Electro tin plated



**Two-hole lugs – Long barrel certified to 600 V and recommended up to 35 kV<sup>v</sup>**

| Cat no.         | Code cable | Wire size          |           | Dimensions in. (mm) |             |             |             |             |             |                             | Die code | Colour code |
|-----------------|------------|--------------------|-----------|---------------------|-------------|-------------|-------------|-------------|-------------|-----------------------------|----------|-------------|
|                 |            | Flex cable classes | Bolt size | A                   | B           | C           | D           | E           | F           | H                           |          |             |
| 54801BE         | #14–10 AWG | –                  | ¼         | 1.86 (47.2)         | 1.19 (30.2) | 0.50 (12.7) | 0.05 (1.3)  | 0.20 (5.1)  | 0.25 (6.4)  | 0.63 (16.0)                 | ERG4002  | Yellow      |
| 256-31426-3     | #14–10 AWG |                    | #10       | 2.00 (50.8)         | 1.25 (31.2) | 0.37 (9.4)  | 0.07 (1.8)  | 0.20 (5.1)  | 0.25 (6.4)  | 0.63 (16.0)                 | ERG4002  |             |
| 256-31426-3SPH  | #14–10 AWG |                    | #10       | 2.00 (50.8)         | 1.25 (31.2) | 0.37 (9.4)  | 0.07 (1.8)  | 0.20 (5.1)  | 0.22 (5.6)  | 0.63 – 0.75 (16.0) – (19.1) | ERG4002  |             |
| 256-30695-1298  | #14–10 AWG |                    | ¼         | 1.89 (48.0)         | 1.22 (31.0) | 0.50 (12.7) | 0.05 (1.3)  | 0.20 (5.1)  | 0.25 (6.4)  | 0.63 (16.0)                 | ERG4002  |             |
| 256-30695-1730  | #14–10 AWG |                    | ¼         | 1.98 (50.3)         | 1.31 (33.3) | 0.50 (12.7) | 0.05 (1.3)  | 0.20 (5.1)  | 0.25 (6.4)  | 0.63 – 0.75 (16.0) – (19.1) | ERG4002  |             |
| 54850BE         | #8 AWG     | #8 AWG,            | ¼         | 2.19 (55.6)         | 1.89 (48.0) | 0.42 (10.7) | 0.07 (1.78) | 0.26 (6.6)  | 0.25 (6.4)  | 0.63 (16.0)                 | 21       | Red         |
| 54851BE         | #8 AWG     | #8 Weld            | ¼         | 2.31 (58.7)         | 1.29 (32.8) | 0.47 (11.9) | 0.06 (1.52) | 0.26 (6.6)  | 0.25 (6.4)  | 0.75 (19.1)                 | 21       |             |
| 256-30695-1157  | #8 AWG     | 37/24              | ¾         | 3.00 (76.2)         | 2.10 (53.3) | 0.56 (14.2) | 0.06 (1.52) | 0.26 (6.6)  | 0.38 (9.7)  | 1.00 (25.4)                 | 21       |             |
| 54852BE         | #6 AWG     | #6 AWG,            | ¼         | 2.28 (57.9)         | 1.28 (32.5) | 0.44 (11.1) | 0.08 (2.03) | 0.30 (7.6)  | 0.25 (6.4)  | 0.63 (16.0)                 | 24       | Blue        |
| 256-30695-1014  | #6 AWG     | 61/24,             | ¼         | 2.63 (66.8)         | 1.63 (41.4) | 0.43 (10.9) | 0.08 (2.03) | 0.30 (7.6)  | 0.25 (6.4)  | 1.00 (25.4)                 | 24       |             |
| 256-30695-1225  | #6 AWG     | #6 Weld            | ¼         | 2.43 (61.7)         | 1.43 (36.3) | 0.43 (10.9) | 0.08 (2.03) | 0.30 (7.6)  | 0.25 (6.4)  | 0.75 (19.1)                 | 24       |             |
| 256-30695-1158  | #6 AWG     |                    | ¾         | 2.93 (74.4)         | 1.93 (49.0) | 0.59 (14.9) | 0.06 (1.52) | 0.30 (7.6)  | 0.38 (9.7)  | 1.00 (25.4)                 | 24       |             |
| 256-30695-868   | #6 AWG     |                    | ½         | 4.18 (106.2)        | 3.00 (76.2) | 0.88 (22.4) | 0.11 (2.8)  | 0.30 (7.6)  | 0.50 (12.7) | 1.75 (44.5)                 | 24       | Grey        |
| 54854BE         | #4 AWG     | 91/24,             | ¼         | 2.31 (58.7)         | 1.19 (30.2) | 0.52 (13.1) | 0.10 (2.5)  | 0.37 (9.4)  | 0.25 (6.4)  | 0.63 (16.0)                 | 29       |             |
| 256-30695-1246  | #4 AWG     | #5 AWG,            | ¼         | 2.31 (54.1)         | 1.31 (33.3) | 0.56 (14.2) | 0.09 (2.3)  | 0.37 (9.4)  | 0.25 (6.4)  | 0.75 (19.1)                 | 29       |             |
| 256-30695-1015  | #4 AWG     | #4 Weld            | ¼         | 2.88 (73.2)         | 1.88 (47.8) | 0.58 (14.7) | 0.09 (2.3)  | 0.37 (9.4)  | 0.38 (9.7)  | 1.00 (25.4)                 | 29       |             |
| 256-30695-1337  | #4 AWG     |                    | ⅝         | 2.75 (69.9)         | 1.75 (44.5) | 0.56 (14.2) | 0.10 (2.5)  | 0.37 (9.4)  | 0.34 (8.4)  | 1.00 (25.4)                 | 29       |             |
| 256-30695-1159  | #4 AWG     |                    | ¾         | 3.13 (79.5)         | 1.98 (50.3) | 0.59 (14.9) | 0.09 (2.3)  | 0.37 (9.4)  | 0.38 (9.7)  | 1.00 (25.4)                 | 29       |             |
| 256-30695-733   | #4 AWG     |                    | ½         | 4.18 (106.2)        | 3.00 (76.2) | 0.88 (22.4) | 0.09 (2.3)  | 0.37 (9.4)  | 0.50 (12.7) | 1.75 (44.5)                 | 29       |             |
| 256-30695-1016* | #2–3 AWG   | #3 AWG,            | ¼         | 3.06 (77.7)         | 1.88 (47.8) | 0.67 (17.0) | 0.09 (2.3)  | 0.41 (10.4) | 0.38 (9.7)  | 1.00 (25.4)                 | 33       | Brown       |
| 54855BE         | #2–3 AWG   | 125/24             | ¼         | 2.43 (61.7)         | 1.28 (32.5) | 0.59 (14.9) | 0.11 (2.8)  | 0.41 (10.4) | 0.50 (12.7) | 0.63 (16.0)                 | 33       |             |
| 256-30695-1300  | #2–3 AWG   |                    | ¼         | 2.63 (66.8)         | 1.35 (34.3) | 0.68 (17.3) | 0.11 (2.8)  | 0.41 (10.4) | 0.25 (6.4)  | 0.75 (19.1)                 | 33       |             |
| 54856BE         | #2–3 AWG   |                    | ⅝         | 2.78 (70.6)         | 1.63 (41.4) | 0.59 (14.9) | 0.11 (2.8)  | 0.41 (10.4) | 0.38 (9.7)  | 0.75 (19.1)                 | 33       |             |
| 54810BE         | #2–3 AWG   |                    | ¾         | 3.80 (96.5)         | 2.57 (65.3) | 0.59 (14.9) | 0.11 (2.8)  | 0.41 (10.4) | 0.38 (9.7)  | 1.75 (44.5)                 | 33       |             |
| 256-30695-1160  | #2–3 AWG   |                    | ¾         | 3.08 (78.2)         | 1.94 (49.3) | 0.59 (14.9) | 0.11 (2.8)  | 0.41 (10.4) | 0.38 (9.7)  | 1.00 (25.4)                 | 33       |             |
| 256-30695-869   | #2–3 AWG   |                    | ½         | 4.02 (102.1)        | 2.88 (73.2) | 0.25 (6.4)  | 0.75 (19.1) | 0.41 (10.4) | 0.63 (16.0) | 1.75 (44.5)                 | 33       |             |
| 54811BE         | #2–3 AWG   |                    | ½         | 4.28 (108.7)        | 3.00 (76.2) | 0.88 (22.4) | 0.11 (2.8)  | 0.41 (10.4) | 0.50 (12.7) | 1.75 (44.5)                 | 33       |             |
| 54809BE         | #1 AWG     | #2 AWG             | ¼         | 2.88 (73.2)         | 1.19 (30.2) | 0.67 (17.0) | 0.11 (2.8)  | 0.47 (11.9) | 0.25 (6.4)  | 0.63 (16.0)                 | 37       | Green       |
| 54812BE         | #1 AWG     | 150/24             | ¼         | 2.75 (69.9)         | 1.40 (35.6) | 0.67 (17.0) | 0.11 (2.8)  | 0.47 (11.9) | 0.25 (6.4)  | 0.75 (19.1)                 | 37       |             |
| 54858BE         | #1 AWG     | 175/24             | ⅝         | 2.94 (75.4)         | 1.63 (41.4) | 0.67 (17.0) | 0.11 (2.8)  | 0.47 (11.9) | 0.38 (9.7)  | 0.88 (22.4)                 | 37       |             |
| 256-30695-1161  | #1 AWG     | #2 Weld            | ¾         | 3.30 (83.8)         | 1.98 (50.3) | 0.67 (17.0) | 0.11 (2.8)  | 0.47 (11.9) | 0.38 (9.7)  | 1.00 (25.4)                 | 37       |             |
| 54857BE         | #1 AWG     |                    | ½         | 4.43 (112.5)        | 3.00 (76.2) | 0.88 (22.4) | 0.11 (2.8)  | 0.47 (11.9) | 0.50 (12.7) | 1.75 (44.5)                 | 37       |             |

Diagram



\* CSA not applicable

<sup>v</sup> For installations from 16 kV up to 35 kV, consult shielded cable manufacturers for stress relief and insulation requirements. Call your regional sales office for sizes not listed. For tool and die selection charts, see the Tools, Dies and Kits catalogue.

## Compression connectors for copper conductors



Peep holes available – Add suffix PH

Material – High-conductivity wrought copper

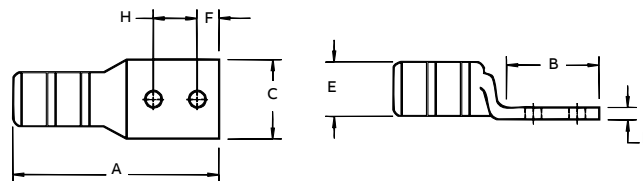
Finish – Electro tin plated



Two-hole lugs – Long barrel certified to 600 V and recommended up to 35 kV\* (continued)

| Cat no.         | Code cable | Wire size                           |           | Dimensions in. (mm) |             |             |            |             |             |             |    |        | Die code | Colour code |
|-----------------|------------|-------------------------------------|-----------|---------------------|-------------|-------------|------------|-------------|-------------|-------------|----|--------|----------|-------------|
|                 |            | Flex cable classes<br>G, H, I, K, M | Bolt size | A                   | B           | C           | D          | E           | F           | H           |    |        |          |             |
| 256-30695-1018  | 1/0 AWG    | #1 AWG,<br>225/24                   | ¼         | 3.63 (92.2)         | 1.88 (47.8) | 0.75 (19.0) | 0.13 (3.3) | 0.52 (13.2) | 0.38 (9.7)  | 1.00 (25.4) | 42 | Pink   |          |             |
| 256-30695-1018P | 1/0 AWG    |                                     | ¼         | 3.63 (92.2)         | 1.88 (47.8) | 0.75 (19.0) | 0.13 (3.3) | 0.52 (13.2) | 0.38 (9.7)  | 1.00 (25.4) | 42 |        |          |             |
| 54859BE         | 1/0 AWG    |                                     | ¼         | 2.63 (66.8)         | 1.19 (30.2) | 0.75 (19.0) | 0.13 (3.3) | 0.52 (13.2) | 0.25 (6.4)  | 0.63 (16.0) | 42 |        |          |             |
| 54813BE         | 1/0 AWG    |                                     | ¼         | 2.71 (68.8)         | 1.38 (35.1) | 0.75 (19.0) | 0.13 (3.3) | 0.52 (13.2) | 0.25 (6.4)  | 0.75 (19.1) | 42 |        |          |             |
| 54860BE         | 1/0 AWG    |                                     | 5/16      | 2.97 (75.4)         | 1.63 (41.4) | 0.75 (19.0) | 0.13 (3.3) | 0.52 (13.2) | 0.50 (12.7) | 0.88 (22.4) | 42 |        |          |             |
| 256-30695-1162P | 1/0 AWG    |                                     | ¾         | 3.25 (82.3)         | 1.98 (50.3) | 0.75 (19.0) | 0.13 (3.3) | 0.52 (13.2) | 0.38 (9.7)  | 1.00 (25.4) | 42 |        |          |             |
| 256-30695-1162  | 1/0 AWG    |                                     | ¾         | 3.23 (82.0)         | 1.93 (49.0) | 0.75 (19.0) | 0.13 (3.3) | 0.52 (13.2) | 0.38 (9.7)  | 1.00 (25.4) | 42 |        |          |             |
| 256-30695-593   | 1/0 AWG    |                                     | ½         | 4.33 (110.0)        | 3.00 (76.2) | 0.75 (19.0) | 0.13 (3.3) | 0.52 (13.2) | 0.63 (16.0) | 1.75 (44.5) | 42 |        |          |             |
| 54814BE         | 2/0 AWG    | 1/0 AWG,<br>1/0 Weld<br>275/24      | ¼         | 2.62 (66.5)         | 1.25 (31.8) | 0.83 (21.1) | 0.13 (3.3) | 0.57 (14.5) | 0.25 (6.4)  | 0.63 (16.0) | 45 | Black  |          |             |
| 256-30695-1299  | 2/0 AWG    |                                     | ¼         | 2.69 (68.3)         | 1.31 (33.3) | 0.81 (20.6) | 0.13 (3.3) | 0.57 (14.5) | 0.25 (6.4)  | 0.75 (19.1) | 45 |        |          |             |
| 256-30695-1116  | 2/0 AWG    |                                     | ¾         | 3.19 (81.0)         | 1.81 (46.0) | 0.83 (21.1) | 0.13 (3.3) | 0.57 (14.5) | 0.38 (9.7)  | 1.00 (25.4) | 45 |        |          |             |
| 256-30695-1116P | 2/0 AWG    |                                     | ¾         | 3.19 (81.0)         | 1.81 (46.0) | 0.83 (21.1) | 0.13 (3.3) | 0.57 (14.5) | 0.38 (9.7)  | 1.00 (25.4) | 45 |        |          |             |
| 54862BE         | 2/0 AWG    |                                     | ½         | 4.20 (106.7)        | 2.81 (71.4) | 0.83 (21.1) | 0.13 (3.3) | 0.57 (14.5) | 0.50 (12.7) | 1.75 (44.5) | 45 |        |          |             |
| 54815BE         | 3/0 AWG    | 2/0 AWG,<br>2/0 Weld<br>325/24      | ¼         | 2.89 (73.4)         | 1.45 (36.8) | 0.92 (23.4) | 0.13 (3.3) | 0.63 (16.0) | 0.25 (6.4)  | 0.75 (19.1) | 50 | Orange |          |             |
| 54816BE         | 3/0 AWG    |                                     | ¾         | 3.25 (82.6)         | 1.63 (41.4) | 0.92 (23.4) | 0.13 (3.3) | 0.63 (16.0) | 0.38 (9.7)  | 1.00 (25.4) | 50 |        |          |             |
| 54864BE         | 3/0 AWG    |                                     | ½         | 4.48 (113.8)        | 3.00 (76.2) | 0.94 (23.9) | 0.13 (3.3) | 0.63 (16.0) | 0.50 (12.7) | 1.75 (44.5) | 50 |        |          |             |
| 54817BE         | 4/0 AWG    | 3/0 AWG,<br>3/0 Weld<br>450/24      | ¼         | 3.15 (80.0)         | 1.38 (35.1) | 1.03 (33.0) | 0.14 (3.6) | 0.70 (17.8) | 0.25 (6.4)  | 0.75 (19.1) | 54 | Purple |          |             |
| 54818BE         | 4/0 AWG    |                                     | ¾         | 4.38 (111.3)        | 2.63 (66.8) | 1.03 (33.0) | 0.14 (3.6) | 0.70 (17.8) | 0.38 (9.7)  | 1.75 (44.5) | 54 |        |          |             |
| 256-30695-1117  | 4/0 AWG    |                                     | ¾         | 3.35 (85.1)         | 1.81 (46.0) | 1.03 (33.0) | 0.14 (3.6) | 0.70 (17.8) | 0.38 (9.7)  | 1.00 (25.4) | 54 |        |          |             |
| 256-30695-1117P | 4/0 AWG    |                                     | ¾         | 3.50 (88.9)         | 1.88 (47.8) | 1.03 (33.0) | 0.14 (3.6) | 0.70 (17.8) | 0.38 (9.7)  | 1.00 (25.4) | 54 |        |          |             |
| 54866BE         | 4/0 AWG    |                                     | ½         | 4.70 (119.4)        | 3.00 (76.2) | 1.03 (33.0) | 0.14 (3.6) | 0.70 (17.8) | 0.50 (12.7) | 1.75 (44.5) | 54 |        |          |             |
| 256-30695-1245  | 250 kcmil  | 4/0 AWG,<br>4/0 Weld<br>550/24      | ¾         | 3.83 (97.3)         | 1.93 (49.0) | 1.13 (28.7) | 0.14 (3.6) | 0.77 (19.6) | 0.38 (9.7)  | 1.00 (25.4) | 62 | Yellow |          |             |
| 256-30695-1245P | 250 kcmil  |                                     | ¾         | 3.83 (97.3)         | 1.93 (49.0) | 1.13 (28.7) | 0.14 (3.6) | 0.77 (19.6) | 0.38 (9.7)  | 1.00 (25.4) | 62 |        |          |             |
| 54868BE         | 250 kcmil  |                                     | ½         | 4.92 (125.0)        | 3.00 (76.2) | 1.13 (28.7) | 0.14 (3.6) | 0.77 (19.6) | 0.50 (12.7) | 1.75 (44.5) | 62 |        |          |             |
| 54819BE         | 300 kcmil  | 250 kcmil<br>650/24 =<br>262 kcmil  | ¾         | 5.04 (137.2)        | 2.80 (71.1) | 1.25 (31.8) | 0.15 (3.8) | 0.85 (21.6) | 0.38 (9.7)  | 1.00 (25.4) | 66 | White  |          |             |
| 54870BE         | 300 kcmil  |                                     | ½         | 5.23 (132.8)        | 3.00 (76.2) | 1.25 (31.8) | 0.15 (3.8) | 0.85 (21.6) | 0.50 (12.7) | 1.75 (44.5) | 66 |        |          |             |
| 54820BE         | 350 kcmil  | –                                   | ¼         | 4.29 (109.0)        | 1.93 (49.0) | 1.36 (34.5) | 0.18 (4.6) | 0.93 (23.6) | 0.25 (6.4)  | 1.75 (44.5) | 71 | Red    |          |             |
| 256-30695-1118  | 350 kcmil  |                                     | ¾         | 4.33 (110.0)        | 1.93 (49.0) | 1.36 (34.5) | 0.18 (4.6) | 0.93 (23.6) | 0.38 (9.7)  | 1.00 (25.4) | 71 |        |          |             |
| 256-30695-1118P | 350 kcmil  |                                     | ¾         | 4.33 (110.0)        | 1.93 (49.0) | 1.36 (34.5) | 0.18 (4.6) | 0.93 (23.6) | 0.38 (9.7)  | 1.00 (25.4) | 71 |        |          |             |
| 54872BE         | 350 kcmil  |                                     | ½         | 5.40 (137.2)        | 3.00 (76.2) | 1.36 (34.5) | 0.18 (4.6) | 0.93 (23.6) | 0.50 (12.7) | 1.75 (44.5) | 71 |        |          |             |

Diagram



\* For installations from 16 kV up to 35 kV, consult shielded cable manufacturers for stress relief and insulation requirements. Call your regional sales office for sizes not listed. For tool and die selection charts, see the Tools, Dies and Kits catalogue.

## Compression connectors for copper conductors



**Peep holes available – Add suffix PH**

**Material** – High-conductivity wrought copper

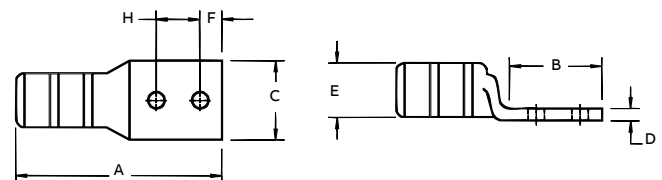
**Finish** – Electro tin plated



Two-hole lugs – Long barrel certified to 600 V and recommended up to 35 kV<sup>\*</sup> (continued)

| Cat no.         | Code cable  | Wire size                           |           | Dimensions in. (mm) |             |             |            |             |             |             |     | Die code | Colour code |
|-----------------|-------------|-------------------------------------|-----------|---------------------|-------------|-------------|------------|-------------|-------------|-------------|-----|----------|-------------|
|                 |             | Flex cable classes<br>G, H, I, K, M | Bolt size | A                   | B           | C           | D          | E           | F           | H           |     |          |             |
| 54822BE         | 400 kcmil   | 300 kcmil                           | ¼         | 4.38 (111.3)        | 1.93 (49.0) | 1.41 (35.8) | 0.17 (4.3) | 0.96 (24.4) | 0.25 (6.4)  | 0.75 (19.1) | 76  | Blue     |             |
| 54821BE         | 400 kcmil   | 775/24,<br>313 kcmil                | ⅜         | 4.43 (112.5)        | 1.93 (49.0) | 1.41 (35.8) | 0.17 (4.3) | 0.96 (24.4) | 0.38 (9.7)  | 1.00 (25.4) | 76  |          |             |
| 54874BE         | 400 kcmil   |                                     | ½         | 5.51 (140.0)        | 3.00 (76.2) | 1.41 (35.8) | 0.17 (4.3) | 0.96 (24.4) | 0.50 (12.7) | 1.75 (44.5) | 76  |          |             |
| 54823BE         | 500 kcmil   | 400 kcmil                           | ¼         | 4.93 (125.2)        | 1.94 (49.3) | 1.61 (40.9) | 0.22 (5.6) | 1.10 (27.9) | 0.25 (6.4)  | 0.75 (19.1) | 87  | Brown    |             |
| 256-30695-1119  | 500 kcmil   | 925/24<br>350/373 kcmil             | ⅜         | 5.00 (127.0)        | 1.93 (49.0) | 1.61 (40.9) | 0.22 (5.6) | 1.10 (27.9) | 0.38 (9.7)  | 1.00 (25.4) | 87  |          |             |
| 256-30695-1119P | 500 kcmil   |                                     | ⅜         | 5.00 (127.0)        | 1.93 (49.0) | 1.61 (40.9) | 0.22 (5.6) | 1.10 (27.9) | 0.38 (9.7)  | 1.00 (25.4) | 87  |          |             |
| 54876BE         | 500 kcmil   |                                     | ½         | 6.00 (152.4)        | 3.00 (76.2) | 1.61 (40.9) | 0.22 (5.6) | 1.10 (27.9) | 0.50 (12.7) | 1.75 (44.5) | 87  |          |             |
| 54824BE         | 600 kcmil   | 1100/24,<br>444 kcmil               | ⅜         | 5.70 (144.8)        | 2.80 (71.1) | 1.75 (44.5) | 0.24 (6.1) | 1.20 (30.5) | 0.38 (9.7)  | 1.00 (25.4) | 94  | Green    |             |
| 54878BE         | 600 kcmil   |                                     | ½         | 5.83 (148.1)        | 3.00 (76.2) | 1.75 (44.5) | 0.24 (6.1) | 1.20 (30.5) | 0.50 (12.7) | 1.75 (44.5) | 94  |          |             |
| 54879BE         | 700 kcmil   | 1,325/24, 535 kcmil                 | ½         | 5.83 (148.1)        | 3.00 (76.2) | 1.80 (45.7) | 0.24 (6.1) | 1.25 (31.8) | 0.50 (12.7) | 1.75 (44.5) | 99  | Pink     |             |
| 256-30695-1222  | 750 kcmil   | 1325/24,<br>535 kcmil               | ⅜         | 5.25 (133.4)        | 2.06 (52.3) | 1.94 (49.3) | 0.27 (6.7) | 1.33 (33.8) | 0.50 (12.7) | 1.00 (25.4) | 106 | Black    |             |
| 256-30695-1222P | 750 kcmil   |                                     | ⅜         | 5.25 (133.4)        | 2.06 (52.3) | 1.94 (49.3) | 0.27 (6.7) | 1.33 (33.8) | 0.50 (12.7) | 1.00 (25.4) | 106 |          |             |
| 54880BE         | 750 kcmil   |                                     | ½         | 6.20 (157.5)        | 3.00 (76.2) | 1.94 (49.3) | 0.27 (6.9) | 1.33 (33.8) | 0.50 (12.7) | 1.75 (44.5) | 106 |          |             |
| 58884BE         | –           | 1,600/24, 646 kcmil                 | ½         | 6.16 (156.5)        | 3.00 (76.2) | 1.94 (49.3) | 0.27 (6.9) | 1.33 (33.8) | 0.50 (12.7) | 1.75 (44.5) | 106 | Yellow   |             |
| 58826BE         | 900 kcmil   | 1,925/24, 777 kcmil                 | ½         | 6.74 (171.2)        | 3.00 (76.2) | 2.18 (55.4) | 0.31 (7.9) | 1.50 (38.1) | 0.50 (12.7) | 1.75 (44.5) | 115 |          |             |
| 54826BE         | 1,000 kcmil | –                                   | ⅜         | 6.49 (164.8)        | 2.80 (71.1) | 2.27 (57.7) | 0.30 (7.6) | 1.55 (39.4) | 0.38 (9.7)  | 1.00 (25.4) | 125 |          | –           |
| 54882BE         | 1,000 kcmil |                                     | ½         | 6.66 (169.2)        | 3.00 (76.2) | 2.27 (57.7) | 0.30 (7.6) | 1.55 (39.4) | 0.38 (9.7)  | 1.75 (44.5) | 125 | –        |             |
| 54888BE         | 1,250 kcmil |                                     | ½         | 7.88 (200.2)        | 3.00 (76.2) | 2.42 (61.5) | 0.35 (8.9) | 1.67 (42.4) | 0.63 (16.0) | 1.75 (44.5) | 140 |          |             |

Diagram



<sup>\*</sup> For installations from 16 kV up to 35 kV, consult shielded cable manufacturers for stress relief and insulation requirements. Call your regional sales office for sizes not listed. For tool and die selection charts, see the Tools, Dies and Kits catalogue.

## Compression connectors for copper conductors



Peep holes available – Add suffix PH

Material – High-conductivity wrought copper

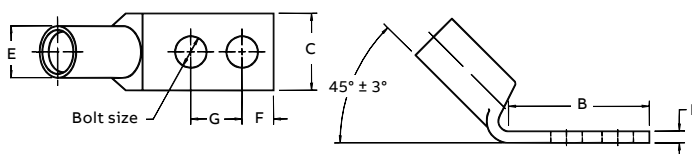
Finish – Electro tin plated



Two-hole lugs – 45° Long barrel certified to 600 V and recommended up to 35 kV\*

| Cat no.          | Code cable | Wire size                           |           | Dimensions in. (mm) |             |            |             |             |                           |         | Die code | Colour code |
|------------------|------------|-------------------------------------|-----------|---------------------|-------------|------------|-------------|-------------|---------------------------|---------|----------|-------------|
|                  |            | Flex cable classes<br>G, H, I, K, M | Bolt size | B                   | C           | D          | E           | F           | G                         |         |          |             |
| 256-31426-3SPHUF | #14–10 AWG | –                                   | #10       | 1.25 (31.75)        | 0.37 (9.4)  | 0.07 (1.8) | 0.20 (5.1)  | 0.22 (5.6)  | 0.50 – 0.63 (12.7 – 16.0) | ERG2002 |          | Yellow      |
| 256-30695-1298UF | #14–10 AWG |                                     | ¼         | 1.22 (31.0)         | 0.50 (12.7) | 0.05 (1.3) | 0.20 (5.1)  | 0.25 (6.4)  | 0.63 (16.0)               | ERG2002 |          | Yellow      |
| 54850BEUF        | #8 AWG     | #8 AWG                              | ¼         | 1.89 (48.0)         | 0.42 (10.7) | 0.07 (1.8) | 0.26 (6.6)  | 0.25 (6.4)  | 0.63 (16.0)               | 21      |          | Red         |
| 54851BEUF        | #8 AWG     | 37/24                               | ¼         | 1.29 (32.8)         | 0.47 (11.9) | 0.06 (1.5) | 0.26 (6.6)  | 0.25 (6.4)  | 0.75 (19.1)               | 21      |          | Red         |
| 54851BEUF0612    | #8 AWG     | #8 Weld                             | ¾         | 1.42 (36.1)         | 0.47 (11.9) | 0.06 (1.5) | 0.26 (6.6)  | 0.38 (9.7)  | 0.75 (19.1)               | 21      |          | Red         |
| 54852BEUF        | #6 AWG     | #6 AWG                              | ¼         | 1.28 (32.5)         | 0.44 (11.2) | 0.08 (2.0) | 0.30 (7.6)  | 0.25 (6.4)  | 0.63 (16.0)               | 24      |          | Blue        |
| 54852BEUF0416    | #6 AWG     | 61/24                               | ¼         | 1.63 (41.4)         | 0.43 (10.9) | 0.08 (2.0) | 0.30 (7.6)  | 0.25 (6.4)  | 1.00 (25.4)               | 24      |          | Blue        |
| 54852BEUF0412    | #6 AWG     | #6 Weld                             | ¼         | 1.43 (36.3)         | 0.43 (10.9) | 0.08 (2.0) | 0.30 (7.6)  | 0.25 (6.4)  | 0.75 (19.1)               | 24      |          | Blue        |
| 54852BEUF0616    | #6 AWG     |                                     | ¾         | 1.93 (49.0)         | 0.59 (15.0) | 0.06 (1.5) | 0.30 (7.6)  | 0.38 (9.7)  | 1.00 (25.4)               | 24      |          | Blue        |
| 54852BEUF0828    | #6 AWG     |                                     | ½         | 3.00 (76.2)         | 0.88 (22.4) | 0.11 (2.8) | 0.30 (7.6)  | 0.50 (12.7) | 1.75 (44.5)               | 24      |          | Blue        |
| 54854BEUF        | #4 AWG     | #5 AWG                              | ¼         | 1.19 (30.2)         | 0.52 (13.2) | 0.10 (2.5) | 0.37 (9.4)  | 0.25 (6.4)  | 0.63 (16.0)               | 29      |          | Grey        |
| 54854BEUF0412    | #4 AWG     | 91/24                               | ¼         | 1.31 (33.3)         | 0.56 (14.2) | 0.09 (2.3) | 0.37 (9.4)  | 0.25 (6.4)  | 0.75 (19.1)               | 29      |          | Grey        |
| 54854BEUF0416    | #4 AWG     | #4 Weld                             | ¼         | 1.88 (47.8)         | 0.58 (14.7) | 0.09 (2.3) | 0.37 (9.4)  | 0.38 (9.7)  | 1.00 (25.4)               | 29      |          | Grey        |
| 54854BEUF0516    | #4 AWG     |                                     | ⅝         | 1.75 (44.5)         | 0.56 (14.2) | 0.10 (2.5) | 0.37 (9.4)  | 0.63 (16.0) | 1.00 (25.4)               | 29      |          | Grey        |
| 54854BEUF0616    | #4 AWG     |                                     | ¾         | 1.98 (50.3)         | 0.59 (15.0) | 0.09 (2.3) | 0.37 (9.4)  | 0.38 (9.7)  | 1.00 (25.4)               | 29      |          | Grey        |
| 54854BEUF0828    | #4 AWG     |                                     | ½         | 3.00 (76.2)         | 0.88 (22.4) | 0.09 (2.3) | 0.37 (9.4)  | 0.50 (12.7) | 1.75 (44.5)               | 29      |          | Grey        |
| 54855BEUF0416    | #2–3 AWG   | #3 AWG                              | ¼         | 1.88 (47.8)         | 0.67 (17.0) | 0.09 (2.3) | 0.41 (10.4) | 0.38 (9.7)  | 1.00 (25.4)               | 33      |          | Brown       |
| 54855BEUF        | #2–3 AWG   | 125/24                              | ¼         | 1.28 (32.5)         | 0.59 (15.0) | 0.11 (2.8) | 0.41 (10.4) | 0.25 (6.4)  | 0.63 (16.0)               | 33      |          | Brown       |
| 54855BEUF0412    | #2–3 AWG   |                                     | ¼         | 1.35 (34.3)         | 0.68 (17.3) | 0.11 (2.8) | 0.41 (10.4) | 0.25 (6.4)  | 0.75 (19.1)               | 33      |          | Brown       |
| 54856BEUF        | #2–3 AWG   |                                     | ⅝         | 1.63 (41.4)         | 0.59 (15.0) | 0.11 (2.8) | 0.41 (10.4) | 0.38 (9.7)  | 0.75 (19.1)               | 33      |          | Brown       |
| 54810BEUF        | #2–3 AWG   |                                     | ¾         | 2.57 (65.3)         | 0.59 (15.0) | 0.11 (2.8) | 0.41 (10.4) | 0.38 (9.7)  | 1.75 (44.5)               | 33      |          | Brown       |
| 54810BEUF0616    | #2–3 AWG   |                                     | ¾         | 1.94 (49.3)         | 0.59 (15.0) | 0.11 (2.8) | 0.41 (10.4) | 0.38 (9.7)  | 1.00 (25.4)               | 33      |          | Brown       |
| 54811BEUF        | #2–3 AWG   |                                     | ½         | 3.00 (76.2)         | 0.88 (22.4) | 0.11 (2.8) | 0.41 (10.4) | 0.50 (12.7) | 1.75 (44.5)               | 33      |          | Brown       |
| 54809BEUF        | #1 AWG     | #2 AWG                              | ¼         | 1.19 (30.2)         | 0.67 (17.0) | 0.11 (2.8) | 0.47 (11.9) | 0.25 (6.4)  | 0.63 (16.0)               | 37      |          | Green       |
| 54812BEUF        | #1 AWG     | 150/24                              | ¼         | 1.40 (35.6)         | 0.67 (17.0) | 0.11 (2.8) | 0.47 (11.9) | 0.25 (6.4)  | 0.75 (19.1)               | 37      |          | Green       |
| 54858BEUF        | #1 AWG     | 175/24                              | ⅝         | 1.63 (41.4)         | 0.67 (17.0) | 0.11 (2.8) | 0.47 (11.9) | 0.63 (16.0) | 0.88 (22.4)               | 37      |          | Green       |
| 54857BEUF0616    | #1 AWG     | #2 Weld                             | ¾         | 1.98 (50.3)         | 0.67 (17.0) | 0.11 (2.8) | 0.47 (11.9) | 0.38 (9.7)  | 1.00 (25.4)               | 37      |          | Green       |
| 54857BEUF        | #1 AWG     |                                     | ½         | 3.00 (76.2)         | 0.88 (22.4) | 0.11 (2.8) | 0.47 (11.9) | 0.50 (12.7) | 1.75 (44.5)               | 37      |          | Green       |

Diagram



\* For installations from 16 kV up to 35 kV, consult shielded cable manufacturers for stress relief and insulation requirements. Call your regional sales office for sizes not listed. For tool and die selection charts, see the Tools, Dies and Kits catalogue.

## Compression connectors for copper conductors



**Peep holes available – Add suffix PH**

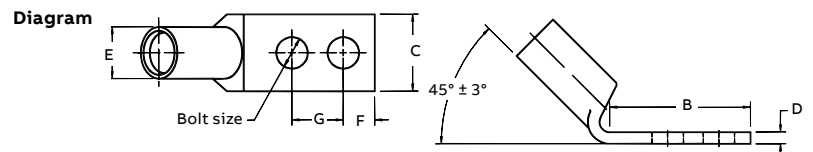
**Material** – High-conductivity wrought copper

**Finish** – Electro tin plated



Two-hole lugs – 45° Long barrel certified to 600 V and recommended up to 35 kV\* (continued)

| Wire size       |            |                                     |           | Dimensions in. (mm) |             |            |             |             |             |    | Die code | Colour code |
|-----------------|------------|-------------------------------------|-----------|---------------------|-------------|------------|-------------|-------------|-------------|----|----------|-------------|
| Cat no.         | Code cable | Flex cable classes<br>G, H, I, K, M | Bolt size | B                   | C           | D          | E           | F           | G           |    |          |             |
| 54859BEUF0416   | 1/0 AWG    | 1 AWG<br>225/24                     | ¼         | 1.88 (47.8)         | 0.75 (19.1) | 0.13 (3.3) | 0.52 (13.2) | 0.38 (9.7)  | 1.00 (25.4) | 42 | Pink     |             |
| 54859BEUF0416PH | 1/0 AWG    |                                     | ¼         | 1.88 (47.8)         | 0.75 (19.1) | 0.13 (3.3) | 0.52 (13.2) | 0.38 (9.7)  | 1.00 (25.4) | 42 |          |             |
| 54859BEUF       | 1/0 AWG    |                                     | ¼         | 1.19 (30.2)         | 0.75 (19.1) | 0.13 (3.3) | 0.52 (13.2) | 0.25 (6.4)  | 0.38 (9.7)  | 42 |          |             |
| 54813BEUF       | 1/0 AWG    |                                     | ¼         | 1.38 (35.1)         | 0.75 (19.1) | 0.13 (3.3) | 0.52 (13.2) | 0.25 (6.4)  | 0.75 (19.1) | 42 |          |             |
| 54860BEUF       | 1/0 AWG    |                                     | ⅝         | 1.63 (41.4)         | 0.75 (19.1) | 0.13 (3.3) | 0.52 (13.2) | 0.38 (9.7)  | 0.88 (22.4) | 42 |          |             |
| 54860BEUF0616   | 1/0 AWG    |                                     | ¾         | 1.98 (50.3)         | 0.75 (19.1) | 0.13 (3.3) | 0.52 (13.2) | 0.38 (9.7)  | 1.00 (25.4) | 42 |          |             |
| 54860BEUF0616PH | 1/0 AWG    |                                     | ¾         | 1.93 (49.0)         | 0.75 (19.1) | 0.13 (3.3) | 0.52 (13.2) | 0.38 (9.7)  | 1.00 (25.4) | 42 |          |             |
| 54860BEUF0828   | 1/0 AWG    |                                     | ½         | 3.00 (76.0)         | 0.75 (19.1) | 0.13 (3.3) | 0.52 (13.2) | 0.63 (16.0) | 1.75 (44.5) | 42 |          |             |
| 54814BEUF       | 2/0 AWG    | 1/0 AWG<br>275/24<br>1/0 Weld       | ¼         | 1.25 (31.8)         | 0.83 (21.1) | 0.13 (3.3) | 0.57 (14.5) | 0.25 (6.4)  | 0.63 (16.0) | 45 | Black    |             |
| 54814BEUF0412   | 2/0 AWG    |                                     | ¼         | 1.31 (33.3)         | 0.81 (20.6) | 0.13 (3.3) | 0.57 (14.5) | 0.25 (6.4)  | 0.75 (19.1) | 45 |          |             |
| 54862BEUF0616   | 2/0 AWG    |                                     | ¾         | 1.81 (46.0)         | 0.83 (21.1) | 0.13 (3.3) | 0.57 (14.5) | 0.38 (9.7)  | 1.00 (25.4) | 45 |          |             |
| 54862BEUF0616PH | 2/0 AWG    |                                     | ¾         | 1.81 (46.0)         | 0.83 (21.1) | 0.13 (3.3) | 0.57 (14.5) | 0.38 (9.7)  | 1.00 (25.4) | 45 |          |             |
| 54862BEUF       | 2/0 AWG    |                                     | ½         | 2.81 (71.4)         | 0.83 (21.1) | 0.13 (3.3) | 0.57 (14.5) | 0.50 (12.7) | 1.75 (44.5) | 45 |          |             |
| 54815BEUF       | 3/0 AWG    | 2/0 AWG<br>325/24<br>2/0 Weld       | ¼         | 1.45 (36.8)         | 0.92 (23.4) | 0.13 (3.3) | 0.63 (16.0) | 0.25 (6.4)  | 0.75 (19.1) | 50 | Orange   |             |
| 54816BEUF       | 3/0 AWG    |                                     | ¾         | 0.63 (41.4)         | 0.92 (23.4) | 0.13 (3.3) | 0.63 (16.0) | 0.38 (9.7)  | 1.00 (25.4) | 50 |          |             |
| 54864BEUF       | 3/0 AWG    |                                     | ½         | 3.00 (76.2)         | 0.94 (23.9) | 0.13 (3.3) | 0.63 (16.0) | 0.50 (12.7) | 1.75 (44.5) | 50 |          |             |
| 54817BEUF       | 4/0 AWG    | 3/0 AWG<br>450/24<br>3/0 Weld       | ¼         | 1.38 (35.1)         | 1.03 (33.0) | 0.14 (3.6) | 0.70 (17.8) | 0.25 (6.4)  | 0.75 (19.1) | 54 | Purple   |             |
| 54818BEUF       | 4/0 AWG    |                                     | ¾         | 2.63 (66.8)         | 1.03 (33.0) | 0.14 (3.6) | 0.70 (17.8) | 0.38 (9.7)  | 1.75 (44.5) | 54 |          |             |
| 54818BEUF0616   | 4/0 AWG    |                                     | ¾         | 1.81 (46.0)         | 1.03 (33.0) | 0.14 (3.6) | 0.70 (17.8) | 0.38 (9.7)  | 1.00 (25.4) | 54 |          |             |
| 54818BEUF0616PH | 4/0 AWG    |                                     | ¾         | 1.88 (47.8)         | 1.03 (33.0) | 0.14 (3.6) | 0.70 (17.8) | 0.38 (9.7)  | 1.00 (25.4) | 54 |          |             |
| 54866BEUF       | 4/0 AWG    |                                     | ½         | 3.00 (76.2)         | 1.03 (33.0) | 0.14 (3.6) | 0.70 (17.8) | 0.50 (12.7) | 1.75 (44.5) | 54 |          |             |
| 54868BEUF0616   | 250 kcmil  | 4/0 AWG<br>550/24<br>4/0 Weld       | ¾         | 1.93 (49.0)         | 1.13 (28.7) | 0.14 (3.6) | 0.77 (19.6) | 0.38 (9.7)  | 1.00 (25.4) | 62 | Yellow   |             |
| 54868BEUF0616PH | 250 kcmil  |                                     | ¾         | 1.93 (49.0)         | 1.13 (28.7) | 0.14 (3.6) | 0.77 (19.6) | 0.38 (9.7)  | 1.00 (25.4) | 62 |          |             |
| 54868BEUF       | 250 kcmil  |                                     | ½         | 3.00 (76.2)         | 1.13 (28.7) | 0.14 (3.6) | 0.77 (19.6) | 0.50 (12.7) | 1.75 (44.5) | 62 |          |             |
| 54819BEUF       | 300 kcmil  | 250 kcmil<br>650/24 = 262 kcmil     | ¾         | 2.80 (71.1)         | 1.25 (31.8) | 0.15 (3.8) | 0.85 (21.6) | 0.38 (9.7)  | 1.00 (25.4) | 66 | White    |             |
| 54870BEUF       | 300 kcmil  |                                     | ½         | 3.00 (76.2)         | 1.25 (31.8) | 0.15 (3.8) | 0.85 (21.6) | 0.50 (12.7) | 1.75 (44.5) | 66 |          |             |
| 54820BEUF       | 350 kcmil  | 650/24<br>262 kcmil                 | ¼         | 1.93 (49.0)         | 1.36 (34.5) | 0.18 (4.6) | 0.93 (23.6) | 0.25 (6.4)  | 0.75 (19.1) | 71 | Red      |             |
| 54872BEUF0616   | 350 kcmil  |                                     | ¾         | 1.93 (49.0)         | 1.36 (34.5) | 0.18 (4.6) | 0.93 (23.6) | 0.38 (9.7)  | 1.00 (25.4) | 71 |          |             |
| 54872BEUF0616PH | 350 kcmil  |                                     | ¾         | 1.93 (49.0)         | 1.36 (34.5) | 0.18 (4.6) | 0.93 (23.6) | 0.38 (9.7)  | 1.00 (25.4) | 71 |          |             |
| 54872BEUF       | 350 kcmil  |                                     | ½         | 3.00 (76.2)         | 1.36 (34.5) | 0.18 (4.6) | 0.93 (23.6) | 0.50 (12.7) | 1.75 (44.5) | 71 |          |             |



\* For installations from 16 kV up to 35 kV, consult shielded cable manufacturers for stress relief and insulation requirements. Call your regional sales office for sizes not listed. For tool and die selection charts, see the Tools, Dies and Kits catalogue.

## Compression connectors for copper conductors



**Peep holes available – Add suffix PH**

**Material** – High-conductivity wrought copper

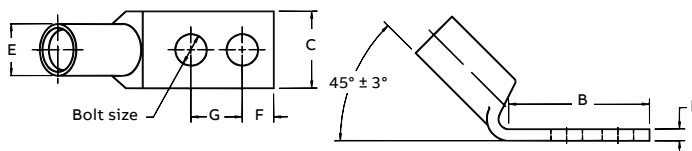
**Finish** – Electro tin plated



Two-hole lugs – 45° Long barrel certified to 600 V and recommended up to 35 kV\* (continued)

| Cat no.         | Code cable  | Wire size                           |           | Dimensions in. (mm) |             |            |             |             |             |     | Die code | Colour code |
|-----------------|-------------|-------------------------------------|-----------|---------------------|-------------|------------|-------------|-------------|-------------|-----|----------|-------------|
|                 |             | Flex cable classes<br>G, H, I, K, M | Bolt size | B                   | C           | D          | E           | F           | G           |     |          |             |
| 54822BEUF       | 400 kcmil   | 775/24                              | ¼         | 1.93 (49.0)         | 1.41 (35.8) | 0.17 (4.3) | 0.96 (24.4) | 0.25 (6.4)  | 0.75 (19.1) | 76  |          | Blue        |
| 54821BEUF       | 400 kcmil   | 313 kcmil                           | ¾         | 1.93 (49.0)         | 1.41 (35.8) | 0.17 (4.3) | 0.96 (24.4) | 0.38 (9.7)  | 1.00 (25.4) | 76  |          |             |
| 54874BEUF       | 400 kcmil   |                                     | ½         | 3.00 (76.2)         | 1.41 (35.8) | 0.17 (4.3) | 0.96 (24.4) | 0.50 (12.7) | 1.75 (44.5) | 76  |          |             |
| 54823BEUF       | 500 kcmil   | 400 kcmil                           | ¼         | 1.93 (49.0)         | 1.61 (40.9) | 0.22 (5.6) | 1.10 (27.9) | 0.25 (6.4)  | 0.75 (19.1) | 87  |          | Brown       |
| 54876BEUF0616   | 500 kcmil   | 925/24                              | ¾         | 1.93 (49.0)         | 1.61 (40.9) | 0.22 (5.6) | 1.10 (27.9) | 0.38 (9.7)  | 1.00 (25.4) | 87  |          |             |
| 54876BEUF0616PH | 500 kcmil   | 350/373 kcmil                       | ¾         | 1.93 (49.0)         | 1.61 (40.9) | 0.22 (5.6) | 1.10 (27.9) | 0.38 (9.7)  | 1.00 (25.4) | 87  |          |             |
| 54876BEUF       | 500 kcmil   |                                     | ½         | 3.00 (76.2)         | 1.61 (40.9) | 0.22 (5.6) | 1.10 (27.9) | 0.50 (12.7) | 1.75 (44.5) | 87  |          |             |
| 54824BEUF       | 600 kcmil   | 1,100/24                            | ¾         | 2.80 (71.1)         | 1.75 (44.5) | 0.24 (6.1) | 1.20 (27.9) | 0.38 (9.7)  | 1.00 (25.4) | 94  |          | Green       |
| 54878BEUF       | 600 kcmil   | 444 kcmil                           | ½         | 3.00 (76.2)         | 1.75 (44.5) | 0.24 (6.1) | 1.20 (27.9) | 0.50 (12.7) | 1.75 (44.5) | 94  |          |             |
| 54880BEUF0616   | 750 kcmil   | 1,325/24                            | ¾         | 2.06 (52.3)         | 1.94 (49.3) | 0.27 (6.9) | 1.33 (33.8) | 0.50 (12.7) | 1.00 (25.4) | 106 |          | Black       |
| 54880BEUF0616PH | 750 kcmil   | 535 kcmil                           | ¾         | 2.06 (52.3)         | 1.94 (49.3) | 0.27 (6.9) | 1.33 (33.8) | 0.50 (12.7) | 1.00 (25.4) | 106 |          |             |
| 54880BEUF       | 750 kcmil   |                                     | ½         | 3.00 (76.2)         | 1.94 (49.3) | 0.27 (6.9) | 1.33 (33.8) | 0.50 (12.7) | 1.75 (44.5) | 106 |          |             |
| 58884BEUF       | –           | 1,600/24,<br>646 kcmil              | ½         | 3.00 (76.2)         | 1.94 (49.3) | 0.27 (6.9) | 1.33 (33.8) | 0.50 (12.7) | 1.75 (44.5) | 106 |          | Yellow      |
| 58826BEUF       | 900 kcmil   | 1,925/24<br>750/777 kcmil           | ½         | 3.00 (76.2)         | 2.18 (55.4) | 0.31 (7.9) | 1.50 (38.1) | 0.50 (12.7) | 1.75 (44.5) | 115 |          |             |
| 54826BEUF       | 1,000 kcmil | –                                   | ¾         | 2.80 (71.1)         | 2.27 (57.7) | 0.30 (7.6) | 1.55 (39.4) | 0.38 (9.7)  | 1.00 (25.4) | 125 |          | –           |
| 54882BEUF       | 1,000 kcmil |                                     | ½         | 3.00 (76.2)         | 2.27 (57.7) | 0.30 (7.6) | 1.55 (39.4) | 0.50 (12.7) | 1.75 (44.5) | 125 |          |             |

Diagram



\* For installations from 16 kV up to 35 kV, consult shielded cable manufacturers for stress relief and insulation requirements. Call your regional sales office for sizes not listed. For tool and die selection charts, see the Tools, Dies and Kits catalogue.

## Compression connectors for copper conductors



**Peep holes available – Add suffix PH**

**Material** – High-conductivity wrought copper

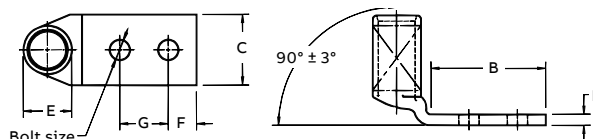
**Finish** – Electro tin plated



Two-hole lugs – 90° Long barrel certified to 600 V and recommended up to 35 kV\*

| Cat no.         | Code    | Flex cable classes<br>G, H, I, K, M | Wire size<br>Bolt size | Dimensions in. (mm) |             |            |             |             |                       | Die code | Colour code |
|-----------------|---------|-------------------------------------|------------------------|---------------------|-------------|------------|-------------|-------------|-----------------------|----------|-------------|
|                 |         |                                     |                        | B                   | C           | D          | E           | F           | G                     |          |             |
| 54850BEUB       | #8 AWG  | #8 AWG 37/24                        | 1/4                    | 1.89 (48.0)         | 0.42 (10.7) | 0.07 (1.8) | 0.26 (6.6)  | 0.21 (5.3)  | 0.63–0.75 (16.0–19.1) | 21       | Red         |
| 54851BEUB       | #8 AWG  | #8 Weld                             | 1/4                    | 0.29 (32.8)         | 0.47 (11.9) | 0.06 (1.5) | 0.26 (6.6)  | 0.25 (6.4)  | 0.75 (19.1)           | 21       |             |
| 54851BEUB0616   | #8 AWG  |                                     | 3/8                    | 2.10 (53.3)         | 0.56 (14.2) | 0.06 (1.5) | 0.26 (6.6)  | 0.38 (9.7)  | 1.00 (25.4)           | 21       |             |
| 54852BEUB       | #6 AWG  | #6 AWG 61/24                        | 1/4                    | 1.28 (32.5)         | 0.44 (11.2) | 0.08 (2.0) | 0.30 (7.6)  | 0.25 (6.4)  | 0.63 (16.0)           | 24       | Blue        |
| 54852BEUB0412   | #6 AWG  | #6 Weld                             | 1/4                    | 1.43 (36.3)         | 0.43 (10.9) | 0.08 (2.0) | 0.30 (7.6)  | 0.25 (6.4)  | 0.75 (19.1)           | 24       |             |
| 54852BEUB0616   | #6 AWG  |                                     | 3/8                    | 1.93 (49.0)         | 0.59 (15.0) | 0.06 (1.5) | 0.30 (7.6)  | 0.38 (9.7)  | 1.00 (25.4)           | 24       |             |
| 54852BEUB0828   | #6 AWG  |                                     | 1/2                    | 3.00 (76.2)         | 0.88 (22.4) | 0.11 (2.8) | 0.30 (7.6)  | 0.50 (12.7) | 1.75 (44.5)           | 24       | Grey        |
| 54854BEUB       | #4 AWG  | #5 AWG 91/24                        | 1/4                    | 1.19 (30.2)         | 0.52 (13.2) | 0.10 (2.5) | 0.37 (9.4)  | 0.25 (6.4)  | 0.63 (16.0)           | 29       |             |
| 54854BEUB0412   | #4 AWG  | #4 Weld                             | 1/4                    | 1.31 (33.3)         | 0.56 (14.2) | 0.09 (2.3) | 0.37 (9.4)  | 0.25 (6.4)  | 0.75 (19.1)           | 29       |             |
| 54854BEUB0416   | #4 AWG  |                                     | 1/4                    | 1.88 (47.8)         | 0.58 (14.7) | 0.09 (2.3) | 0.37 (9.4)  | 0.38 (9.7)  | 1.00 (25.4)           | 29       |             |
| 54854BEUB0516   | #4 AWG  |                                     | 5/16                   | 1.75 (44.5)         | 0.56 (14.2) | 0.10 (2.5) | 0.37 (9.4)  | 0.38 (9.7)  | 1.00 (25.4)           | 29       |             |
| 54854BEUB0616   | #4 AWG  |                                     | 3/8                    | 1.98 (50.3)         | 0.59 (15.0) | 0.09 (2.3) | 0.37 (9.4)  | 0.38 (9.7)  | 1.00 (25.4)           | 29       |             |
| 54854BEUB0828   | #4 AWG  |                                     | 1/2                    | 3.00 (76.2)         | 0.88 (22.4) | 0.09 (2.3) | 0.37 (9.4)  | 0.50 (12.7) | 1.75 (44.5)           | 29       | Brown       |
| 54858BEUB0416   | #2–3AWG | #3 AWG 125/24                       | 1/4                    | 1.88 (47.8)         | 0.67 (17.0) | 0.09 (2.3) | 0.41 (10.4) | 0.38 (9.7)  | 1.00 (25.4)           | 33       |             |
| 54855BEUB       | #2–3AWG |                                     | 1/4                    | 1.28 (32.5)         | 0.59 (15.0) | 0.11 (2.8) | 0.41 (10.4) | 0.25 (6.4)  | 0.63 (16.0)           | 33       |             |
| 54855BEUB0412   | #2–3AWG |                                     | 1/4                    | 1.35 (34.3)         | 0.68 (17.3) | 0.11 (2.8) | 0.41 (10.4) | 0.25 (6.4)  | 0.75 (19.1)           | 33       |             |
| 54856BEUB       | #2–3AWG |                                     | 5/16                   | 1.63 (41.4)         | 0.59 (15.0) | 0.11 (2.8) | 0.41 (10.4) | 0.38 (9.7)  | 0.75 (19.1)           | 33       |             |
| 54810BEUB       | #2–3AWG |                                     | 3/8                    | 2.57 (65.3)         | 0.59 (15.0) | 0.11 (2.8) | 0.41 (10.4) | 0.38 (9.7)  | 1.75 (44.5)           | 33       |             |
| 54810BEUB0616   | #2–3AWG |                                     | 3/8                    | 1.94 (49.3)         | 0.59 (15.0) | 0.11 (2.8) | 0.41 (10.4) | 0.38 (9.7)  | 1.00 (25.4)           | 33       |             |
| 54811BEUB       | #2–3AWG |                                     | 1/2                    | 3.00 (76.2)         | 0.88 (22.4) | 0.11 (2.8) | 0.41 (10.4) | 0.50 (12.7) | 0.75 (19.1)           | 33       | Green       |
| 54809BEUB       | #1 AWG  | #2 AWG 150/24                       | 1/4                    | 1.19 (30.2)         | 0.67 (17.0) | 0.11 (2.8) | 0.47 (11.9) | 0.25 (6.4)  | 0.63 (16.0)           | 37       |             |
| 54812BEUB       | #1 AWG  | 175/24                              | 1/4                    | 1.40 (35.6)         | 0.67 (17.0) | 0.11 (2.8) | 0.47 (11.9) | 0.25 (6.4)  | 0.75 (19.1)           | 37       |             |
| 54858BEUB       | #1 AWG  | #2 Weld                             | 5/16                   | 1.63 (41.4)         | 0.67 (17.0) | 0.11 (2.8) | 0.47 (11.9) | 0.38 (9.7)  | 0.88 (22.4)           | 37       |             |
| 54857BEUB0616   | #1 AWG  |                                     | 3/8                    | 1.98 (50.3)         | 0.67 (17.0) | 0.11 (2.8) | 0.47 (11.9) | 0.38 (9.7)  | 1.00 (25.4)           | 37       |             |
| 54857BEUB       | #1 AWG  |                                     | 1/2                    | 3.00 (76.2)         | 0.88 (22.4) | 0.11 (2.8) | 0.47 (11.9) | 0.50 (12.7) | 1.75 (44.5)           | 37       | Pink        |
| 54859BEUB0416   | 1/0 AWG | 1 AWG 225/24                        | 1/4                    | 1.88 (47.8)         | 0.75 (19.1) | 0.13 (3.3) | 0.52 (13.2) | 0.38 (9.7)  | 1.00 (25.4)           | 42       |             |
| 54859BEUB0416PH | 1/0 AWG |                                     | 1/4                    | 1.88 (47.8)         | 0.75 (19.1) | 0.13 (3.3) | 0.52 (13.2) | 0.38 (9.7)  | 1.00 (25.4)           | 42       |             |
| 54859BEUB       | 1/0 AWG |                                     | 1/4                    | 1.19 (30.2)         | 0.75 (19.1) | 0.13 (3.3) | 0.52 (13.2) | 0.25 (6.4)  | 0.63 (16.0)           | 42       |             |
| 54813BEUB       | 1/0 AWG |                                     | 1/4                    | 1.38 (35.1)         | 0.75 (19.1) | 0.13 (3.3) | 0.52 (13.2) | 0.25 (6.4)  | 0.75 (19.1)           | 42       |             |
| 54860BEUB       | 1/0 AWG |                                     | 5/16                   | 1.63 (41.4)         | 0.75 (19.1) | 0.13 (3.3) | 0.52 (13.2) | 0.38 (9.7)  | 0.88 (22.4)           | 42       |             |
| 54860BEUB0616   | 1/0 AWG |                                     | 3/8                    | 1.98 (50.3)         | 0.75 (19.1) | 0.13 (3.3) | 0.52 (13.2) | 0.38 (9.7)  | 1.00 (25.4)           | 42       | Black       |
| 54860BEUB0828   | 1/0 AWG |                                     | 1/2                    | 3.00 (76.2)         | 0.75 (19.1) | 0.13 (3.3) | 0.52 (13.2) | 0.38 (9.7)  | 1.75 (44.5)           | 42       |             |
| 54814BEUB       | 2/0 AWG | 1/0 AWG 275/24                      | 1/4                    | 1.25 (31.8)         | 0.83 (21.1) | 0.13 (3.3) | 0.57 (14.5) | 0.25 (6.4)  | 0.63 (16.0)           | 45       |             |
| 54814BEUB0412   | 2/0 AWG | 1/0 Weld                            | 1/4                    | 1.31 (33.3)         | 0.81 (20.6) | 0.13 (3.3) | 0.57 (14.5) | 0.25 (6.4)  | 0.75 (19.1)           | 45       |             |
| 54862BEUB0616   | 2/0 AWG |                                     | 3/8                    | 1.81 (46.0)         | 0.83 (21.1) | 0.13 (3.3) | 0.57 (14.5) | 0.38 (9.7)  | 1.00 (25.4)           | 45       |             |
| 54862BEUB0616PH | 2/0 AWG |                                     | 3/8                    | 1.81 (46.0)         | 0.83 (21.1) | 0.13 (3.3) | 0.57 (14.5) | 0.38 (9.7)  | 1.00 (25.4)           | 45       |             |
| 54862BEUB       | 2/0 AWG |                                     | 1/2                    | 2.81 (71.4)         | 0.83 (21.1) | 0.13 (3.3) | 0.57 (14.5) | 0.50 (12.7) | 0.75 (19.1)           | 45       |             |

Diagram



\* For installations from 16 kV up to 35 kV, consult shielded cable manufacturers for stress relief and insulation requirements. Call your regional sales office for sizes not listed.  
For tool and die selection charts, see the Tools, Dies and Kits catalogue.

## Compression connectors for copper conductors



**Peep holes available – Add suffix PH**

**Material** – High-conductivity wrought copper

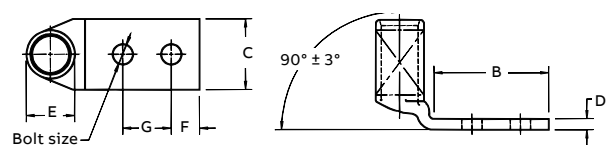
**Finish** – Electro tin plated



Two-hole lugs – 90° Long barrel certified to 600 V and recommended up to 35 kV\* (continued)

|                 |             |                        | Wire size |             | Dimensions in. (mm) |            |             |             |             |     |        |        |  |
|-----------------|-------------|------------------------|-----------|-------------|---------------------|------------|-------------|-------------|-------------|-----|--------|--------|--|
|                 |             | Flex cable classes     |           |             |                     |            |             |             |             |     | Die    | Colour |  |
| Cat no.         | Code cable  | G, H, I, K, M          | Bolt size |             | B                   | C          | D           | E           | F           | G   | code   | code   |  |
| 54815BEUB       | 3/0 AWG     | 2/0 AWG                | ¼         | 1.45 (36.8) | 0.92 (23.4)         | 0.13 (3.3) | 0.63 (16.0) | 0.25 (6.4)  | 0.75 (19.1) | 50  | Orange |        |  |
| 54816BEUB       | 3/0 AWG     | 325/24                 | ⅜         | 0.63 (41.4) | 0.92 (23.4)         | 0.13 (3.3) | 0.63 (16.0) | 0.38 (9.7)  | 1.00 (25.4) | 50  |        |        |  |
| 54864BEUB       | 3/0 AWG     | 2/0 Weld               | ½         | 3.00 (76.2) | 0.94 (23.9)         | 0.13 (3.3) | 0.63 (16.0) | 0.50 (12.7) | 1.75 (44.5) | 50  |        |        |  |
| 54817BEUB       | 4/0 AWG     | 3/0 AWG                | ¼         | 1.38 (35.1) | 1.03 (33.0)         | 0.14 (3.6) | 0.70 (17.8) | 0.25 (6.4)  | 0.75 (19.1) | 54  | Purple |        |  |
| 54818BEUB       | 4/0 AWG     | 450/24                 | ⅜         | 2.63 (66.8) | 1.03 (33.0)         | 0.14 (3.6) | 0.70 (17.8) | 0.38 (9.7)  | 1.75 (44.5) | 54  |        |        |  |
| 54818BEUB0616   | 4/0 AWG     | 3/0 Weld               | ⅜         | 1.81 (46.0) | 1.03 (33.0)         | 0.14 (3.6) | 0.70 (17.8) | 0.38 (9.7)  | 1.00 (25.4) | 54  |        |        |  |
| 54818BEUB0616PH | 4/0 AWG     |                        | ⅜         | 1.88 (47.8) | 1.03 (33.0)         | 0.14 (3.6) | 0.70 (17.8) | 0.38 (9.7)  | 1.00 (25.4) | 54  |        |        |  |
| 54866BEUB       | 4/0 AWG     |                        | ½         | 3.00 (76.2) | 1.03 (33.0)         | 0.14 (3.6) | 0.70 (17.8) | 0.50 (12.7) | 1.75 (44.5) | 54  |        |        |  |
| 54868BEUB0616   | 250 kcmil   | 4/0 AWG                | ⅜         | 1.93 (49.0) | 1.13 (28.7)         | 0.14 (3.6) | 0.77 (19.6) | 0.38 (9.7)  | 1.00 (25.4) | 62  | Yellow |        |  |
| 54868BEUB0616PH | 250 kcmil   | 550/24                 | ⅜         | 1.93 (49.0) | 1.13 (28.7)         | 0.14 (3.6) | 0.77 (19.6) | 0.38 (9.7)  | 1.00 (25.4) | 62  |        |        |  |
| 54868BEUB       | 250 kcmil   | 4/0 Weld               | ½         | 3.00 (76.2) | 1.13 (28.7)         | 0.14 (3.6) | 0.77 (19.6) | 0.50 (12.7) | 1.75 (44.5) | 62  |        |        |  |
| 54819BEUB       | 300 kcmil   | 250 kcmil              | ⅜         | 2.80 (71.1) | 1.25 (31.8)         | 0.15 (3.8) | 0.85 (21.6) | 0.38 (9.7)  | 1.00 (25.4) | 66  | White  |        |  |
| 54870BEUB       | 300 kcmil   | 650/24 = 262 kcmil     | 2         | 3.00 (76.2) | 1.25 (31.8)         | 0.15 (3.8) | 0.85 (21.6) | 0.50 (21.6) | 1.75 (44.5) | 66  |        |        |  |
| 54820BEUB       | 350 kcmil   | 650/24                 | ¼         | 1.93 (49.0) | 1.36 (34.5)         | 0.18 (4.6) | 0.93 (23.6) | 0.25 (6.4)  | 0.75 (19.1) | 71  | Red    |        |  |
| 54872BEUB0616   | 350 kcmil   | 262 kcmil              | ⅜         | 1.93 (49.0) | 1.36 (34.5)         | 0.18 (4.6) | 0.93 (23.6) | 0.38 (9.7)  | 1.00 (25.4) | 71  |        |        |  |
| 54872BEUB0616PH | 350 kcmil   |                        | ⅜         | 1.93 (49.0) | 1.36 (34.5)         | 0.18 (4.6) | 0.93 (23.6) | 0.38 (9.7)  | 1.00 (25.4) | 71  |        |        |  |
| 54872BEUB       | 350 kcmil   |                        | ½         | 3.00 (76.2) | 1.36 (34.5)         | 0.18 (4.6) | 0.93 (23.6) | 0.50 (21.6) | 1.75 (44.5) | 71  |        |        |  |
| 54822BEUB       | 400 kcmil   | 775/24                 | ¼         | 1.93 (49.0) | 1.41 (35.8)         | 0.17 (4.3) | 0.96 (24.4) | 0.25 (6.4)  | 0.75 (19.1) | 76  | Blue   |        |  |
| 54821BEUB       | 400 kcmil   | 313 kcmil              | ⅜         | 1.93 (49.0) | 1.41 (35.8)         | 0.17 (4.3) | 0.96 (24.4) | 0.38 (9.7)  | 1.00 (25.4) | 76  |        |        |  |
| 54874BEUB       | 400 kcmil   |                        | ½         | 3.00 (76.2) | 1.41 (35.8)         | 0.17 (4.3) | 0.96 (24.4) | 0.50 (21.6) | 1.75 (44.5) | 76  |        |        |  |
| 54823BEUB       | 500 kcmil   | 400 kcmil              | ¼         | 1.94 (49.3) | 1.61 (40.9)         | 0.22 (5.6) | 1.10 (27.9) | 0.25 (6.4)  | 0.75 (19.1) | 87  | Brown  |        |  |
| 54823BEUB0616   | 500 kcmil   | 925/24                 | ⅜         | 1.93 (49.0) | 1.61 (40.9)         | 0.22 (5.6) | 1.10 (27.9) | 0.38 (9.7)  | 1.00 (25.4) | 87  |        |        |  |
| 54876BEUB0616PH | 500 kcmil   | 350/373 kcmil          | ⅜         | 1.93 (49.0) | 1.61 (40.9)         | 0.22 (5.6) | 1.10 (27.9) | 0.38 (9.7)  | 1.00 (25.4) | 87  |        |        |  |
| 54876BEUB       | 500 kcmil   |                        | ½         | 3.00 (76.2) | 1.61 (40.9)         | 0.22 (5.6) | 1.10 (27.9) | 0.50 (21.6) | 1.75 (44.5) | 87  |        |        |  |
| 54824BEUB       | 600 kcmil   | 1,110/24,              | ⅜         | 2.80 (71.1) | 1.75 (44.5)         | 0.24 (6.1) | 1.20 (30.5) | 0.38 (9.7)  | 1.00 (25.4) | 94  | Green  |        |  |
| 54878BEUB       | 600 kcmil   | 444 kcmil              | ½         | 3.00 (76.2) | 1.75 (44.5)         | 0.24 (6.1) | 1.20 (30.5) | 0.50 (21.6) | 1.75 (44.5) | 94  |        |        |  |
| 54880BEUB0616   | 750 kcmil   | 1,325/24               | ⅜         | 2.06 (52.3) | 1.94 (6.9)          | 0.27 (6.9) | 1.33 (33.8) | 0.50 (21.6) | 1.00 (25.4) | 106 | Black  |        |  |
| 54880BEUB0616PH | 750 kcmil   | 535 kcmil              | ⅜         | 2.06 (52.3) | 1.94 (6.9)          | 0.27 (6.9) | 1.33 (33.8) | 0.50 (21.6) | 1.00 (25.4) | 106 |        |        |  |
| 54880BEUB       | 750 kcmil   |                        | ½         | 3.00 (76.2) | 1.94 (6.9)          | 0.27 (6.9) | 1.33 (33.8) | 0.50 (21.6) | 1.75 (44.5) | 106 |        |        |  |
| 58884BEUB       | –           | 1,600/24, 646 kcmil    | ½         | 3.00 (76.2) | 1.94 (6.9)          | 0.27 (6.9) | 1.33 (33.8) | 0.50 (21.6) | 1.75 (44.5) | 106 |        |        |  |
| 58826BEUB       | 900 kcmil   | 1,925/24 750/777 kcmil | ½         | 3.00 (76.2) | 2.18 (7.9)          | 0.31 (7.9) | 1.50 (38.1) | 0.50 (21.6) | 1.75 (44.5) | 115 | Yellow |        |  |
| 54826BEUB       | 1,000 kcmil | –                      | ⅜         | 2.80 (71.1) | 2.27 (7.6)          | 0.30 (7.6) | 1.55 (39.4) | 0.38 (9.7)  | 1.00 (25.4) | 125 | –      |        |  |
| 54882BEUB       | 1,000 kcmil |                        | ½         | 3.00 (76.2) | 2.27 (7.6)          | 0.30 (7.6) | 1.55 (39.4) | 0.50 (21.6) | 1.75 (44.5) | 125 |        |        |  |

Diagram



\* For installations from 16 kV up to 35 kV, consult shielded cable manufacturers for stress relief and insulation requirements. Call your regional sales office for sizes not listed.  
For tool and die selection charts, see the Tools, Dies and Kits catalogue.

## Compression connectors for copper conductors

Narrow-tongue lugs – Ideal for confined-space terminations



To meet increasing demand for smaller components in today's panels and switchgear, ABB has expanded its line of Color-Keyed narrow-tongue lugs to include two-hole and angled lugs. These improved lugs have been precision engineered for consistency in width the entire length of the connector, from barrel to tongue, ensuring a reliable fit in confined-space applications.

- Narrow-width tongue and barrel, engineered for dimensional consistency the entire length of the lug
- Perfect for connections in limited-space applications
- High-conductivity copper construction
- Electrolytically tin-plated finish resists corrosion
- ABB Color-Keyed marking system makes connections and verification easy
- Double-chamfered barrel eases insertion of wire

### Technical specifications

- Certified rating: 600 V
- Recommended rating: Up to 35 kV<sup>¥</sup>
- Material: 99% pure high-conductivity seamless wrought copper
- Finish: Electro tin plated
- Standards: UL listed, CSA certified and RoHS compliant



### Ideal for use in:

- Panels
- Switchgear
- Molded-case circuit breakers
- Motor starters
- Other limited-space OEM applications

### Now available in:

- One-hole
- Two-hole
- Straight
- 45° angled
- 90° angled

<sup>¥</sup> For installations from 16 kV up to 35 kV, consult shielded cable manufacturers for stress relief and insulation requirements.

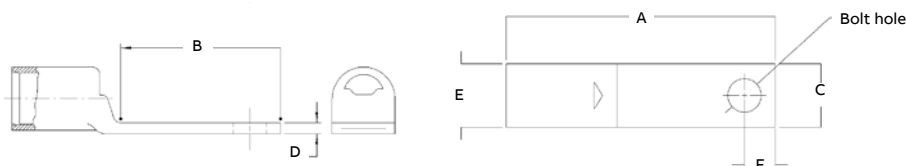
## Compression connectors for copper conductors



Narrow-tongue copper lugs – One-hole, standard barrel certified to 600 V and recommended up to 35 kV\*

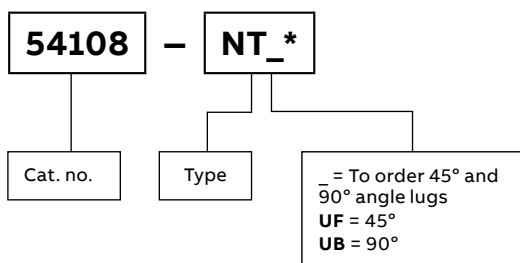
| Cat no.   | Wire size  |                                  |           | Dimensions in. (mm) |             |             |            |             |             |      | Die code | Colour code |
|-----------|------------|----------------------------------|-----------|---------------------|-------------|-------------|------------|-------------|-------------|------|----------|-------------|
|           | Code cable | Flex cable classes G, H, I, K, M | Bolt size | A                   | B           | C           | D          | E           | F           |      |          |             |
| 54138NT   | #4 AWG     | #5 AWG – 91/24                   | #10       | 1.31 (33.3)         | 0.56 (14.2) | 0.37 (9.4)  | 0.10 (2.5) | 0.37 (9.4)  | 0.25 (6.4)  | 29   |          | Grey        |
| 54107NT   | #2–3 AWG   | #3 AWG – 125/24                  | ¼         | 1.50 (38.1)         | 0.65 (16.5) | 0.41 (10.4) | 0.07 (1.8) | 0.41 (10.4) | 0.25 (6.4)  | 33   |          | Brown       |
| 54108NT   | #1 AWG     | #2 AWG, 150, 175/24              | ¼         | 1.50 (38.1)         | 0.65 (16.5) | 0.47 (11.9) | 0.11 (2.8) | 0.47 (11.9) | 0.25 (6.4)  | 37   |          | Green       |
| 54152NT   | 1/0 AWG    | #1 AWG – 225/24                  | ¼         | 1.60 (40.6)         | 0.65 (16.5) | 0.52 (13.2) | 0.13 (3.3) | 0.52 (13.2) | 0.25 (6.4)  | 42   |          | Pink        |
| 54157NT   | 2/0 AWG    | 1/0 AWG – 275/24                 | ¼         | 1.60 (40.6)         | 0.65 (16.5) | 0.57 (14.5) | 0.13 (3.3) | 0.57 (14.5) | 0.25 (6.4)  | 45   |          | Black       |
| 54162NT   | 3/0 AWG    | 2/0 AWG – 325/24                 | ¼         | 1.68 (42.7)         | 0.65 (16.5) | 0.63 (16.0) | 0.13 (3.3) | 0.63 (16.0) | 0.25 (6.4)  | 50   |          | Orange      |
| 54167NT   | 4/0 AWG    | 3/0 AWG – 450/24                 | ¼         | 1.90 (48.3)         | 0.65 (16.5) | 0.70 (17.8) | 0.14 (3.6) | 0.70 (17.8) | 0.25 (6.4)  | 54   |          | Purple      |
| 54172NT   | 250 kcmil  | 4/0 AWG – 550/24                 | ¼         | 2.00 (50.8)         | 0.65 (16.5) | 0.77 (19.6) | 0.14 (3.6) | 0.77 (19.6) | 0.25 (6.4)  | 62   |          | Yellow      |
| 54178NT04 | 300 kcmil  | 650/24                           | ¼         | 2.33 (59.2)         | 0.88 (22.4) | 0.85 (21.6) | 0.15 (3.8) | 0.85 (21.6) | 0.25 (6.4)  | 66   |          | White       |
| 54115NT   | 350 kcmil  | 650/24                           | ½         | 2.75 (69.9)         | 1.25 (31.8) | 0.93 (23.6) | 0.18 (4.6) | 0.93 (23.6) | 0.50 (12.7) | 71H  |          | Red         |
| 54115NT06 | 350 kcmil  | 650/24                           | ¾         | 2.50 (63.5)         | 1.00 (25.4) | 0.93 (23.6) | 0.18 (4.6) | 0.93 (23.6) | 0.38 (16.0) | 71H  |          |             |
| 54118NT   | 500 kcmil  | 925/24                           | ½         | 3.25 (82.6)         | 1.25 (31.8) | 1.10 (27.9) | 0.22 (5.6) | 1.10 (27.9) | 0.50 (12.7) | 87   |          | Brown       |
| 54123NT08 | 750 kcmil  | 1,325/24                         | ½         | 3.48 (88.4)         | 1.25 (31.8) | 1.33 (33.8) | 0.27 (6.9) | 1.33 (33.8) | 0.50 (12.7) | 106H |          | Black       |
| 54123NT   | 750 kcmil  | 1,325/24                         | ¾         | 3.80 (96.5)         | 1.58 (40.1) | 1.33 (33.8) | 0.27 (6.9) | 1.33 (33.8) | 0.63 (16.0) | 106H |          |             |

Diagram



\* For installations from 16 kV up to 35 kV, consult shielded cable manufacturers for stress relief and insulation requirements.

\* Special lugs may have other catalog number constructions. Please contact technical services.



### Ordering information

Other options include silver plating (add SP to catalog number), blind end (add BE to catalog number) and peep holes (add PH to catalog number).

### Catalog no. example:

54108NTUB is a 90° angled one-hole narrow-tongue lug for #1 AWG.

## Compression connectors for copper conductors



Narrow-tongue copper lugs – Two-hole, standard barrel certified to 600 V and recommended up to 35 kV\*

| Cat no.     | Code cable | Wire size                           |                 |              | Dimensions in. (mm) |             |            |             |             |             |      | Die code | Colour code |
|-------------|------------|-------------------------------------|-----------------|--------------|---------------------|-------------|------------|-------------|-------------|-------------|------|----------|-------------|
|             |            | Flex cable classes<br>G, H, I, K, M | Bolt size       |              | A                   | B           | C          | D           | E           | F           | H    |          |             |
| 54206NT0310 | #4 AWG     | # 5 AWG – 91/24                     | #10             | 1.88 (47.8)  | 1.13 (28.7)         | 0.37 (9.4)  | 0.10 (2.5) | 0.37 (9.4)  | 0.25 (6.4)  | 0.63 (16.0) | 29   | Grey     |             |
| 54207NT     | #2–3 AWG   | #3 AWG – 125/24                     | ¼               | 2.04 (61.0)  | 1.19 (30.2)         | 0.41 (10.4) | 0.11 (2.8) | 0.41 (10.4) | 0.25 (6.4)  | 0.63 (16.0) | 33   | Brown    |             |
| 54207NT0412 | #2–3 AWG   | #3 AWG – 125/24                     | ¼               | 2.16 (54.9)  | 1.31 (33.3)         | 0.41 (10.4) | 0.11 (2.8) | 0.41 (10.4) | 0.25 (6.4)  | 0.75 (19.1) | 33   |          |             |
| 54207NT0416 | #2–3 AWG   | #3 AWG – 125/24                     | ¼               | 2.41 (61.2)  | 1.56 (39.6)         | 0.41 (10.4) | 0.11 (2.8) | 0.41 (10.4) | 0.25 (6.4)  | 1.00 (25.4) | 33   |          |             |
| 54208NT     | #1 AWG     | #2 AWG – 150, 175/24                | ¼               | 2.40 (61.0)  | 1.19 (30.2)         | 0.47 (11.9) | 0.11 (2.8) | 0.47 (11.9) | 0.25 (6.4)  | 0.63 (16.0) | 37   | Green    |             |
| 54208NT0516 | #1 AWG     | #2 AWG – 150, 175/24                | ⅝ <sub>16</sub> | 2.63 (66.8)  | 1.78 (45.2)         | 0.47 (11.9) | 0.11 (2.8) | 0.47 (11.9) | 0.38 (9.7)  | 1.00 (25.4) | 37   |          |             |
| 54255NT     | 1/0 AWG    | #1 AWG – 225/24                     | ⅝ <sub>16</sub> | 2.61 (66.3)  | 1.66 (42.2)         | 0.52 (13.2) | 0.14 (3.6) | 0.52 (13.2) | 0.38 (9.7)  | 0.88 (22.4) | 42   | Pink     |             |
| 54261NT     | 2/0 AWG    | 1/0 AWG – 275/24                    | ⅞ <sub>16</sub> | 2.66 (67.6)  | 1.66 (42.2)         | 0.57 (14.5) | 0.14 (3.6) | 0.52 (13.2) | 0.38 (9.7)  | 0.88 (22.4) | 45   | Black    |             |
| 54210NT     | 2/0 AWG    | 1/0 AWG – 275/24                    | ⅞ <sub>8</sub>  | 2.82 (71.6)  | 1.82 (46.2)         | 0.57 (14.5) | 0.14 (3.6) | 0.52 (13.2) | 0.38 (9.7)  | 1.00 (25.4) | 45   |          |             |
| 54266NT     | 3/0 AWG    | 2/0 AWG – 325/24                    | ⅞ <sub>16</sub> | 2.88 (73.2)  | 1.78 (45.2)         | 0.63 (16.0) | 0.13 (3.3) | 0.63 (16.0) | 0.38 (9.7)  | 1.00 (25.4) | 50   | Orange   |             |
| 54211NT     | 3/0 AWG    | 2/0 AWG – 325/24                    | ⅞ <sub>8</sub>  | 2.92 (74.2)  | 1.82 (46.2)         | 0.63 (16.0) | 0.13 (3.3) | 0.63 (16.0) | 0.38 (9.7)  | 1.00 (25.4) | 50   |          |             |
| 54212NT     | 4/0 AWG    | 3/0 AWG – 450/24                    | ⅞ <sub>8</sub>  | 3.07 (94.0)  | 1.82 (46.2)         | 0.70 (17.8) | 0.14 (3.6) | 0.70 (17.8) | 0.38 (9.7)  | 1.00 (25.4) | 54   | Purple   |             |
| 54213NT     | 250 kcmil  | 4/0 AWG – 550/24                    | ⅞ <sub>8</sub>  | 3.17 (80.5)  | 1.82 (46.2)         | 0.77 (19.6) | 0.14 (3.6) | 0.77 (19.6) | 0.38 (9.7)  | 1.00 (25.4) | 62   | Yellow   |             |
| 54275NT     | 250 kcmil  | 4/0 AWG – 550/24                    | ½               | 4.16 (105.7) | 2.81 (71.4)         | 0.77 (19.6) | 0.14 (3.6) | 0.77 (19.6) | 0.50 (12.7) | 1.75 (44.5) | 62   |          |             |
| 54282NT     | 350 kcmil  | 650/24                              | ½               | 4.36 (110.7) | 2.81 (71.4)         | 0.93 (23.6) | 0.18 (4.6) | 0.93 (23.6) | 0.50 (12.7) | 1.75 (44.5) | 71H  | Red      |             |
| 54218NT     | 500 kcmil  | 925/24                              | ⅞ <sub>8</sub>  | 4.57 (116.1) | 2.57 (65.3)         | 1.10 (27.9) | 0.22 (5.6) | 1.10 (27.9) | 0.38 (9.7)  | 1.75 (44.5) | 87   | Brown    |             |
| 54286NT     | 500 kcmil  | 925/24                              | ½               | 4.81 (122.2) | 2.81 (71.4)         | 1.10 (27.9) | 0.22 (5.6) | 1.10 (27.9) | 0.50 (12.7) | 1.75 (44.5) | 87   |          |             |
| 54878BENTPH | 600 kcmil  | 1,100/24                            | ½               | 5.83 (148.1) | 3.00 (76.2)         | 1.20 (30.5) | 0.24 (6.1) | 1.20 (30.5) | 0.50 (12.7) | 1.75 (44.5) | 94   | Green    |             |
| 54223NT0628 | 750 kcmil  | 1,325/24                            | ⅞ <sub>8</sub>  | 4.79 (121.7) | 2.57 (65.3)         | 1.33 (33.8) | 0.27 (6.9) | 1.33 (33.8) | 0.38 (9.7)  | 1.75 (44.5) | 106H | Black    |             |
| 54223NT     | 750 kcmil  | 1,325/24                            | ½               | 5.04 (137.2) | 2.81 (71.4)         | 1.33 (33.8) | 0.27 (6.9) | 1.33 (33.8) | 0.50 (12.7) | 1.75 (44.5) | 106H |          |             |
| 58884BENTPH | –          | 1,600/24                            | ½               | 6.16 (156.5) | 3.00 (76.2)         | 1.33 (33.8) | 0.24 (6.1) | 1.20 (30.5) | 0.50 (12.7) | 1.75 (44.5) | 106H |          |             |

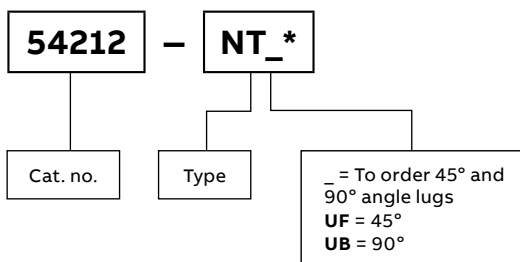
Diagram



Catalogue numbers 54878BENTPH and 58884BENTPH include peep holes.

\* For installations from 16 kV up to 35 kV, consult shielded cable manufacturers for stress relief and insulation requirements.

\* Special lugs may have other catalog number constructions. Please contact technical services.



### Ordering information

Other options include silver plating (add SP to catalog number), blind end (add BE to catalog number) and peep holes (add PH to catalog number).

### Catalog no. example:

54212NTUB is a 90° angled one-hole narrow-tongue lug for #1 AWG.

## Compression connectors for copper conductors

These Color-Keyed connectors are recommended for up to 15 kV applications.

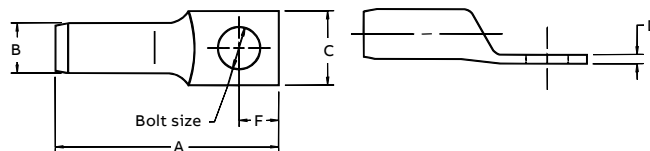
Installed with standard ABB 14 and 15-ton compression tools with special rounding dies, the compression forms the connector and conductor into a solid mass to provide an optimum electrical bond between connector and conductor. The rounding die overlapped compressions provide a smooth round surface. This combined with the tapered barrel ends, addresses the control for potentially damaging electrical stresses of high voltages.



Copper one-hole lugs – Certified to 600 V and recommended up to 15 kV

| Cat no. | Cable size** |                 | Dimensions in. (mm) |             |             |            |             |             |                  | Installing tools 14 and 15 tons* |             |  |
|---------|--------------|-----------------|---------------------|-------------|-------------|------------|-------------|-------------|------------------|----------------------------------|-------------|--|
|         | Code cable   | Stud size (in.) | A                   | B           | C           | D          | E           | F           | Die set cat. no. | Strip length (in.)               | Colour code |  |
| 54440   | #4 AWG       | $\frac{3}{8}$   | 2.08 (71.1)         | 0.81 (20.6) | 0.58 (14.7) | 0.08 (2.0) | 0.38 (9.7)  | 0.50 (12.7) | 15CA29R          | $1\frac{1}{16}$                  | Grey        |  |
| 54443   | #2 AWG       | $\frac{3}{8}$   | 2.25 (57.2)         | 0.81 (20.6) | 0.66 (16.8) | 0.09 (2.3) | 0.38 (9.7)  | 0.50 (12.7) | 15CA33R          | $1\frac{1}{16}$                  | Brown       |  |
| 54448   | #1 AWG       | $\frac{3}{8}$   | 2.36 (59.9)         | 0.81 (20.6) | 0.69 (17.5) | 0.10 (2.5) | 0.38 (9.7)  | 0.50 (12.7) | 15CA37R          | $1\frac{18}{32}$                 | Green       |  |
| 54409   | 1/0 AWG      | $\frac{3}{8}$   | 2.38 (60.5)         | 0.81 (20.6) | 0.75 (19.1) | 0.12 (3.0) | 0.38 (9.7)  | 0.50 (12.7) | 15CA42R          | $1\frac{9}{16}$                  | Pink        |  |
| 54460   | 2/0 AWG      | $\frac{1}{2}$   | 2.73 (69.3)         | 1.06 (40.6) | 0.83 (21.1) | 0.12 (3.0) | 0.50 (12.7) | 0.50 (12.7) | 15CA45R          | $1\frac{9}{16}$                  | Black       |  |
| 54465   | 3/0 AWG      | $\frac{1}{2}$   | 2.81 (71.4)         | 1.06 (40.6) | 0.94 (23.9) | 0.12 (3.0) | 0.50 (12.7) | 0.50 (12.7) | 15CA49R          | $1\frac{3}{4}$                   | Orange      |  |
| 54470   | 4/0 AWG      | $\frac{1}{2}$   | 2.78 (70.6)         | 1.06 (40.6) | 1.00 (25.4) | 0.13 (3.3) | 0.50 (12.7) | 0.50 (12.7) | 15CA54R          | $1\frac{13}{16}$                 | Purple      |  |
| 54413   | 250 kcmil    | $\frac{1}{2}$   | 3.19 (81.0)         | 1.06 (40.6) | 1.07 (43.2) | 0.14 (3.6) | 0.50 (12.7) | 0.50 (12.7) | 15CA60R          | $2\frac{1}{32}$                  | Ruby        |  |

Diagram



\*\*Cable size: Concentric (code) and compact strandings

\*Cat. no. TB15500 die adaptor required for TBM151

For tool and die selection charts, see the Tools, Dies and Kits catalogue.

## Compression connectors for copper conductors

These Color-Keyed connectors are recommended for up to 15 kV applications.

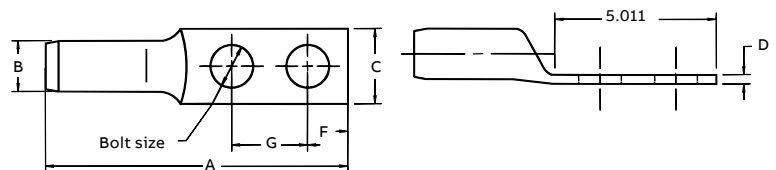
Installed with standard ABB 14 and 15-ton compression tools with special rounding dies, the compression forms the connector and conductor into a solid mass to provide an optimum electrical bond between connector and conductor. The rounding die overlapped compressions provide a smooth round surface. This combined with the tapered barrel ends, addresses the control for potentially damaging electrical stresses of high voltages.



Copper two-hole lugs – Certified to 600 V and recommended up to 15 kV

| Cat no.  | Cable size** |                       | Dimensions in. (mm) |             |             |            |             |             |             | Installing tools 14 and 15 tons* |                    |             |
|----------|--------------|-----------------------|---------------------|-------------|-------------|------------|-------------|-------------|-------------|----------------------------------|--------------------|-------------|
|          | Code         | Stud cable size (in.) | A                   | B           | C           | D          | E           | F           | G           | Die set cat. no.                 | Strip length (in.) | Colour code |
| 54475    | 1/0 AWG      | 3/8                   | 3.56 (90.4)         | 0.53 (13.5) | 0.77 (19.6) | 0.12 (3.0) | 0.38 (9.7)  | 0.38 (9.7)  | 1.00 (25.4) | 15CA42R                          | 1 1/8              | Pink        |
| 54476    | 2/0 AWG      | 1/2                   | 4.67 (118.6)        | 0.56 (14.2) | 0.83 (21.1) | 0.12 (3.0) | 0.50 (12.7) | 0.50 (12.7) | 1.75 (44.5) | 15CA45R                          | 1 1/8              | Black       |
| 54478    | 3/0 AWG      | 1/2                   | 4.75 (120.7)        | 0.63 (16.0) | 0.94 (23.9) | 0.12 (3.0) | 0.50 (12.7) | 0.50 (12.7) | 1.75 (44.5) | 15CA49R                          | 1 3/4              | Orange      |
| 54479    | 4/0 AWG      | 1/2                   | 4.64 (117.9)        | 0.69 (17.3) | 1.00 (25.4) | 0.13 (3.3) | 0.50 (12.7) | 0.50 (12.7) | 1.75 (44.5) | 15CA54R                          | 1 3/4              | Purple      |
| 54480    | 250 kcmil    | 1/2                   | 5.17 (131.3)        | 0.75 (19.1) | 1.08 (45.7) | 0.14 (3.6) | 0.50 (12.7) | 0.50 (12.7) | 1.75 (44.5) | 15CA60R                          | 2 1/32             | Ruby        |
| 54481    | 300 kcmil    | 1/2                   | 5.16 (131.1)        | 0.81 (20.6) | 1.19 (30.2) | 0.16 (4.1) | 0.50 (12.7) | 0.50 (12.7) | 1.75 (44.5) | 15CA66R                          | 2 3/32             | White       |
| 54482    | 350 kcmil    | 1/2                   | 5.35 (135.9)        | 0.88 (22.1) | 1.29 (32.8) | 0.19 (4.8) | 0.50 (12.7) | 0.50 (12.7) | 1.75 (44.5) | 15CA71R                          | 2 13/32            | Red         |
| 54483    | 400 kcmil    | 1/2                   | 5.35 (135.9)        | 0.92 (23.4) | 1.36 (34.5) | 0.18 (4.6) | 0.50 (12.7) | 0.50 (12.7) | 1.75 (44.5) | 15CA76R                          | 2 13/32            | Blue        |
| 54484    | 500 kcmil    | 1/2                   | 5.60 (142.2)        | 1.06 (40.6) | 1.54 (39.1) | 0.23 (5.8) | 0.50 (12.7) | 0.50 (12.7) | 1.75 (44.5) | 15CA87R                          | 2 13/32            | Brown       |
| 54485*** | 600 kcmil    | 1/2                   | 5.83 (148.1)        | 1.17 (29.7) | 1.70 (43.2) | 0.24 (6.1) | 0.50 (12.7) | 0.50 (12.7) | 1.75 (44.5) | 15CA84R                          | 2 1/16             | Green       |
| 54487*** | 750 kcmil    | 1/2                   | 6.13 (155.7)        | 1.11 (27.9) | 1.89 (48.0) | 0.27 (6.9) | 0.50 (12.7) | 0.50 (12.7) | 1.75 (44.5) | 15CA106R                         | 2 3/4              | Black       |
| 54490    | 1,000 kcmil  | 1/2                   | 6.60 (167.6)        | 1.50 (38.1) | 2.18 (55.4) | 0.31 (7.9) | 0.50 (12.7) | 0.50 (12.7) | 1.75 (44.5) | 15C125R•                         | 2 29/32            | –           |

Diagram



\* Cat. no. TB15500 die adaptor required for TBM15I.

• No adaptor required – TBM15I only.

\*\* Cable size: Concentric (code) and compact strandings.

14-Ton tool UL listing limited to 1/0 AWG and 500 kcmil cable sizes.

\*\*\* 15-Ton tool only for 500 kcmil and over.

For tool and die selection charts, see the Tools, Dies and Kits catalogue.

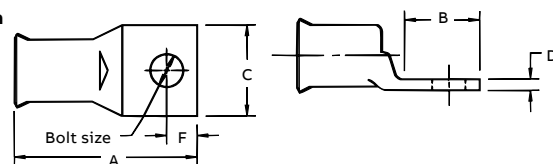
## Compression connectors for copper conductors



Bell-ended lugs – Standard barrel certified to 600 V and recommended up to 35 kV\*

| Cat. no.   | Wire size (AWG or kcmil)* |       |             | Classes |     |     |     |     | Bolt size (in.) | Dimensions in. (mm) |             |             |            |             | Die code | Colour code |
|------------|---------------------------|-------|-------------|---------|-----|-----|-----|-----|-----------------|---------------------|-------------|-------------|------------|-------------|----------|-------------|
|            | Code cable                | Navy  | Flex        | G       | H   | I   | K   | M   |                 | A                   | B           | C           | D          | F           |          |             |
| 54104BS    | 8                         | 23    | 37/24       | 8       | 8   | –   | 8   | 8   | #10             | 1.06 (40.6)         | 0.46 (11.7) | 0.40 (10.2) | 0.07 (1.8) | 0.21 (5.3)  | 21       | Red         |
| 54105BS    | 6                         | 30    | 61/24       | 5       | 5   | 5   | 5   | 5   | 1/4             | 1.18 (30.0)         | 0.56 (14.2) | 0.43 (10.9) | 0.10 (2.5) | 0.25 (6.4)  | 24       | Blue        |
| 54106BS    | 4                         | 40–50 | 91/24       | 5       | 5   | 5   | 5   | 5   | 1/4             | 1.28 (32.5)         | 0.56 (14.2) | 0.56 (14.2) | 0.10 (2.5) | 0.25 (6.4)  | 29       | Grey        |
| 54139BS    | 3–4                       | 40–50 | 91/24       | 4       | 4   | 4   | 4   | 4   | 5/16            | 1.43 (36.3)         | 0.78 (19.8) | 0.59 (19.8) | 0.07 (1.8) | 0.34 (8.6)  | 29       | Grey        |
| 54142BS    | 2                         | 60    | 125/24      | 3       | 3   | 3   | 3   | 3   | 5/16            | 1.53 (38.9)         | 0.71 (18.0) | 0.65 (16.5) | 0.07 (1.8) | 0.34 (8.6)  | 33       | Brown       |
| 54147BS    | 1                         | 75    | 150, 175/24 | 2       | 2   | 2   | 2   | 2   | 5/16            | 1.91 (48.5)         | 0.71 (18.0) | 0.67 (17.0) | 0.12 (3.0) | 0.38 (9.7)  | 37       | Green       |
| 54153BS    | 1/0                       | 100   | 225/24      | 1       | 1   | 1   | 1   | 1   | 5/16            | 1.63 (41.4)         | 0.71 (18.0) | 0.75 (19.1) | 0.14 (3.6) | 0.38 (9.7)  | 42       | Pink        |
| 54110BS    | 2/0                       | 125   | 275/24      | 1/0     | 1/0 | 1/0 | 1/0 | 1/0 | 3/8             | 1.88 (47.8)         | 0.81 (20.6) | 0.81 (20.6) | 0.14 (3.6) | 0.38 (9.7)  | 45       | Black       |
| 54165BS    | 3/0                       | 150   | 325/24      | 2/0     | 2/0 | 2/0 | 2/0 | 2/0 | 1/2             | 2.21 (56.1)         | 1.06 (40.6) | 0.93 (23.6) | 0.14 (3.6) | 0.50 (12.7) | 50       | Orange      |
| 54170BS    | 4/0                       | 200   | 450/24      | 3/0     | 3/0 | 3/0 | 3/0 | 3/0 | 1/2             | 2.31 (58.7)         | 1.06 (40.6) | 1.03 (33.0) | 0.15 (3.8) | 0.50 (12.7) | 54       | Purple      |
| 58165BS    | 250                       | –     | 550/24      | 4/0     | 4/0 | 4/0 | 4/0 | 4/0 | 1/2             | 2.46 (62.5)         | 1.12 (28.4) | 1.25 (31.8) | 0.18 (4.6) | 0.50 (12.7) | 62       | Yellow      |
| 54114BS    | 300                       | 300   | 650/24      | 250     | 250 | 250 | 250 | –   | 1/2             | 2.46 (62.5)         | 1.12 (28.4) | 1.25 (31.8) | 0.18 (4.6) | 0.50 (12.7) | 66       | White       |
| 5411440BS  | 300                       | 300   | 650/24      | 250     | 250 | 250 | 250 | –   | 1/2             | 2.38 (60.5)         | 1.12 (28.4) | 1.25 (31.8) | 0.18 (4.6) | 0.50 (12.7) | 66       | White       |
| 54115260BS | 350                       | 350   | 650/24      | –       | –   | 250 | 250 | 250 | 1/2             | 2.63 (66.8)         | 1.18 (30.0) | 1.38 (35.1) | 0.20 (5.1) | 0.56 (14.2) | 66       | White       |
| 54185BS    | 400                       | 400   | 775/24      | 300     | 300 | 300 | 300 | 300 | 5/8             | 3.43 (87.1)         | 1.68 (42.7) | 1.40 (35.6) | 0.21 (5.3) | 0.81 (20.6) | 76       | Blue        |
| 58177BS    | 500                       | –     | 925/24      | 400     | 400 | 400 | 400 | 400 | 5/8             | 3.00 (76.2)         | 1.31 (33.3) | 1.63 (41.4) | 0.25 (6.4) | 0.81 (20.6) | 80       | –           |
| 58180BS    | 600                       | –     | 1,100/24    | –       | –   | 450 | 450 | 450 | 5/8             | 3.63 (92.2)         | 1.68 (42.7) | 1.78 (45.2) | 0.26 (6.6) | 0.81 (20.6) | 94       | Green       |
| 54122BS    | 700                       | –     | 1,325/24    | 500     | 500 | 500 | 500 | 500 | 5/8             | 3.63 (92.2)         | 1.68 (42.7) | 1.78 (45.2) | 0.28 (7.1) | 0.81 (20.6) | 99       | Pink        |
| 54123BS    | 750                       | –     | –           | 600     | –   | –   | –   | 550 | 5/8             | 3.63 (92.2)         | 1.68 (42.7) | 1.93 (49.0) | 0.31 (7.9) | 0.81 (20.6) | 106      | Black       |
| 54124BS    | 800                       | 800   | –           | –       | –   | –   | 600 | –   | 5/8             | 3.81 (96.8)         | 1.68 (42.7) | 2.00 (50.8) | 0.31 (7.9) | 0.63 (16.0) | 107      | Orange      |
| 54126BS    | 900                       | –     | 1,925/24    | –       | –   | 750 | –   | –   | 5/8             | 4.12 (104.6)        | 1.81 (46.0) | 2.18 (55.4) | 0.37 (9.4) | 0.88 (22.4) | 115      | Yellow      |

Diagram



\* For installations from 16 kV up to 35 kV, consult shielded cable manufacturers for stress relief and insulation requirements.

\* Stranding will differ per class.

For tool and die selection charts, see the Tools, Dies and Kits catalogue.

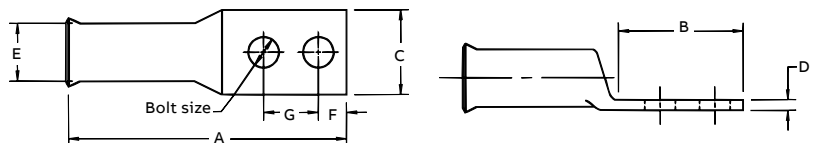
## Compression connectors for copper conductors



Bell-ended lugs – Standard barrel certified to 600 V and recommended up to 35 kV\*

| Cat. no.      | Wire size (AWG or kcmil)* |       |      | Classes |   |   |   |   | Bolt size (in.) | Dimensions in. (mm) |                |                |               |                |                |                | Die code | Colour code |
|---------------|---------------------------|-------|------|---------|---|---|---|---|-----------------|---------------------|----------------|----------------|---------------|----------------|----------------|----------------|----------|-------------|
|               | Code cable                | Navy  | Flex | G       | H | I | K | M |                 | A                   | B              | C              | D             | E              | F              | G              |          |             |
| 54850BEBS     | 8                         | 23    | 8    | 8       | 8 | – | 8 | – | ¼               | 2.19<br>(55.6)      | 1.88<br>(47.8) | 0.42<br>(10.7) | 0.07<br>(1.8) | 0.26<br>(6.6)  | 0.25<br>(6.4)  | 0.63<br>(16.0) | 21       | Red         |
| 54851BEBS     | 8                         | 23    | 8    | 8       | 8 | – | 8 | – | ¼               | 2.31<br>(58.7)      | 1.59<br>(32.8) | 0.47<br>(11.9) | 0.06<br>(1.5) | 0.26<br>(6.6)  | 0.25<br>(6.4)  | 0.75<br>(19.1) | 21       |             |
| 54851BE0616BS | 8                         | 23    | 8    | 8       | 8 | – | 8 | – | ⅜               | 3.00<br>(76.2)      | 2.10<br>(53.3) | 0.56<br>(14.2) | 0.06<br>(1.5) | 0.26<br>(6.6)  | 0.38<br>(9.7)  | 1.00<br>(25.4) | 21       |             |
| 54852BE0616BS | 6                         | 30    | 6    | 5       | 5 | 5 | 5 | – | ⅜               | 2.93<br>(74.4)      | 1.93<br>(49.0) | 0.59<br>(15.0) | 0.06<br>(1.5) | 0.30<br>(7.6)  | 0.38<br>(9.7)  | 1.00<br>(25.4) | 24       | Blue        |
| 54852BEBS     | 6                         | 30    | 6    | 5       | 5 | 5 | 5 | – | ¼               | 2.28<br>(57.9)      | 1.28<br>(32.5) | 0.44<br>(11.2) | 0.08<br>(2.0) | 0.30<br>(7.6)  | 0.25<br>(6.4)  | 0.63<br>(16.0) | 24       |             |
| 54852BE0412BS | 6                         | 30    | 6    | 5       | 5 | 5 | 5 | – | ¼               | 2.43<br>(61.7)      | 1.43<br>(36.3) | 0.43<br>(10.9) | 0.07<br>(1.8) | 0.30<br>(7.6)  | 0.25<br>(6.4)  | 0.75<br>(19.1) | 24       |             |
| 54854BEBS     | 4–3                       | 40–50 | 5    | 5       | 5 | 5 | 5 | – | ¼               | 2.31<br>(58.7)      | 1.19<br>(30.2) | 0.52<br>(13.2) | 0.10<br>(2.5) | 0.37<br>(9.4)  | 0.25<br>(6.4)  | 0.63<br>(16.0) | 29       | Grey        |
| 54854BE0412BS | 4–3                       | 40–50 | 5    | 5       | 5 | 5 | 5 | – | ¼               | 2.31<br>(58.7)      | 1.31<br>(33.3) | 0.56<br>(14.2) | 0.09<br>(2.3) | 0.37<br>(9.4)  | 0.25<br>(6.4)  | 0.75<br>(19.1) | 29       |             |
| 54854BE0616BS | 4–3                       | 40–50 | 5    | 5       | 5 | 5 | 5 | – | ⅜               | 3.13<br>(79.5)      | 1.98<br>(50.3) | 0.59<br>(15.0) | 0.09<br>(2.3) | 0.37<br>(9.4)  | 0.38<br>(9.7)  | 1.00<br>(25.4) | 29       |             |
| 54855BE0412BS | 2                         | 60    | 3    | 3       | 3 | 3 | 3 | 3 | ¼               | 2.63<br>(66.8)      | 1.35<br>(34.3) | 0.68<br>(17.3) | 0.11<br>(2.8) | 0.41<br>(10.4) | 0.25<br>(6.4)  | 0.75<br>(19.1) | 33       | Brown       |
| 54855BEBS     | 2                         | 60    | 3    | 3       | 3 | 3 | 3 | 3 | ¼               | 2.43<br>(61.7)      | 1.28<br>(32.5) | 0.59<br>(15.0) | 0.11<br>(2.8) | 0.41<br>(10.4) | 0.25<br>(6.4)  | 0.63<br>(16.0) | 33       |             |
| 54856BEBS     | 2                         | 60    | 3    | 3       | 3 | 3 | 3 | 3 | ⅜               | 2.78<br>(70.6)      | 1.63<br>(41.4) | 0.59<br>(15.0) | 0.11<br>(2.8) | 0.41<br>(10.4) | 0.38<br>(9.7)  | 0.75<br>(19.1) | 33       |             |
| 54810BE0616BS | 2                         | 60    | 3    | 3       | 3 | 3 | 3 | 3 | ⅜               | 3.08<br>(96.5)      | 1.94<br>(49.3) | 0.59<br>(15.0) | 0.11<br>(2.8) | 0.41<br>(10.4) | 0.38<br>(9.7)  | 1.00<br>(25.4) | 33       |             |
| 54811BEBS     | 2                         | 60    | 3    | 3       | 3 | 3 | 3 | 3 | ½               | 4.28<br>(108.7)     | 3.00<br>(76.2) | 0.88<br>(22.4) | 0.09<br>(2.3) | 0.41<br>(10.4) | 0.50<br>(12.7) | 1.75<br>(44.5) | 33       |             |
| 54809BEBS     | 1                         | 75    | 2    | 2       | 2 | 2 | 2 | 2 | ¼               | 2.88<br>(73.2)      | 1.19<br>(30.2) | 0.67<br>(17.0) | 0.11<br>(2.8) | 0.47<br>(11.9) | 0.25<br>(6.4)  | 0.63<br>(16.0) | 37       | Green       |
| 54812BEBS     | 1                         | 75    | 2    | 2       | 2 | 2 | 2 | 2 | ¼               | 2.75<br>(69.9)      | 1.40<br>(35.6) | 0.67<br>(17.0) | 0.11<br>(2.8) | 0.47<br>(11.9) | 0.25<br>(6.4)  | 0.75<br>(19.1) | 37       |             |
| 54858BEBS     | 1                         | 75    | 2    | 2       | 2 | 2 | 2 | 2 | ⅜               | 2.97<br>(75.4)      | 1.63<br>(41.4) | 0.67<br>(17.0) | 0.11<br>(2.8) | 0.47<br>(11.9) | 0.38<br>(9.7)  | 0.88<br>(22.4) | 37       |             |
| 54857BEBS     | 1                         | 75    | 2    | 2       | 2 | 2 | 2 | 2 | ½               | 4.43<br>(112.5)     | 3.00<br>(76.2) | 0.88<br>(22.4) | 0.10<br>(2.5) | 0.47<br>(11.9) | 0.50<br>(12.7) | 1.75<br>(44.5) | 37       |             |

Diagram



\* For installations from 16 kV up to 35 kV, consult shielded cable manufacturers for stress relief and insulation requirements.

\* Stranding will differ per class.

For tool and die selection charts, see the Tools, Dies and Kits catalogue.

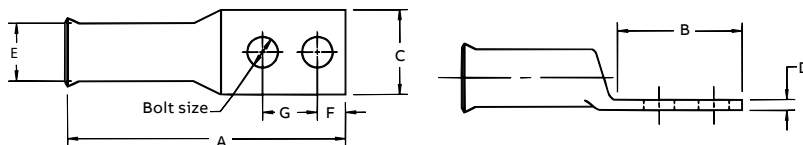
## Compression connectors for copper conductors



Bell-ended lugs – Standard barrel certified to 600 V and recommended up to 35 kV\* (continued)

| Cat. no.      | Wire size (AWG or kcmil)* |      |      | Classes |     |     |     |     |     | Bolt size (in.) | Dimensions in. (mm) |                |                |               |                |                |                | Die code | Colour code |
|---------------|---------------------------|------|------|---------|-----|-----|-----|-----|-----|-----------------|---------------------|----------------|----------------|---------------|----------------|----------------|----------------|----------|-------------|
|               | Code cable                | Navy | Flex | G       | H   | I   | K   | M   | A   |                 | B                   | C              | D              | E             | F              | G              |                |          |             |
| 54859BEBS     | 1/0                       | 100  | 1    | 1       | 1   | 1   | 1   | 1   | 1   | ¼               | 2.63<br>(66.8)      | 1.19<br>(30.2) | 0.75<br>(19.1) | 0.13<br>(3.3) | 0.52<br>(13.2) | 0.25<br>(6.4)  | 0.63<br>(16.0) | 42       | Pink        |
| 54813BEBS     | 1/0                       | 100  | 1    | 1       | 1   | 1   | 1   | 1   | 1   | ¼               | 2.71<br>(68.8)      | 1.38<br>(35.1) | 0.75<br>(19.1) | 0.13<br>(3.3) | 0.52<br>(13.2) | 0.25<br>(6.4)  | 0.75<br>(19.1) | 42       |             |
| 54860BEBS     | 1/0                       | 100  | 1    | 1       | 1   | 1   | 1   | 1   | 1   | 5/16            | 2.97<br>(75.4)      | 1.63<br>(41.4) | 0.75<br>(19.1) | 0.13<br>(3.3) | 0.52<br>(13.2) | 0.38<br>(9.7)  | 0.88<br>(22.4) | 42       |             |
| 54860BE0616BS | 1/0                       | 100  | 1    | 1       | 1   | 1   | 1   | 1   | 1   | 3/8             | 3.23<br>(82.0)      | 1.93<br>(49.0) | 0.75<br>(19.1) | 0.13<br>(3.3) | 0.52<br>(13.2) | 0.38<br>(9.7)  | 1.00<br>(25.4) | 42       |             |
| 54814BEBS     | 2/0                       | 250  | 1/0  | 1/0     | 1/0 | 1/0 | 1/0 | 1/0 | 1/0 | ¼               | 2.62<br>(66.5)      | 1.25<br>(31.8) | 0.83<br>(21.1) | 0.13<br>(3.3) | 0.57<br>(14.5) | 0.25<br>(6.4)  | 0.63<br>(16.0) | 45       | Black       |
| 54814BE0412BS | 2/0                       | 250  | 1/0  | 1/0     | 1/0 | 1/0 | 1/0 | 1/0 | 1/0 | ¼               | 2.69<br>(68.3)      | 1.31<br>(33.3) | 0.81<br>(20.6) | 0.13<br>(3.3) | 0.57<br>(14.5) | 0.25<br>(6.4)  | 0.75<br>(19.1) | 45       |             |
| 54862BE0616BS | 2/0                       | 250  | 1/0  | 1/0     | 1/0 | 1/0 | 1/0 | 1/0 | 1/0 | 3/8             | 3.19<br>(81.0)      | 1.81<br>(46.0) | 0.83<br>(21.1) | 0.13<br>(3.3) | 0.57<br>(14.5) | 0.38<br>(9.7)  | 1.00<br>(25.4) | 45       |             |
| 54862BEBS     | 2/0                       | 250  | 1/0  | 1/0     | 1/0 | 1/0 | 1/0 | 1/0 | 1/0 | ½               | 2.20<br>(55.9)      | 2.81<br>(71.4) | 0.83<br>(21.1) | 0.13<br>(3.3) | 0.57<br>(14.5) | 0.50<br>(12.7) | 1.75<br>(44.5) | 45       |             |
| 54815BEBS     | 3/0                       | 150  | 2/0  | 2/0     | 2/0 | 2/0 | 2/0 | 2/0 | 2/0 | ¼               | 2.89<br>(73.4)      | 1.45<br>(36.8) | 0.92<br>(23.4) | 0.13<br>(3.3) | 0.63<br>(16.0) | 0.25<br>(6.4)  | 0.75<br>(19.1) | 50       | Orange      |
| 54816BEBS     | 3/0                       | 150  | 2/0  | 2/0     | 2/0 | 2/0 | 2/0 | 2/0 | 2/0 | 3/8             | 3.25<br>(82.6)      | 1.63<br>(41.4) | 0.92<br>(23.4) | 0.13<br>(3.3) | 0.63<br>(16.0) | 0.38<br>(9.7)  | 1.00<br>(25.4) | 50       |             |
| 54864BEBS     | 3/0                       | 150  | 2/0  | 2/0     | 2/0 | 2/0 | 2/0 | 2/0 | 2/0 | ½               | 4.45<br>(113.0)     | 3.00<br>(76.2) | 0.92<br>(23.4) | 0.13<br>(3.3) | 0.63<br>(16.0) | 0.50<br>(12.7) | 1.75<br>(44.5) | 50       |             |
| 54817BEBS     | 4/0                       | 200  | 3/0  | 3/0     | 3/0 | 3/0 | 3/0 | 3/0 | 3/0 | ¼               | 3.15<br>(80.0)      | 1.38<br>(35.1) | 1.03<br>(26.2) | 0.14<br>(3.6) | 0.70<br>(17.8) | 0.50<br>(12.7) | 0.75<br>(19.1) | 54       | Purple      |
| 54818BE0616BS | 4/0                       | 200  | 3/0  | 3/0     | 3/0 | 3/0 | 3/0 | 3/0 | 3/0 | 3/8             | 3.35<br>(85.1)      | 1.81<br>(46.0) | 1.03<br>(26.2) | 0.14<br>(3.6) | 0.70<br>(17.8) | 0.25<br>(6.4)  | 1.00<br>(25.4) | 54       |             |
| 54818BEBS     | 4/0                       | 200  | 3/0  | 3/0     | 3/0 | 3/0 | 3/0 | 3/0 | 3/0 | 3/8             | 4.38<br>(111.3)     | 2.63<br>(66.8) | 1.03<br>(26.2) | 0.14<br>(3.6) | 0.70<br>(17.8) | 0.38<br>(9.7)  | 1.75<br>(44.5) | 54       |             |
| 54866BEBS     | 4/0                       | 200  | 3/0  | 3/0     | 3/0 | 3/0 | 3/0 | 3/0 | 3/0 | ½               | 4.70<br>(119.4)     | 3.00<br>(76.2) | 1.03<br>(26.2) | 0.14<br>(3.6) | 0.70<br>(17.8) | 0.50<br>(12.7) | 1.75<br>(44.5) | 54       |             |
| 54868BE0616BS | 250                       | –    | 4/0  | 4/0     | 4/0 | 4/0 | 4/0 | 4/0 | 4/0 | 3/8             | 3.83<br>(97.3)      | 1.93<br>(49.0) | 1.13<br>(28.7) | 0.14<br>(3.6) | 0.77<br>(19.6) | 0.50<br>(12.7) | 1.00<br>(25.4) | 62       | Yellow      |
| 54868BEBS     | 250                       | –    | 4/0  | 4/0     | 4/0 | 4/0 | 4/0 | 4/0 | 4/0 | ½               | 4.92<br>(125.0)     | 3.00<br>(76.2) | 1.13<br>(28.7) | 0.14<br>(3.6) | 0.77<br>(19.6) | 0.50<br>(12.7) | 1.75<br>(44.5) | 62       |             |

Diagram



\* For installations from 16 kV up to 35 kV, consult shielded cable manufacturers for stress relief and insulation requirements.

\* Stranding will differ per class.

For tool and die selection charts, see the Tools, Dies and Kits catalogue.

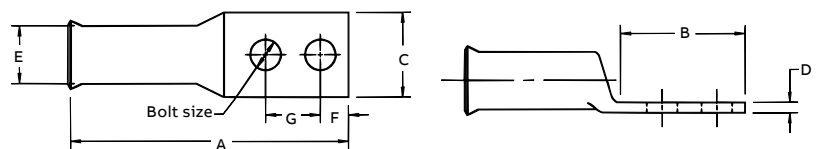
## Compression connectors for copper conductors



Bell-ended lugs – Standard barrel certified to 600 V and recommended up to 35 kV\* (continued)

| Cat. no.      | Wire size (AWG or kcmil)* |      |      | Classes |     |     |     |   | Bolt size (in.) | Dimensions in. (mm) |                |                |               |                |                |                | Die code | Colour code |
|---------------|---------------------------|------|------|---------|-----|-----|-----|---|-----------------|---------------------|----------------|----------------|---------------|----------------|----------------|----------------|----------|-------------|
|               | Code cable                | Navy | Flex | G       | H   | I   | K   | M |                 | A                   | B              | C              | D             | E              | F              | G              |          |             |
| 54819BEBS     | 300                       | 300  | 262  | 250     | 250 | 250 | 250 | – | 3/8             | 5.04<br>(137.2)     | 2.80<br>(71.1) | 1.25<br>(31.8) | 0.15<br>(3.8) | 0.85<br>(21.6) | 0.50<br>(12.7) | 1.00<br>(25.4) | 66       | White       |
| 54870BEBS     | 300                       | 300  | 262  | 250     | 250 | 250 | 250 | – | 1/2             | 5.23<br>(132.8)     | 3.00<br>(76.2) | 1.25<br>(31.8) | 0.15<br>(3.8) | 0.85<br>(21.6) | 0.50<br>(12.7) | 1.75<br>(44.5) | 66       |             |
| 54822BEBS     | 400                       | 400  | 313  | 300     | 300 | 300 | 300 | – | 1/4             | 4.38<br>(111.3)     | 1.93<br>(49.0) | 1.41<br>(35.8) | 0.17<br>(4.3) | 0.96<br>(24.4) | 0.63<br>(16.0) | 0.75<br>(19.1) | 76       | Blue        |
| 54821BEBS     | 400                       | 400  | 313  | 300     | 300 | 300 | 300 | – | 3/8             | 4.43<br>(112.5)     | 1.93<br>(49.0) | 1.41<br>(35.8) | 0.17<br>(4.3) | 0.96<br>(24.4) | 0.63<br>(16.0) | 1.00<br>(25.4) | 76       |             |
| 54874BEBS     | 400                       | 400  | 313  | 300     | 300 | 300 | 300 | – | 1/2             | 5.51<br>(140.0)     | 3.00<br>(76.2) | 1.41<br>(35.8) | 0.17<br>(4.3) | 0.96<br>(24.4) | 0.63<br>(16.0) | 1.75<br>(44.5) | 76       |             |
| 54823BEBS     | 500                       | –    | 373  | 400     | 400 | 400 | 400 | – | 1/4             | 4.93<br>(125.2)     | 1.94<br>(49.3) | 1.61<br>(40.9) | 0.22<br>(5.6) | 1.10<br>(27.9) | 0.50<br>(12.7) | 0.75<br>(19.1) | 87       | Brown       |
| 54876BE0616BS | 500                       | –    | 373  | 400     | 400 | 400 | 400 | – | 3/8             | 5.00<br>(127.0)     | 1.93<br>(49.0) | 1.61<br>(40.9) | 0.22<br>(5.6) | 1.10<br>(27.9) | 0.50<br>(12.7) | 1.00<br>(25.4) | 87       |             |
| 54876BEBS     | 500                       | –    | 373  | 400     | 400 | 400 | 400 | – | 1/2             | 6.00<br>(152.4)     | 3.00<br>(76.2) | 1.61<br>(40.9) | 0.22<br>(5.6) | 1.10<br>(27.9) | 0.50<br>(12.7) | 1.75<br>(44.5) | 87       |             |
| 54824BEBS     | –                         | –    | 444  | –       | –   | 450 | 450 | – | 3/8             | 5.70<br>(144.8)     | 2.80<br>(71.1) | 1.75<br>(44.5) | 0.24<br>(6.1) | 1.20<br>(30.5) | 0.63<br>(16.0) | 1.00<br>(25.4) | 94       | Green       |
| 54878BEBS     | –                         | –    | 444  | –       | –   | 450 | 450 | – | 1/2             | 5.83<br>(148.1)     | 3.00<br>(76.2) | 1.75<br>(44.5) | 0.24<br>(6.1) | 1.20<br>(30.5) | 0.63<br>(16.0) | 1.75<br>(44.5) | 94       |             |
| 54879BEBS     | 700                       | –    | 535  | –       | –   | –   | –   | – | 1/2             | 6.00<br>(152.4)     | 3.00<br>(76.2) | 2.81<br>(71.4) | 0.28<br>(7.1) | 1.25<br>(31.8) | 0.50<br>(12.7) | 1.75<br>(44.5) | 99       | Pink        |
| 54880BEBS     | 700                       | –    | 535  | 500     | 500 | 500 | 500 | – | 1/2             | 6.20<br>(157.5)     | 3.00<br>(76.2) | 1.94<br>(49.3) | 0.27<br>(6.9) | 1.33<br>(33.8) | 0.63<br>(16.0) | 1.75<br>(44.5) | 106      | Black       |
| 58884BEBS     | –                         | –    | 646  | –       | –   | –   | –   | – | 1/2             | 6.16<br>(156.4)     | 3.00<br>(76.2) | 1.94<br>(49.3) | 0.27<br>(6.9) | 1.33<br>(33.8) | 0.50<br>(12.7) | 1.75<br>(44.5) | 106      |             |
| 58826BEBS     | 900                       | –    | 777  | –       | –   | 750 | –   | – | 3/8             | 6.49<br>(164.8)     | 2.80<br>(71.1) | 2.27<br>(57.7) | 0.30<br>(7.6) | 1.50<br>(38.1) | 0.63<br>(16.0) | 1.00<br>(25.4) | 115      | Yellow      |

Diagram



\* For installations from 16 kV up to 35 kV, consult shielded cable manufacturers for stress relief and insulation requirements.

\* Stranding will differ per class.

For tool and die selection charts, see the Tools, Dies and Kits catalogue.

Compression connectors for copper conductors



Material – High-conductivity wrought copper  
Finish – Electro tin plated



Two-barrel lugs – Certified to 600 V and recommended up to 35 kV\*

| Cat. no.       | Wire size (AWG or kcmil) |       | Hole size (in.) | Fig. no. | Dimensions in. (mm) |             |            | Die code | Colour code |
|----------------|--------------------------|-------|-----------------|----------|---------------------|-------------|------------|----------|-------------|
|                | Code cable               | Flex  |                 |          | A                   | W           | T          |          |             |
| 256-30695-828  | #6                       | 61/24 | ¼               | 1        | 2.94 (74.7)         | 0.44 (11.2) | 0.06 (1.5) | 24       | Blue        |
| 256-30695-1227 | #6                       | 61/24 | ¼               | 2        | 3.38 (85.9)         | 0.44 (11.2) | 0.06 (1.5) | 24       |             |

Diagrams

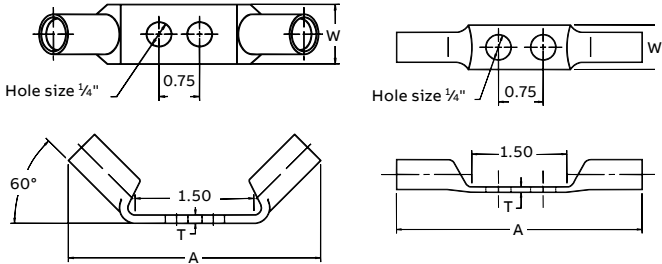


Figure 1

Figure 2

\* For installations from 16 kV up to 35 kV, consult shielded cable manufacturers for stress relief and insulation requirements.  
For tool and die selection charts, see the Tools, Dies and Kits catalogue.

## Compression connectors for copper conductors



**Material** – High-conductivity wrought copper

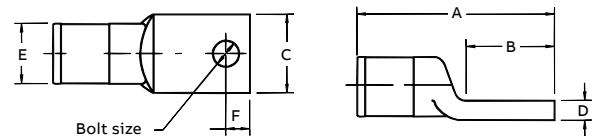
**Finish** – Electro tin plated



Cast copper one-hole lugs heavy-duty — certified to 600 V and recommended up to 35 kV\*

| Cat. no. | Code<br>cable size<br>(AWG or kcmil) | Dimensions in. (mm) |             |             |             |             | Bolt size<br>(in.) | Die<br>code |
|----------|--------------------------------------|---------------------|-------------|-------------|-------------|-------------|--------------------|-------------|
|          |                                      | A                   | B           | C           | D           | F           |                    |             |
| 53104    | 8                                    | 1.43 (36.3)         | 0.75 (19.1) | 0.50 (12.7) | 0.12 (3.0)  | 0.28 (7.1)  | #10                | 29          |
| 53105    | 6                                    | 1.43 (36.3)         | 0.75 (19.1) | 0.50 (12.7) | 0.12 (3.0)  | 0.28 (7.1)  | ¼                  | 29          |
| 53106    | 4                                    | 1.43 (36.3)         | 0.75 (19.1) | 0.50 (12.7) | 0.12 (3.0)  | 0.28 (7.1)  | ¼                  | 29          |
| 53107    | 2                                    | 2.00 (50.8)         | 1.00 (25.4) | 0.75 (19.1) | 0.25 (6.4)  | 0.43 (10.9) | ¼                  | 45          |
| 53108    | 1                                    | 2.00 (50.8)         | 1.00 (25.4) | 0.75 (19.1) | 0.25 (6.4)  | 0.43 (10.9) | ¼                  | 45          |
| 53109    | 1/0                                  | 2.00 (50.8)         | 1.00 (25.4) | 0.75 (19.1) | 0.25 (6.4)  | 0.43 (10.9) | ⅜                  | 45          |
| 53161*   | 325/24                               | 2.18 (55.4)         | 0.75 (19.1) | 0.81 (20.6) | 0.21 (5.3)  | 0.43 (10.9) | ⅜                  | 54          |
| 53110    | 2/0                                  | 2.63 (66.8)         | 1.25 (31.8) | 1.00 (25.4) | 0.28 (7.1)  | 0.53 (13.5) | ⅜                  | 66          |
| 53111    | 3/0                                  | 2.63 (66.8)         | 1.25 (31.8) | 1.00 (25.4) | 0.28 (7.1)  | 0.53 (13.5) | ⅜                  | 66          |
| 53112    | 4/0                                  | 2.63 (66.8)         | 1.25 (31.8) | 1.00 (25.4) | 0.28 (7.1)  | 0.53 (13.5) | ⅜                  | 66          |
| 53165*   | 650/24                               | 3.06 (91.4)         | 1.38 (35.1) | 1.18 (30.0) | 0.31 (7.9)  | 0.75 (19.1) | ½                  | 76          |
| 53113    | 250 kcmil                            | 3.06 (91.4)         | 1.50 (38.1) | 1.18 (30.0) | 0.31 (7.9)  | 0.75 (19.1) | ½                  | 76          |
| 53114    | 300 kcmil                            | 3.06 (91.4)         | 1.50 (38.1) | 1.18 (30.0) | 0.31 (7.9)  | 0.75 (19.1) | ½                  | 76          |
| 53115    | 350 kcmil                            | 3.81 (96.8)         | 2.00 (50.8) | 1.38 (35.1) | 0.38 (9.7)  | 0.81 (20.6) | ½                  | 99          |
| 53116    | 400 kcmil                            | 3.81 (96.8)         | 2.00 (50.8) | 1.38 (35.1) | 0.38 (9.7)  | 0.81 (20.6) | ½                  | 99          |
| 53118    | 500 kcmil                            | 3.81 (96.8)         | 2.00 (50.8) | 1.38 (35.1) | 0.38 (9.7)  | 0.81 (20.6) | ½                  | 99          |
| 53168*   | 1,100/24                             | 3.81 (96.8)         | 1.63 (41.4) | 1.63 (41.4) | 0.40 (10.2) | 0.88 (22.4) | ½                  | 107         |
| 53169*   | 1,325/24                             | 3.81 (96.8)         | 1.63 (41.4) | 1.63 (41.4) | 0.40 (10.2) | 0.88 (22.4) | ½                  | 107         |
| 53123    | 750 kcmil                            | 4.18 (106.2)        | 2.12 (53.8) | 1.63 (41.4) | 0.43 (10.9) | 1.00 (25.4) | ½                  | 112         |
| 53173*   | 2,750/24                             | 5.06 (142.2)        | 1.88 (47.8) | 2.12 (53.8) | 0.56 (14.2) | 1.18 (30.0) | ½                  | 150         |

### Diagrams



\* For installations from 16 kV up to 35 kV, consult shielded cable manufacturers for stress relief and insulation requirements.

\* Not UL Listed and CSA non applicable.

For tool and die selection charts, see the Tools, Dies and Kits catalogue.

## Compression connectors for copper conductors



**Material** – High-conductivity wrought copper

**Finish** – Electro tin plated



Cast copper two-hole lugs for code copper cable – Certified to 600 V and recommended up to 35 kV\*

| Cat. no.       | Code cable size (AWG or kcmil)  | Bolt size (in.) | Dimensions in. (mm) |             |             |              |             |             |                       | No. of crimps |        |        |            |
|----------------|---------------------------------|-----------------|---------------------|-------------|-------------|--------------|-------------|-------------|-----------------------|---------------|--------|--------|------------|
|                |                                 |                 | A                   | B           | C           | D            | E           | F           | H                     | Die code      | 12 ton | 15 ton | 40 ton     |
| 256-30695-1055 | #14–10                          | ¼               | 2.00 (50.8)         | 1.31 (33.3) | 0.50 (12.7) | 0.12 (3.0)   | 0.38 (9.7)  | 0.25 (6.4)  | 0.63–0.75 (16.0–19.1) | 29            | 1      | 1      | 1          |
| 53204          | #8                              | ¼               | 2.00 (50.8)         | 1.31 (33.3) | 0.50 (12.7) | 0.09 (2.3)   | 0.38 (9.7)  | 0.25 (6.4)  | 0.63 (16.0)           | 29            | 1      | 1      | 1          |
| 53205          | #8                              | ¼               | 2.00 (50.8)         | 1.31 (33.3) | 0.50 (12.7) | 0.12 (3.0)   | 0.38 (9.7)  | 0.25 (6.4)  | 0.63 (16.0)           | 29            | 1      | 1      | 1          |
| 53206          | #4                              | ¼               | 2.00 (50.8)         | 1.31 (33.3) | 0.50 (12.7) | 0.12 (3.0)   | 0.38 (9.7)  | 0.25 (6.4)  | 0.63 (16.0)           | 29            | 1      | 1      | 1          |
| 53207          | #2                              | ¼               | 3.00 (76.2)         | 2.00 (50.8) | 0.75 (19.1) | 0.12 (3.0)   | 0.59 (15.0) | 0.50 (12.7) | 0.75 (19.1)           | 45            | 1      | 1      | 1          |
| 53208          | #1                              | ¼               | 3.00 (76.2)         | 2.00 (50.8) | 0.75 (19.1) | 0.25 (6.4)   | 0.59 (15.0) | 0.50 (12.7) | 1.00 (25.4)           | 45            | 1      | 1      | 1          |
| 53209          | 1/0                             | ⅜               | 3.00 (76.2)         | 2.00 (50.8) | 0.75 (19.1) | 0.25 (6.4)   | 0.59 (15.0) | 0.50 (12.7) | 1.00 (25.4)           | 45            | 1      | 1      | 1          |
| 53210          | 2/0                             | ⅜               | 4.31 (109.5)        | 3.00 (76.2) | 0.75 (19.1) | 0.18 (4.6)   | 0.84 (21.3) | 0.63 (16.0) | 1.75 (44.5)           | 66            | 1      | 1      | 1          |
| 53211          | 3/0                             | ½               | 4.31 (109.5)        | 3.00 (76.2) | 1.00 (25.4) | 0.28 (7.1)   | 0.84 (21.3) | 0.63 (16.0) | 1.75 (44.5)           | 66            | 1      | 1      | 1          |
| 53212          | 4/0                             | ½               | 4.31 (109.5)        | 3.00 (76.2) | 1.00 (25.4) | 0.28 (7.1)   | 0.84 (21.3) | 0.63 (16.0) | 1.75 (44.5)           | 66            | 1      | 1      | 1          |
| 53213          | 250                             | ½               | 4.56 (115.8)        | 3.00 (76.2) | 1.18 (30.0) | 0.18 (4.6)   | 0.93 (23.6) | 0.63 (16.0) | 1.75 (44.5)           | 76            | 1      | 1      | 1          |
| 53214          | 300                             | ½               | 4.56 (115.8)        | 3.00 (76.2) | 1.18 (30.0) | 0.31 (7.9)   | 0.93 (23.6) | 0.63 (16.0) | 1.75 (44.5)           | 76            | 1      | 1      | 1          |
| 53215          | 350                             | ½               | 5.31 (134.9)        | 3.50 (88.9) | 1.38 (35.1) | 0.25 (6.4)   | 1.21 (30.7) | 0.63 (16.0) | 1.75 (44.5)           | 99            | 2      | 1      | 1          |
| 53216          | 400                             | ½               | 5.31 (134.9)        | 3.50 (88.9) | 1.38 (35.1) | 0.38 (9.7)   | 1.21 (30.7) | 0.63 (16.0) | 1.75 (44.5)           | 99            | 2      | 1      | 1          |
| 53218          | 500                             | ½               | 5.31 (134.9)        | 3.50 (88.9) | 1.38 (35.1) | 0.38 (9.7)   | 1.21 (30.7) | 0.63 (16.0) | 1.75 (44.5)           | 99            | 2      | 1      | 1          |
| 53220M         | 600                             | ½               | 5.31 (134.9)        | 3.50 (88.9) | 1.63 (41.4) | 0.53 (13.5)  | 1.35 (34.3) | 0.63 (16.0) | 1.75 (44.5)           | 112           | 2      | 1      | 1          |
| 53222M         | 700                             | ½               | 5.31 (134.9)        | 3.50 (88.9) | 1.63 (41.4) | 0.03 (0.8) ± | 1.35 (34.3) | 0.63 (16.0) | 1.75 (44.5)           | 112           | 2      | 1      | 1          |
| 53223M         | 750                             | ½               | 5.31 (134.9)        | 3.50 (88.9) | 1.63 (41.4) | 0.03 (0.8) ± | 1.35 (34.3) | 0.63 (16.0) | 1.75 (44.5)           | 112           | 2      | 1      | 1          |
| 53269•         | 1,325/24                        | ½               | 5.50 (139.7)        | 3.50 (88.9) | 1.63 (41.4) | 0.40 (10.2)  | 1.35 (34.3) | 0.63 (16.0) | 1.75 (44.5)           | 107           | 2      | 1      | 1          |
| 53224          | 800                             | ½               | 6.00 (152.4)        | 3.50 (88.9) | 1.88 (47.8) | 0.31 (7.9)   | 1.56 (39.6) | 0.63 (16.0) | 1.75 (44.5)           | 130           | –      | 1      | 1          |
| 53226          | 900                             | ½               | 6.00 (152.4)        | 3.50 (88.9) | 1.88 (47.8) | 0.46 (11.7)  | 1.56 (39.6) | 0.63 (16.0) | 1.75 (44.5)           | 130           | –      | 1      | 1          |
| 53228          | 1000                            | ½               | 6.00 (152.4)        | 3.50 (88.9) | 1.88 (47.8) | 0.46 (11.7)  | 1.56 (39.6) | 0.63 (16.0) | 1.75 (44.5)           | 130           | –      | 1      | 1          |
| 53273•         | 1,100<br>2,750/24               | ½               | 6.19 (157.2)        | 3.50 (88.9) | 2.12 (53.8) | 0.56 (14.2)  | 1.90 (28.3) | 0.63 (16.0) | 1.75 (44.5)           | 150 or 150H   | –      | –      | –          |
| 53233          | 1,500                           | ½               | 6.25 (158.8)        | 3.50 (88.9) | 2.25 (57.2) | 0.50 (12.7)  | 1.90 (28.3) | 0.63 (16.0) | 1.75 (44.5)           | 150           | –      | 1      | 1          |
| 53233L         | 1,500                           | ½               | 7.31 (185.7)        | 3.12 (79.2) | 2.00 (50.8) | 0.50 (12.7)  | 1.88 (47.8) | 0.63 (16.0) | 1.75 (44.5)           | 150           | –      | 1      | –          |
| 53432L•*       | 1,500                           | ½               | 7.31 (185.7)        | 3.12 (79.2) | 3.00 (76.2) | 0.50 (12.7)  | 1.88 (47.8) | 0.63 (16.0) | 1.75 (44.5)           | 150           | –      | 1      | –          |
| 251-30485-1275 | 1,250                           | 9/16            | 6.19 (157.2)        | 3.50 (88.9) | 2.12 (53.8) | 0.56 (14.2)  | 1.90 (48.3) | 0.63 (16.0) | 1.75 (44.5)           | 150           | –      | –      | –          |
| 251-30485-1211 | 1,750                           | –               | 6.38 (162.1)        | 3.12 (79.2) | 3.00 (76.2) | 0.50 (12.7)  | 2.18 (55.4) | –           | –                     | 175           | –      | –      | 2 (fig. 2) |
| 251-30485-1212 | 1,750                           | –               | 6.38 (162.1)        | 3.12 (79.2) | 2.25 (57.2) | 0.50 (12.7)  | 2.18 (55.4) | –           | –                     | 175           | –      | –      | 2 (fig. 1) |
| 53239          | 2,000<br>169/110                | ½               | 6.19 (157.2)        | 3.50 (88.9) | 2.75 (69.9) | 0.50 (12.7)  | 2.18 (55.4) | 0.63 (16.0) | 0.63 (16.0)           | 175           | –      | –      | –          |
| 53239L         | 178/0.104<br>2,000<br>169/0.110 | ½               | 7.31 (185.7)        | 3.12 (79.2) | 2.25 (57.2) | 0.50 (12.7)  | 2.46 (62.5) | 0.63 (16.0) | 0.63 (16.0)           | 175           | –      | –      | –          |
| 53439L•*       | 178/0.104<br>2,000              | ½               | 7.31 (185.7)        | 3.12 (79.2) | 3.00 (76.2) | 0.50 (12.7)  | 2.18 (55.4) | 0.63 (16.0) | 0.63 (16.0)           | 175           | –      | –      | 11421 die  |

Diagrams

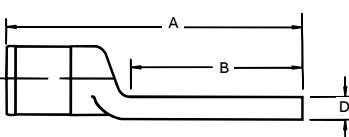
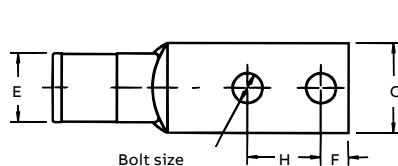


Figure 1

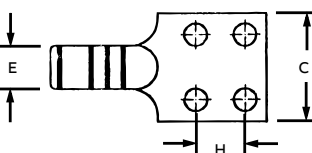


Figure 2

\* For installations from 16 kV up to 35 kV, consult shielded cable manufacturers for stress relief and insulation requirements.

\* Heavy-duty copper lugs for flexible strand cables 600 V not UL or CSA listed.

• CSA not applicable.

For tool and die selection charts, see the Tools, Dies and Kits catalogue.

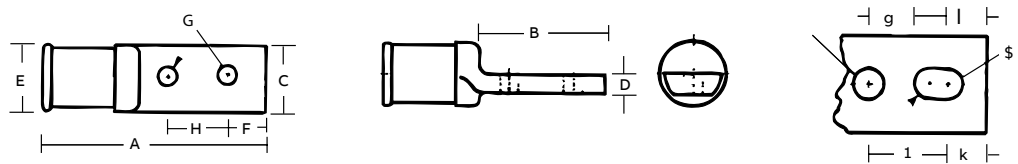
## Compression connectors for copper conductors

Material – Cast copper

### ABB method – Traction motor disconnect lugs for diesel-electric locomotives

| Cat. no. | Cable size | Dimensions in. (mm) |             |             |            | Approx. dia. E in. (mm) | Bolt size in. (mm) |            |             | Die code |
|----------|------------|---------------------|-------------|-------------|------------|-------------------------|--------------------|------------|-------------|----------|
|          |            | A                   | B           | C           | D          |                         | F                  | G          | H           |          |
| MD37     | 37/24      | 2.44 (62.0)         | 1.75 (44.5) | 0.59 (15.0) | 0.16 (4.1) | 0.38 (9.7)              | 0.38 (9.7)         | 0.31 (7.9) | 0.88 (24.4) | 26       |
| MDD61    | 61/24      | 2.44 (62.0)         | 1.75 (44.5) | 0.59 (15.0) | 0.16 (4.1) | 0.38 (9.7)              | 0.38 (9.7)         | 0.31 (7.9) | 0.88 (24.4) | 26       |
| MD 105   | 105/24     | 2.63 (66.8)         | 1.75 (44.5) | 0.59 (15.0) | 0.16 (4.1) | 0.44 (11.2)             | 0.38 (9.7)         | 0.31 (7.9) | 0.88 (24.4) | 33       |
| MD 105   | 91/24      | 2.63 (66.8)         | 1.75 (44.5) | 0.59 (15.0) | 0.16 (4.1) | 0.44 (11.2)             | 0.38 (9.7)         | 0.31 (7.9) | 0.88 (24.4) | 33       |
| MD 125   | 125/24     | 2.63 (66.8)         | 1.75 (44.5) | 0.59 (15.0) | 0.20 (5.2) | 0.44 (11.2)             | 0.38 (9.7)         | 0.31 (7.9) | 0.88 (24.4) | 33       |
| MD 150   | 150/24     | 2.06 (52.3)         | 1.88 (47.8) | 0.59 (15.0) | 0.20 (5.2) | 0.63 (16.0)             | 0.44 (11.2)        | 0.31 (7.9) | 0.88 (24.4) | 45       |
| MD 175   | 175/24     | 2.06 (52.3)         | 1.88 (47.8) | 0.59 (15.0) | 0.20 (5.2) | 0.63 (16.0)             | 0.44 (11.2)        | 0.31 (7.9) | 0.88 (24.4) | 45       |
| MD 225   | 225/24     | 3.00 (76.2)         | 1.88 (47.8) | 0.69 (17.5) | 0.20 (5.2) | 0.72 (18.3)             | 0.44 (11.2)        | 0.31 (7.9) | 0.88 (24.4) | 60       |
| MD 275   | 275/24     | 3.00 (76.2)         | 1.88 (47.8) | 0.69 (17.5) | 0.20 (5.2) | 0.72 (18.3)             | 0.44 (11.2)        | 0.31 (7.9) | 0.88 (24.4) | 60       |
| MD 325   | 325/24     | 3.00 (76.2)         | 1.88 (47.8) | 0.69 (17.5) | 0.20 (5.2) | 0.72 (18.3)             | 0.44 (11.2)        | 0.31 (7.9) | 0.88 (24.4) | 60       |
| MD 375   | 375/24     | 3.13 (79.5)         | 2.00 (50.8) | 0.78 (19.8) | 0.20 (5.2) | 0.72 (18.3)             | 0.44 (11.2)        | 0.31 (7.9) | 0.88 (24.4) | 60       |
| MD 450   | 450/24     | 3.13 (79.5)         | 2.00 (50.8) | 0.78 (19.8) | 0.20 (5.2) | 0.72 (18.3)             | 0.44 (11.2)        | 0.31 (7.9) | 0.88 (24.4) | 60       |
| MD 550   | 550/24     | 3.19 (81.0)         | 1.88 (47.8) | 0.94 (23.9) | 0.20 (5.2) | 1.00 (25.4)             | 0.44 (11.2)        | 0.31 (7.9) | 0.88 (24.4) | 76       |
| MD 650   | 650/24     | 3.19 (81.0)         | 1.88 (47.8) | 0.94 (23.9) | 0.20 (5.2) | 1.00 (25.4)             | 0.44 (11.2)        | 0.31 (7.9) | 0.88 (24.4) | 76       |
| MD 775   | 775/24     | 3.19 (81.0)         | 1.88 (47.8) | 0.94 (23.9) | 0.38 (9.5) | 1.00 (25.4)             | 0.44 (11.2)        | 0.31 (7.9) | 0.88 (24.4) | 76       |
| MD 925   | 925/24     | 3.75 (95.3)         | 2.06 (52.3) | 1.13 (28.7) | 0.38 (9.5) | 1.16 (29.5)             | 0.44 (11.2)        | 0.38 (9.7) | 1.00 (25.4) | 87       |
| MD 1100  | 1,100/24   | 3.75 (95.3)         | 2.06 (52.3) | 1.34 (34.0) | 0.38 (9.5) | 1.38 (35.1)             | 0.44 (11.2)        | 0.38 (9.7) | 1.00 (25.4) | 107      |
| MD 1325  | 1,325/24   | 3.78 (96.0)         | 2.09 (53.3) | 1.16 (29.5) | 0.38 (9.5) | 1.75 (44.5)             | 0.44 (11.2)        | 0.38 (9.7) | 1.00 (25.4) | 107      |
| MD 1600  | 1,600/24   | 3.75 (95.3)         | 2.06 (52.3) | 1.34 (34.0) | 0.38 (9.5) | 1.38 (35.1)             | 0.44 (11.2)        | 0.38 (9.7) | 1.00 (25.4) | 107      |
| MD 1925* | 1,925/24   | 4.06 (103.1)        | 2.09 (53.3) | 1.34 (34.0) | 0.38 (9.5) | 1.50 (38.1)             | 0.44 (11.2)        | 0.38 (9.7) | 1.00 (25.4) | 115      |
| MD 2300  | 2,300/24   | 4.38 (111.3)        | 2.13 (54.1) | 1.59 (40.4) | 0.38 (9.5) | 1.66 (42.2)             | 0.44 (11.2)        | 0.38 (9.7) | 1.00 (25.4) | 130      |

Diagrams



Note: some parts may not be current on the system. Consult your regional sales office for informations.

Tooling: all hydraulic tools 12 tons and up.

For use in mechanically splicing traction motor wires. MES Flex (B) and DLU.

\* Supplied with elongated bolt hole.

## Compression connectors for copper conductors



### One-hole metric lugs

Color-Keyed metric lugs are manufactured from electrolytic copper tube. The dimensions of the tube are designed to obtain the most efficient electrical conductivity and mechanical strength, resisting vibration and pullout. Color-Keyed metric lugs are annealed to guarantee optimum ductility, which is a necessity for compression connectors having to withstand severe deformation arising when compressed or bending of the tongue that may happen during installation. Connectors have to perform adequately with vibration loads, and annealing is necessary to avoid material failure between the barrel and the tongue.

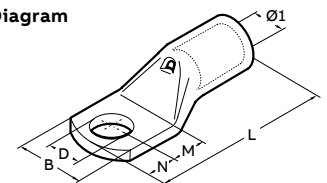
The presence of an inspection hole facilitates full insertion of the conductor, and the barrel length is designed to allow easy and accurate positioning of the dies during the crimping operation. Lugs are electrolytically tin-plated to eliminate oxidation of the copper material. Color-Keyed metric lugs complement our connector family and meet a growing need for customer's connector requirements. Details of the appropriate crimping tools and dies are included. Our ABB sales representative group is always available to provide any technical advice required. Please contact them if sizes are needed additional to those shown in this catalogue.

### One-hole metric lugs



| Cat. no. | Cond. size mm <sup>2</sup> |          | Stud (mm) | Dimensions (mm) |      |      |      |      |      | Std. pkg. | 6-tons               |  | 14-tons             |  | 26-tons           |  |
|----------|----------------------------|----------|-----------|-----------------|------|------|------|------|------|-----------|----------------------|--|---------------------|--|-------------------|--|
|          | Low stranded               | Flexible |           | Ø1              | B    | M    | N    | L    | D    |           | TBM62PCR-LI (crimps) |  | TBM14CR-LI (crimps) |  | TBM26MCC (crimps) |  |
| MCC6M4*  | –                          | 4 ÷ 6    | 4         | 3.6             | 8.0  | 5.0  | 4.0  | 21.5 | 4.3  | 100       | MCD6-6 (1)           |  | –                   |  | –                 |  |
| MCC6M5*  | –                          | 4 ÷ 6    | 5         | 3.6             | 9.0  | 6.5  | 6.0  | 25.0 | 5.3  | 100       | MCD6-6 (1)           |  | –                   |  | –                 |  |
| MCC6M6*  | –                          | 4 ÷ 6    | 6         | 3.6             | 11.0 | 7.0  | 6.0  | 25.5 | 6.4  | 100       | MCD6-6 (1)           |  | –                   |  | –                 |  |
| MCC10M4  | –                          | 10       | 4         | 4.6             | 10.0 | 5.0  | 4.0  | 22.5 | 4.3  | 100       | MCD10-6 (1)          |  | MCD10-14 (1)        |  | –                 |  |
| MCC10M5  | –                          | 10       | 5         | 4.6             | 10.0 | 6.5  | 6.0  | 26.0 | 5.3  | 100       | MCD10-6 (1)          |  | MCD10-14 (1)        |  | –                 |  |
| MCC10M6  | –                          | 10       | 6         | 4.6             | 11.0 | 7.0  | 6.0  | 26.5 | 6.4  | 100       | MCD10-6 (1)          |  | MCD10-14 (1)        |  | –                 |  |
| MCC10M8  | –                          | 10       | 8         | 4.6             | 15.0 | 9.0  | 8.0  | 30.5 | 8.4  | 100       | MCD10-6 (1)          |  | MCD10-14 (1)        |  | –                 |  |
| MCC10M10 | –                          | 10       | 10        | 4.6             | 18.0 | 11.0 | 10.0 | 34.5 | 10.5 | 100       | MCD10-6 (1)          |  | MCD10-14 (1)        |  | –                 |  |
| MCC16M4  | –                          | 16       | 4         | 5.8             | 11.5 | 5.0  | 4.0  | 25.5 | 4.3  | 100       | MCD16-6 (1)          |  | MCD16-14 (1)        |  | –                 |  |
| MCC16M5  | –                          | 16       | 5         | 5.8             | 11.5 | 6.5  | 6.0  | 29.0 | 5.3  | 100       | MCD16-6 (1)          |  | MCD16-14 (1)        |  | –                 |  |
| MCC16M6  | –                          | 16       | 6         | 5.8             | 11.5 | 7.0  | 6.0  | 29.5 | 6.4  | 100       | MCD16-6 (1)          |  | MCD16-14 (1)        |  | –                 |  |
| MCC16M8  | –                          | 16       | 8         | 5.8             | 15.0 | 9.0  | 8.0  | 33.5 | 8.4  | 100       | MCD16-6 (1)          |  | MCD16-14 (1)        |  | –                 |  |
| MCC16M10 | –                          | 16       | 10        | 5.8             | 18.0 | 11.0 | 10.0 | 37.5 | 10.5 | 100       | MCD16-6 (1)          |  | MCD16-14 (1)        |  | –                 |  |
| MCC25M5  | –                          | 25       | 5         | 7.0             | 14.0 | 6.5  | 6.0  | 31.5 | 5.3  | 100       | MCD25-6 (1)          |  | MCD25-14 (1)        |  | –                 |  |
| MCC25M6  | –                          | 25       | 6         | 7.0             | 14.0 | 7.0  | 6.0  | 32.0 | 6.4  | 100       | MCD25-6 (1)          |  | MCD25-14 (1)        |  | –                 |  |
| MCC25M10 | –                          | 25       | 10        | 7.0             | 18.0 | 11.0 | 10.0 | 40.0 | 10.5 | 100       | MCD25-6 (1)          |  | MCD25-14 (1)        |  | –                 |  |
| MCC35M5  | 35                         | 25, 35   | 5         | 8.9             | 17.0 | 6.5  | 6.0  | 34.0 | 5.3  | 100       | MCD35-6 (1)          |  | MCD35-14 (1)        |  | –                 |  |
| MCC35M6  | 35                         | 25, 35   | 6         | 8.9             | 17.0 | 7.0  | 6.0  | 34.5 | 6.4  | 100       | MCD35-6 (1)          |  | MCD35-14 (1)        |  | –                 |  |
| MCC35M8  | 35                         | 25, 35   | 8         | 8.9             | 17.0 | 9.0  | 8.0  | 38.5 | 8.4  | 100       | MCD35-6 (1)          |  | MCD35-14 (1)        |  | –                 |  |
| MCC35M10 | 35                         | 25, 35   | 10        | 8.9             | 19.0 | 11.0 | 10.0 | 42.5 | 10.5 | 100       | MCD35-6 (1)          |  | MCD35-14 (1)        |  | –                 |  |
| MCC35M12 | 35                         | 25, 35   | 12        | 8.9             | 21.0 | 14.0 | 12.0 | 47.5 | 13.2 | 100       | MCD35-6 (1)          |  | MCD35-14 (1)        |  | –                 |  |
| MCC50M8  | 50                         | 35, 50   | 8         | 10.0            | 19.0 | 19.0 | 8.0  | 42.5 | 8.4  | 50        | MCD50-6 (1)          |  | MCD50-14 (1)        |  | –                 |  |
| MCC50M10 | 50                         | 35, 50   | 10        | 10.0            | 20.0 | 11.0 | 10.0 | 46.5 | 10.5 | 50        | MCD50-6 (1)          |  | MCD50-14 (1)        |  | –                 |  |
| MCC50M12 | 50                         | 35, 50   | 12        | 10.0            | 21.0 | 14.0 | 12.0 | 51.5 | 13.2 | 50        | MCD50-6 (1)          |  | MCD50-14 (1)        |  | –                 |  |

Diagram



\* UL not applicable.

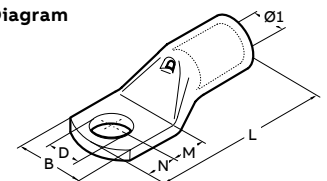
## Compression connectors for copper conductors



### One-hole metric lugs (continued)

| Cat. no.   | Cond. size mm <sup>2</sup> |          | Stud (mm) | Dimensions (mm) |      |      |      |       |      | Std. pkg. | 6-tons<br>TBM62PCR-LI<br>(crimps) | 14-tons<br>TBM14CR-LI<br>(crimps) | 26-tons<br>TBM26MCC<br>(crimps) |
|------------|----------------------------|----------|-----------|-----------------|------|------|------|-------|------|-----------|-----------------------------------|-----------------------------------|---------------------------------|
|            | Low stranded               | Flexible |           | Ø1              | B    | M    | N    | L     | D    |           |                                   |                                   |                                 |
| MCC70M6    | 70                         | 50, 70   | 6         | 11.3            | 21.0 | 8.0  | 7.0  | 44.0  | 6.4  | 50        | MCD70-6 (1)                       | MCD70-14 (1)                      | —                               |
| MCC70M8    | 70                         | 50, 70   | 8         | 11.3            | 21.0 | 9.0  | 8.0  | 46.0  | 8.4  | 50        | MCD70-6 (1)                       | MCD70-14 (1)                      | —                               |
| MCC70M10   | 70                         | 50, 70   | 10        | 11.3            | 21.0 | 11.0 | 10.0 | 50.0  | 10.5 | 50        | MCD70-6 (1)                       | MCD70-14 (1)                      | —                               |
| MCC70M12   | 70                         | 50, 70   | 12        | 11.3            | 22.0 | 14.0 | 12.0 | 55.0  | 13.2 | 50        | MCD70-6 (1)                       | MCD70-14 (1)                      | —                               |
| MCC70M16   | 70                         | 50, 70   | 16        | 11.3            | 26.0 | 18.0 | 16.0 | 63.0  | 17.0 | 50        | MCD70-6 (1)                       | MCD70-14 (1)                      | —                               |
| MCC95M8    | 95                         | 70, 95   | 8         | 13.5            | 25.0 | 9.0  | 8.0  | 52.5  | 8.4  | 50        | MCD95-6 (1)                       | MCD95-14 (1)                      | —                               |
| MCC95M10   | 95                         | 70, 95   | 10        | 13.5            | 25.0 | 11.0 | 10.0 | 56.5  | 10.5 | 50        | MCD95-6 (1)                       | MCD95-14 (1)                      | —                               |
| MCC95M12   | 95                         | 70, 95   | 12        | 13.5            | 25.0 | 14.0 | 12.0 | 61.5  | 13.2 | 50        | MCD95-6 (1)                       | MCD95-14 (1)                      | —                               |
| MCC120M6*  | 120                        | 95, 120  | 8         | —               | —    | —    | —    | —     | 6.4  | 25        | MCD120-6 (1)                      | MCD120-14 (1)                     | —                               |
| MCC120M8   | 120                        | 95, 120  | 8         | 15.2            | 28.5 | 9.0  | 8.0  | 54.0  | 8.4  | 25        | MCD120-6 (1)                      | MCD120-14 (1)                     | —                               |
| MCC120M10  | 120                        | 95, 120  | 10        | 15.2            | 28.5 | 11.0 | 10.0 | 58.0  | 10.5 | 25        | MCD120-6 (1)                      | MCD120-14 (1)                     | —                               |
| MCC120M12  | 120                        | 95, 120  | 12        | 15.2            | 28.5 | 14.0 | 12.0 | 63.0  | 13.2 | 25        | MCD120-6 (1)                      | MCD120-14 (1)                     | —                               |
| MCC120M16  | 120                        | 95, 120  | 16        | 15.2            | 28.5 | 18.0 | 16.0 | 71.0  | 17.0 | 25        | MCD120-6 (1)                      | MCD120-14 (1)                     | —                               |
| MCC150M10  | 150                        | 120, 150 | 10        | 15.2            | 28.5 | 18.0 | 16.0 | 71.0  | 17.0 | 25        | MCD150-6 (3)                      | MCD150-14 (1)                     | —                               |
| MCC150M12  | 150                        | 120, 150 | 12        | 16.7            | 31.5 | 16.0 | 14.0 | 75.0  | 13.2 | 25        | MCD150-6 (3)                      | MCD150-14 (1)                     | —                               |
| MCC150M16  | 150                        | 120, 150 | 16        | 16.7            | 31.5 | 19.0 | 17.0 | 81.0  | 17.0 | 25        | MCD150-6 (3)                      | MCD150-14 (1)                     | —                               |
| MCC185M10  | 185                        | 150, 185 | 10        | 19.2            | 35.5 | 13.0 | 11.0 | 76.0  | 10.5 | 25        | MCD185-6 (3)                      | MCD185-14 (1)                     | —                               |
| MCC185M12  | 185                        | 150, 185 | 12        | 19.2            | 35.5 | 16.0 | 14.0 | 82.0  | 13.2 | 25        | MCD185-6 (3)                      | MCD185-14 (1)                     | —                               |
| MCC185M16  | 185                        | 150, 185 | 16        | 19.2            | 35.5 | 19.0 | 17.0 | 88.0  | 17.0 | 15        | MCD185-6 (3)                      | MCD185-14 (1)                     | —                               |
| MCC240M10  | 240                        | 185, 240 | 10        | 21.1            | 39.0 | 13.0 | 11.0 | 82.0  | 10.5 | 15        | MCD240-6 (3)                      | MCD240-14 (2)                     | —                               |
| MCC240M12  | 240                        | 185, 240 | 12        | 21.1            | 39.0 | 16.0 | 14.0 | 88.0  | 13.2 | 15        | MCD240-6 (3)                      | MCD240-14 (2)                     | —                               |
| MCC240M16  | 240                        | 185, 240 | 16        | 21.1            | 39.0 | 19.0 | 17.0 | 94.0  | 17.0 | 15        | MCD240-6 (3)                      | MCD240-14 (2)                     | —                               |
| MCC300M10  | 300                        | 240      | 10        | 23.7            | 44.0 | 13.0 | 11.0 | 96.0  | 10.5 | 10        | —                                 | MCD300-14 (3)                     | —                               |
| MCC300M12  | 300                        | 240      | 12        | 23.7            | 44.0 | 16.0 | 14.0 | 99.0  | 13.2 | 10        | —                                 | MCD300-14 (3)                     | —                               |
| MCC300M16  | 300                        | 240      | 16        | 23.7            | 44.0 | 19.0 | 19.0 | 10.0  | 17.0 | 10        | —                                 | MCD300-14 (3)                     | —                               |
| MCC400M10* | 400                        | 300      | 10        | 27.0            | 51.0 | 22.0 | 19.0 | 113.0 | 13.2 | 5         | —                                 | MCD400-14 (3)                     | MCD400-26 (2)                   |
| MCC400M12  | 400                        | 300      | 12        | 27.0            | 51.0 | 22.0 | 19.0 | 113.0 | 13.2 | 5         | —                                 | MCD400-14 (3)                     | MCD400-26 (2)                   |
| MCC400M16  | 400                        | 300      | 16        | 27.0            | 51.0 | 22.0 | 19.0 | 113.0 | 17.0 | 5         | —                                 | MCD400-14 (3)                     | MCD400-26 (2)                   |
| MCC500M10* | 500                        | 400      | 10        | —               | —    | —    | —    | —     | 13.2 | 5         | —                                 | —                                 | MCD500-26 (2)                   |
| MCC500M12* | 500                        | 400      | 12        | —               | —    | —    | —    | —     | 17.0 | 5         | —                                 | —                                 | MCD500-26 (2)                   |
| MCC500M16  | 500                        | 400      | 16        | 30.3            | 56.5 | 22.0 | 19.0 | 117.0 | 17.0 | 5         | —                                 | —                                 | MCD500-26 (2)                   |
| MCC630M16  | 630                        | 500      | 16        | 33.4            | 61.6 | 22.0 | 19.0 | 128.0 | 17.0 | 6         | —                                 | —                                 | MCD630-26 (2)                   |
| MCC630M20  | 630                        | 500      | 20        | 33.4            | 61.6 | 24.0 | 23.0 | 134.0 | 21.0 | 6         | —                                 | —                                 | MCD630-26 (2)                   |
| MCC800M16  | 800                        | 630      | 16        | 38.0            | 72.0 | 24.0 | 19.0 | 141.0 | 17.0 | 3         | —                                 | —                                 | —                               |
| MCC800M20  | 800                        | 630      | 20        | 38.0            | 72.0 | 24.0 | 23.0 | 145.0 | 21.0 | 3         | —                                 | —                                 | —                               |
| MCC1000M16 | 1,000                      | 800      | 16        | 44.0            | 80.0 | 24.0 | 19.0 | 158.0 | 17.0 | 2         | —                                 | —                                 | —                               |
| MCC1000M20 | 1,000                      | 800      | 20        | 44.0            | 80.0 | 24.0 | 23.0 | 162.0 | 21.0 | 2         | —                                 | —                                 | —                               |

Diagram



\* UL not applicable.



## Compression connectors for copper conductors



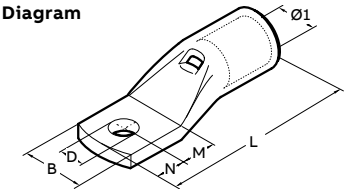
**Narrow-tongue metric lugs**  
Color-Keyed narrow-tongue metric lugs feature a contained tongue width. Our lugs have been specifically developed for applications with low voltage circuit breakers with reduced space requirements. The tongue width allows a quicker and easier installation. Color-Keyed narrow-tongue metric lugs are manufactured from electrolytic copper tube.

The specific design of the barrel and dimensions create the best combination of mechanical strength and electrical conductivity. Color-Keyed narrow-tongue metric lugs are annealed to guarantee optimum ductility and are electrolytically tin-plated to avoid oxidation. The barrel is provided with an internal chamfer for easy insertion of the conductor. The length allows easy positioning of the dies for proper crimping.

Narrow-tongue metric lugs



| Cat. no.    | Cond. size flexible (mm²) | Stud (mm) | Dimensions (mm) |      |      |      |      |      | Std. pkg. | 6-tons TBM62PCR-LI (crimps) | 14-tons TBM14CR-LI (crimps) |
|-------------|---------------------------|-----------|-----------------|------|------|------|------|------|-----------|-----------------------------|-----------------------------|
|             |                           |           | Ø1              | B    | M    | N    | L    | D    |           |                             |                             |
| MCCNT10M5   | 10                        | 5         | 4.6             | 9.0  | 6.5  | 6.0  | 26.0 | 5.3  | 100       | MCD10-6 (1)                 | MCD10-14 (1)                |
| MCCNT16M5   | 16                        | 5         | 5.8             | 9.0  | 6.5  | 6.0  | 29.0 | 5.3  | 100       | MCD16-6 (1)                 | MCD16-14 (1)                |
| MCCNT25M5   | 25                        | 5         | 7.0             | 9.0  | 6.5  | 6.0  | 31.5 | 5.3  | 100       | MCD25-6 (1)                 | MCD25-14 (1)                |
| MCCNT35M6   | 35                        | 6         | 8.9             | 11.5 | 8.0  | 7.0  | 36.5 | 6.4  | 100       | MCD35-6 (2)                 | MCD35-14 (1)                |
| MCCNT50M6   | 50                        | 6         | 10.0            | 11.5 | 8.0  | 7.0  | 40.5 | 6.4  | 50        | MCD50-6 (1)                 | MCD50-14 (1)                |
| MCCNT70M6   | 70                        | 6         | 11.3            | 11.5 | 8.0  | 7.0  | 44.0 | 6.4  | 50        | MCD70-6 (2)                 | MCD70-14 (1)                |
| MCCNT95M8   | 95                        | 8         | 13.5            | 15.5 | 9.0  | 8.0  | 52.5 | 8.0  | 25        | MCD95-6 (1)                 | MCD95-14 (1)                |
| MCCNT120M8  | 120                       | 8         | 15.2            | 19.0 | 14.0 | 9.0  | 60.0 | 8.4  | 25        | MCD120-6 (2)                | MCD120-14 (1)               |
| MCCNT120M10 | 120                       | 10        | 15.2            | 19.0 | 14.0 | 9.0  | 60.0 | 10.5 | 25        | MCD120-6 (2)                | MCD120-14 (1)               |
| MCCNT150M8  | 150                       | 8         | 16.7            | 19.0 | 18.0 | 9.0  | 70.0 | 8.4  | 25        | MCD150-6 (3)                | MCD150-14 (1)               |
| MCCNT150M10 | 150                       | 10        | 16.7            | 19.0 | 18.0 | 9.0  | 70.0 | 10.5 | 25        | MCD150-6 (3)                | MCD150-14 (1)               |
| MCCNT185M10 | 185                       | 10        | 19.2            | 24.5 | 18.0 | 9.0  | 77.0 | 10.5 | 25        | MCD185-6 (3)                | MCD185-14 (1)               |
| MCCNT240M10 | 240                       | 10        | 21.1            | 31.0 | 13.0 | 9.0  | 80.0 | 10.5 | 15        | MCD240-6 (3)                | MCD240-14 (1)               |
| MCCNT240M12 | 240                       | 12        | 21.1            | 31.0 | 16.0 | 12.0 | 86.0 | 13.2 | 15        | MCD240-6 (3)                | MCD240-14 (1)               |
| MCCNT240M16 | 240                       | 16        | 21.1            | 31.0 | 19.0 | 17.0 | 94.0 | 17.0 | 15        | MCD240-6 (3)                | MCD240-14 (1)               |
| MCCNT300M12 | 300                       | 12        | 23.7            | 31.0 | 16.0 | 12.0 | 95.0 | 13.2 | 10        | –                           | MCD300-14 (3)               |



## Compression connectors for copper conductors



### Two-way metric splice connectors

Color-Keyed metric splice connectors are designed for joining low voltage conductors.

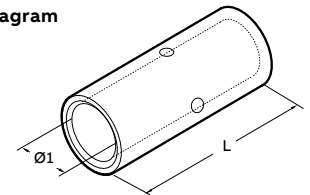
Made of electrolytic copper tube having similar dimensions to the Color-Keyed metric lugs, these connectors are also annealed and electrolytically tin-plated.

They feature an internal chamfer at both ends. For easy insertion of the conductor, a center stop is provided to ensure correct positioning.

### Two-way metric splice connectors

| Cat. no. | Cond. size (mm <sup>2</sup> ) |            | Dimensions (mm) |     | Std. pkg. | 6-tons<br>TBM62PCR-LI<br>(crimps) | 14-tons<br>TBM14CR-LI<br>(crimps) | 26-tons<br>TBM26MCC<br>(crimps) |
|----------|-------------------------------|------------|-----------------|-----|-----------|-----------------------------------|-----------------------------------|---------------------------------|
|          | Low stranded                  | Flexible   | Ø1              | L   |           |                                   |                                   |                                 |
| MCST1    | 0.25 ÷ 1.5                    | 0.25 ÷ 1.5 | 1.8             | 15  | 100       | –                                 | –                                 | –                               |
| MCST2    | 1.5 ÷ 2.5                     | 1.5 ÷ 2.5  | 2.4             | 15  | 100       | –                                 | –                                 | –                               |
| MCST6    | 4 ÷ 6                         | 4 ÷ 6      | 3.6             | 22  | 100       | MCD6-6 (1 +1)                     | –                                 | –                               |
| MCST10   | 10                            | 10         | 4.6             | 25  | 100       | MCD10-6 (1 +1)                    | MCD10-14 (1 +1)                   | –                               |
| MCST16   | 16                            | 16         | 5.8             | 27  | 100       | MCD16-6 (1 +1)                    | MCD16-14 (1 +1)                   | –                               |
| MCST25   | 25                            | 25         | 7.0             | 29  | 100       | MCD25-6 (1 +1)                    | MCD25-14 (1 +1)                   | –                               |
| MCST35   | 35                            | 25 ÷ 35    | 8.9             | 332 | 100       | MCD35-6 (1 +1)                    | MCD35-14 (1 +1)                   | –                               |
| MCST50   | 50                            | 35 ÷ 50    | 10.0            | 37  | 50        | MCD50-6 (2 +2)                    | MCD50-14 (1 +1)                   | –                               |
| MCST70   | 70                            | 50 ÷ 70    | 11.3            | 39  | 50        | MCD70-6 (2 +2)                    | MCD70-14 (1 +1)                   | –                               |
| MCST95   | 95                            | 70 ÷ 95    | 13.5            | 43  | 25        | MCD95-6 (2 +2)                    | MCD95-14 (1 +1)                   | –                               |
| MCST120  | 120                           | 95 ÷ 120   | 15.2            | 47  | 25        | MCD120-6 (2 +2)                   | MCD120-14 (1 +1)                  | –                               |
| MCST150  | 150                           | 120 ÷ 150  | 16.7            | 58  | 25        | MCD150-6 (3 +3)                   | MCD150-14 (1 +1)                  | –                               |
| MCST185  | 185                           | 150 ÷ 85   | 19.2            | 64  | 25        | MCD185-6 (3 +3)                   | MCD185-14 (1 +1)                  | –                               |
| MCST240  | 240                           | 185 ÷ 240  | 21.1            | 75  | 15        | MCD240-6 (3 +3)                   | MCD240-14 (2 +2)                  | –                               |
| MCST300  | 300                           | 240        | 23.7            | 90  | 10        | –                                 | MCD300-14 (3 +3)                  | –                               |
| MCST400  | 400                           | 300        | 27.0            | 94  | 5         | –                                 | MCD400-14 (3 +3)                  | MCD400-26 (2 +2)                |
| MCST500  | 500                           | 400        | 30.3            | 98  | 6         | –                                 | –                                 | MCD500-26 (2 +2)                |
| MCST630  | 600 ÷ 630                     | 500        | 33.4            | 105 | 6         | –                                 | –                                 | MCD630-26 (2 +2)                |
| MCST800  | 800                           | 600        | 38.0            | 112 | 3         | –                                 | –                                 | –                               |
| MCST1000 | 1,000                         | 800        | 44.0            | 120 | 3         | –                                 | –                                 | –                               |

Diagram



## Compression connectors for copper conductors



**Material** – High conductivity wrought copper

**Finish** – Electro tin plated

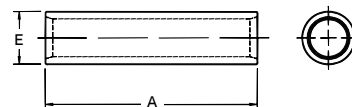
Two-way connectors provide high pullout values, are easy to insulate and provide a low-resistance connection of high quality and low installed cost.



Two-way splice connectors – Standard barrel certified to 600 V and recommended up to 35 kV\*

| Cat. no. | Code cable<br>(AWG or<br>kcmil) | Wire size<br>Flex cable classes G, H, I, K, M*                | Dimensions in. (mm) |             | Die set<br>cat. no. | Colour<br>code |
|----------|---------------------------------|---------------------------------------------------------------|---------------------|-------------|---------------------|----------------|
|          |                                 |                                                               | A                   | E           |                     |                |
| 54504    | #8                              | #8 AWG, 37/24, #8 Weld                                        | 1.00 (25.4)         | 0.27 (6.9)  | 21                  | Red            |
| 54505    | #6                              | #6 AWG, 61/24, #6 Weld, 133/0.014                             | 1.00 (25.4)         | 0.30 (7.6)  | 24                  | Blue           |
| 54506    | #4                              | #4 AWG, 91/24, 133/0.0177, 49/0.029                           | 1.00 (25.4)         | 0.37 (9.4)  | 29                  | Grey           |
| 54507    | #2                              | 125/24, #4 Weld                                               | 1.25 (31.8)         | 0.41 (10.4) | 33                  | Brown          |
| 54508    | #1                              | #2 AWG, 150/24, 175/24, #2 Weld, 133/0.0223                   | 1.50 (38.1)         | 0.47 (11.9) | 37                  | Green          |
| 54509    | 1/0                             | 225/24, #1 Weld, 133/0.0254                                   | 1.63 (41.4)         | 0.52 (13.2) | 42                  | Pink           |
| 54510    | 2/0                             | 1/0 AWG, 275/24, 1/0 Weld, 427/0.0155, 133/0.0282             | 1.75 (44.5)         | 0.57 (14.5) | 45                  | Black          |
| 54511    | 3/0                             | 2/0 AWG, 325/24, 2/0 Weld, 133/0.0316, 259/0.0227, 427/0.0177 | 1.75 (44.5)         | 0.63 (16.0) | 50                  | Orange         |
| 53962    | –                               | 375/24, 179 kcmil, 133/0.0355, 259/0.0255, 427/0.0199         | 1.81 (46.0)         | 0.70 (17.8) | 50                  | Purple         |
| 54512    | 4/0                             | 3/0 AWG, 450/24, 3/0 Weld, 703/0.0154                         | 1.88 (47.8)         | 0.70 (17.8) | 54                  | Yellow         |
| 54513    | 250                             | 4/0 AWG, 550/24, 4/0 Weld, 133/0.0399, 259/0.0286, 637/0.0183 | 2.25 (57.2)         | 0.77 (19.6) | 62                  | White          |
| 53964    | –                               | 4/0 AWG, 550/24, 4/0 Weld, 133/0.0399, 259/0.0286, 637/0.0183 | 2.13 (54.1)         | 0.79 (20.1) | 62                  | Red            |
| 54514    | 300                             | –                                                             | 2.13 (54.1)         | 0.83 (21.1) | 66                  | Blue           |
| 54515    | 350                             | –                                                             | 2.25 (57.2)         | 0.90 (22.9) | 71                  | Brown          |
| 54516    | 400                             | –                                                             | 2.75 (69.9)         | 0.93 (23.6) | 76                  | Green          |
| 53968    | –                               | 300 kcmil, 775/24 (313 kcmil)                                 | 3.00 (76.2)         | 1.13 (28.7) | 87                  | Pink           |
| 54518    | 500                             | –                                                             | 2.75 (69.9)         | 1.11 (28.2) | 87                  | Black          |
| 54520    | 600                             | –                                                             | 3.00 (76.2)         | 1.18 (30.0) | 94                  | Green          |
| 54522-TB | 700                             | –                                                             | 3.25 (82.6)         | 1.23 (31.2) | 99                  | Pink           |
| 53969    | –                               | 1325/24 = 500/535 kcmil, 427/0.0342                           | 3.00 (76.2)         | 1.24 (31.5) | 99                  | Black          |
| 54523-TB | 750                             | –                                                             | 3.00 (76.2)         | 1.30 (33.0) | 106                 | –              |
| 54528    | 1,000                           | –                                                             | 3.63 (92.2)         | 1.50 (38.1) | 125                 | –              |
| 54530    | 1,250                           | –                                                             | 4.13 (104.9)        | 1.67 (42.4) | 140                 | –              |

Diagram



\* For installations from 16 kV up to 35 kV, consult shielded cable manufacturers for stress relief and insulation requirements.

\* Consult your regional sales office for complete list of flex cable class sizes M.

For tool and die selection charts, see the Tools, Dies and Kits catalogue.

## Compression connectors for copper conductors



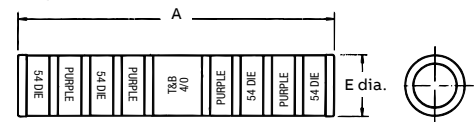
**Material** – High conductivity wrought copper  
**Finish** – Electro tin plated



**Two-way splice connectors – Long barrel certified to 600 V and recommended up to 35 kV\***

| Cat. no. | Code cable<br>(AWG or<br>kcmil) | Wire size<br><br>Flex cable classes G, H, I, K, M | Dimensions in. (mm) |             | Die<br>code | Colour<br>code |
|----------|---------------------------------|---------------------------------------------------|---------------------|-------------|-------------|----------------|
|          |                                 |                                                   | A                   | E           |             |                |
| 54804    | #8                              | #8, 37/24 = 14.9 kcmil                            | 1.75 (44.5)         | 0.27 (6.9)  | 21          | Red            |
| 54805    | #6                              | #6, 61/24 = 24.6 kcmil                            | 1.75 (44.5)         | 0.31 (7.9)  | 24          | Blue           |
| 54806    | #4                              | #4, 91/24 = 36.7 kcmil                            | 1.75 (44.5)         | 0.39 (9.9)  | 29          | Grey           |
| 54807    | #2                              | 125/24 = 50.4 kcmil                               | 1.88 (47.8)         | 0.43 (11.0) | 33          | Brown          |
| 54808    | #1                              | #2, 150/24 = 60.5 kcmil, 175/24 = 70.6 kcmil      | 2.00 (50.8)         | 0.49 (12.4) | 37          | Green          |
| 54809    | 1/0                             | 225/24 = 90.8 kcmil                               | 2.00 (50.8)         | 0.54 (13.7) | 42          | Pink           |
| 54810    | 2/0                             | 1/0, 275/24 = 111 kcmil                           | 2.13 (54.1)         | 0.59 (15.0) | 45          | Black          |
| 54811    | 3/0                             | 2/0, 325/24 = 131 kcmil                           | 2.25 (57.2)         | 0.65 (16.5) | 50          | Orange         |
| 54812    | 4/0                             | 450/24 = 182 kcmil                                | 2.75 (69.9)         | 0.72 (18.3) | 54          | Purple         |
| 54813    | 250                             | 4/0, 550/24 = 222 kcmil                           | 3.38 (85.9)         | 0.79 (20.1) | 62          | Yellow         |
| 54814    | 300                             | 250, 650/24 = 262 kcmil                           | 3.50 (88.9)         | 0.87 (22.1) | 66          | White          |
| 54815    | 350                             | –                                                 | 3.75 (95.3)         | 0.95 (24.1) | 71          | Red            |
| 54816    | 400                             | 775/24 = 313 kcmil                                | 3.75 (95.3)         | 0.98 (24.9) | 76          | Blue           |
| 54818    | 500                             | 350, 925/24 = 373 kcmil                           | 4.75 (120.6)        | 1.11 (28.2) | 87          | Brown          |
| 54820    | 600                             | 1,100/24 = 444 kcmil                              | 4.25 (108.0)        | 1.21 (30.7) | 94          | Green          |
| 54823    | 750                             | 500, 1,325/24 = 535 kcmil                         | 4.75 (120.6)        | 1.34 (34.0) | 106         | Black          |
| 58524    | 750                             | 1,600/24 = 646 kcmil                              | 5.00 (127.0)        | 1.39 (35.3) | 106         | Black          |
| 58526*   | 900                             | 750, 1,925/24 = 777 kcmil                         | 5.50 (139.7)        | 1.51 (38.4) | 115         | Yellow         |
| 54828    | 1,000                           | –                                                 | 5.63 (143.0)        | 1.56 (39.6) | 125         | –              |
| 54833    | 1,500                           | –                                                 | 5.63 (143.0)        | 1.56 (39.6) | 125         | –              |
| 54839    | 2,000                           | –                                                 | 7.06 (179.3)        | 2.13 (54.1) | –           | –              |

**Diagram**



\* For installations from 16 kV up to 35 kV, consult shielded cable manufacturers for stress relief and insulation requirements.

For tool and die selection charts, see the Tools, Dies and Kits catalogue.  
 CSA approved standard cable only.

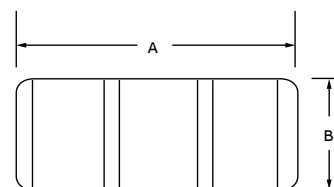
## Compression connectors for copper conductors



Copper two-way splice – Certified to 600 V and recommended up to 15 kV

| Installing tools 14 and 15-tons* |                                |                     |             |                     |                       |             |
|----------------------------------|--------------------------------|---------------------|-------------|---------------------|-----------------------|-------------|
| Cat. no.                         | Cable size<br>(AWG or kcmil)** | Dimensions in. (mm) |             | Die set<br>Cat. no. | Strip length<br>(in.) | Colour code |
|                                  |                                | A                   | B           |                     |                       |             |
| 54006-TB                         | #4                             | 2.00 (50.8)         | 0.37 (9.4)  | 15CA29R             | 1½                    | Grey        |
| 54007-TB                         | #2                             | 2.13 (54.1)         | 0.41 (10.4) | 15CA33R             | 1⅝                    | Brown       |
| 54008-TB                         | #1                             | 2.25 (57.2)         | 0.47 (11.9) | 15CA37R             | 1⅝                    | Green       |
| 54009-TB                         | 1/0                            | 2.38 (60.5)         | 0.52 (13.2) | 15CA42R             | 1¾                    | Pink        |
| 54010                            | 2/0                            | 2.38 (60.5)         | 0.57 (14.5) | 15CA45R             | 1¾                    | Black       |
| 54011                            | 3/0                            | 2.63 (66.8)         | 0.63 (16.0) | 15CA49R             | 1⅞                    | Orange      |
| 54012-TB                         | 4/0                            | 2.69 (68.3)         | 0.69 (17.5) | 15CA54R             | 1⅞                    | Purple      |
| 54013                            | 250                            | 3.19 (81.0)         | 0.74 (18.8) | 15CA60R             | 2⅛                    | Ruby        |
| 54015                            | 350                            | 4.13 (104.9)        | 0.89 (22.6) | 15CA71R             | 2⅝                    | Red         |
| 54018                            | 500                            | 4.13 (104.9)        | 1.06 (40.6) | 15CA87R             | 2⅝                    | Brown       |
| 54023                            | 750                            | 4.75 (120.7)        | 1.30 (33.0) | 15CA106R            | 2⅞                    | Black       |

Diagram



\*Cat. no. 15505-TB die adaptor required for TBM15L.

\*\* Cable size: Concentric and compact strandings.

For tool and die selection charts, see the Tools, Dies and Kits catalogue.



Material – Cast copper

Finish – Electro tin plated



Cast-copper two-way splice connectors – heavy-duty certified to 600 V and recommended up to 35 kV\*

| Cat. no. | Cable size (AWG or kcmil) | Die code |
|----------|---------------------------|----------|
| 53504    | #8                        | 29       |
| 53505    | #6                        | 29       |
| 53506    | #4                        | 29       |
| 53507    | #2                        | 45       |
| 53508    | #1                        | 45       |
| 53509    | 1/0                       | 45       |
| 53510    | 2/0                       | 66       |
| 53511    | 3/0                       | 66       |
| 53512    | 4/0                       | 66       |
| 53513    | 250                       | 76       |
| 53515    | 350                       | 99       |
| 53518    | 500                       | 99       |
| 53523    | 750                       | 112      |

\* For installations from 16 kV up to 35 kV, consult shielded cable manufacturers for stress relief and insulation requirements.

Use hydraulic tools with hex dies 13642M, 13400 and 21940.

For tool and die selection charts, see the Tools, Dies and Kits catalogue.

## Compression connectors for copper conductors

Constant O.D. enables faster, easier installation than contoured design



### Cast-copper reducing splices

ABB takes the splicing of different-sized conductors to a new level of economy and efficiency with Color-Keyed cast-copper reducing splices. In addition to a lower cost, the key benefit to these splices is in their constant outer diameter. Unlike screw-machined, externally contoured splices, cast-copper reducing splices require no change of tool or die between crimping each end. Just slide each wire easily into the chamfered barrel and use the same Color-Keyed tool and die to crimp both ends. The consistent O.D. also makes these splices faster and easier to insulate with clear heat-shrink wrap than a contoured splice. Sand-cast construction ensures high-tensile strength for heavy-duty applications and tin-plated copper material provides high conductivity and superior corrosion resistance.

- Ideal for telecom (inside office/outside plant), commercial, industrial MRO and any other certified to 600 V and recommended up to 35 kV<sup>\*</sup> applications requiring splicing of different-sized conductors.
- Tin-plated, sand-cast copper construction provides superior tensile strength, high conductivity and excellent corrosion resistance.
- Easier to install and insulate than screw-machined, contour-designed reducing splices.
- Constant O.D. saves time on installation by eliminating the need for crimp-tool/die change.
- Fast and simple to insulate with clear or coloured heat-shrink wrap.
- Chamfered barrel facilitates easy wire insertion.
- Compact, low-profile design takes up minimal space in cable tray or wire run.
- Simple installation with Color-Keyed crimp tools (12, 14 and 15 ton).



### Cast-copper reducing splices

| Cat. No.       | Cond. 1 size<br>(AWG or kcmil) | Cond. 2 size<br>(AWG or kcmil) | Length<br>in. (mm) | Dia.<br>in. (mm) | Die<br>Code | Colour<br>Code |
|----------------|--------------------------------|--------------------------------|--------------------|------------------|-------------|----------------|
| 251-30485-19   | 4/0 Str.                       | 2 Str.                         | 2.25 (57.2)        | 0.81 (20.6)      | 66          | White          |
| 251-30485-91   | 500 kcmil Str.                 | 300 kcmil Str.                 | 3.31 (84.1)        | 0.81 (20.6)      | 99          | Pink           |
| 251-30485-229  | 2/0 Str.                       | 250 kcmil Str.                 | 2.38 (60.5)        | 0.93 (23.6)      | 76          | Blue           |
| 251-30485-247  | 2 Str.                         | 8 Str.                         | 0.56 (14.2)        | 0.59 (15.0)      | 45          | Black          |
| 251-30485-294  | 4 Str.                         | 2/0 Str.                       | 2.25 (57.2)        | 0.84 (21.3)      | 66          | White          |
| 251-30485-295  | 4/0 Str.                       | 4 Str.                         | 2.25 (57.2)        | 0.81 (20.6)      | 66          |                |
| 251-30485-331  | 4/0 Str.                       | 350 kcmil Str.                 | 3.31 (84.1)        | 0.53 (13.5)      | 99          | Pink           |
| 251-30485-445  | 4/0 Str.                       | 2/0 Str.                       | 2.25 (57.2)        | 0.81 (20.6)      | 66          | White          |
| 251-30485-495  | 1/0 Str.                       | 2 Str.                         | 1.56 (39.6)        | 0.59 (15.0)      | 45          | Black          |
| 251-30485-610  | 6 Str.                         | 8 Str.                         | 1.21 (30.7)        | 0.38 (9.7)       | 29          | Grey           |
| 251-30485-611  | 4 Str.                         | 8 Str.                         | 1.21 (30.7)        | 0.38 (9.7)       | 29          |                |
| 251-30485-612  | 4 Str.                         | 6 Str.                         | 1.21 (30.7)        | 0.38 (9.7)       | 29          |                |
| 251-30485-613  | 2 Str.                         | 6 Str.                         | 1.56 (39.6)        | 0.59 (15.0)      | 45          | Black          |
| 251-30485-640  | 4/0 Str.                       | 1/0 Str.                       | 2.25 (57.2)        | 0.81 (20.6)      | 66          | White          |
| 251-30485-653  | 2 Str.                         | 250 kcmil Str.                 | 2.38 (60.5)        | 0.93 (23.6)      | 76          | Blue           |
| 251-30485-739  | 1/0 Str.                       | 250 kcmil Str.                 | 2.38 (60.5)        | 0.93 (23.6)      | 76          |                |
| 251-30485-882  | 400 kcmil Str.                 | 350 kcmil Str.                 | 3.31 (84.1)        | 0.53 (13.5)      | 99          | Pink           |
| 251-30485-950  | 1/0 Str.                       | 6 Str.                         | 1.56 (39.6)        | 0.59 (15.0)      | 45          | Black          |
| 251-30485-951  | 6 Str.                         | 2/0 Str.                       | 2.25 (57.2)        | 0.84 (21.3)      | 66          | White          |
| 251-30485-1027 | 1/0 Str.                       | 4 Str.                         | 1.56 (39.6)        | 0.59 (15.0)      | 45          | Black          |
| 251-30485-1029 | 1/0 Str.                       | #12 Str.                       | 1.56 (39.6)        | 0.57 (14.5)      | 45          |                |
| 251-30485-1030 | 10 Str.                        | 4 Str.                         | 1.21 (30.7)        | 0.38 (9.7)       | 29          | Grey           |
| 251-30485-1031 | 12 Str.                        | 4 Str.                         | 1.21 (30.7)        | 0.38 (9.7)       | 29          |                |
| 251-30485-1032 | #6 Str.                        | #10 Str.                       | 1.21 (30.7)        | 0.38 (9.7)       | 29          |                |
| 251-30485-1033 | 12 Str.                        | 6 Str.                         | 1.21 (30.7)        | 0.38 (9.7)       | 29          |                |
| 251-30485-1034 | 14 Str.                        | 8 Str.                         | 1.21 (30.7)        | 0.38 (9.7)       | 29          |                |
| 251-30485-1035 | 1 Str.                         | 1/0 Str.                       | 1.56 (39.6)        | 0.59 (15.0)      | 45          | Black          |
| 251-30485-1044 | 10 Str.                        | 8 Str.                         | 1.21 (30.7)        | 0.38 (9.7)       | 29          | Grey           |
| 251-30485-1045 | 12 Str.                        | 8 Str.                         | 1.21 (30.7)        | 0.38 (9.7)       | 29          |                |
| 251-30485-1085 | 10 Str.                        | 1/0 Str.                       | 1.56 (39.6)        | 0.59 (15.0)      | 45          | Black          |
| 251-30485-1086 | 10 Str.                        | 2/0 Str.                       | 2.25 (57.2)        | 0.84 (21.3)      | 66          | White          |
| 251-30485-1087 | 4 Str.                         | 250 kcmil Str.                 | 2.38 (60.5)        | 0.93 (23.6)      | 76          | Blue           |
| 251-30485-1088 | 400 kcmil Str.                 | 250 kcmil Str.                 | 3.31 (84.1)        | 0.53 (13.5)      | 99          | Pink           |
| 251-30485-1089 | 14 Str.                        | 8 Sol.                         | 1.21 (30.7)        | 0.38 (9.7)       | 29          | Grey           |
| 251-30485-1090 | 12 Str.                        | 8 Sol.                         | 1.21 (30.7)        | 0.38 (9.7)       | 29          |                |
| 251-30485-1091 | 10 Str.                        | 8 Sol.                         | 1.21 (30.7)        | 0.38 (9.7)       | 29          |                |
| 251-30485-1092 | 12 Str.                        | 6 Sol.                         | 1.21 (30.7)        | 0.38 (9.7)       | 29          |                |
| 251-30485-1093 | 8 Str.                         | 6 Sol.                         | 1.21 (30.7)        | 0.38 (9.7)       | 29          |                |
| 251-30485-1094 | 4 Str.                         | 6 Sol.                         | 1.21 (30.7)        | 0.38 (9.7)       | 29          |                |
| 251-30485-1095 | 2 Str.                         | 6 Sol.                         | 1.56 (39.6)        | 0.59 (15.0)      | 45          | Black          |
| 251-30485-1096 | 12 Str.                        | 4 Sol.                         | 1.21 (30.7)        | 0.38 (9.7)       | 29          | Grey           |
| 251-30485-1097 | 10 Str.                        | 4 Sol.                         | 1.21 (30.7)        | 0.38 (9.7)       | 29          |                |
| 251-30485-1098 | 8 Str.                         | 4 Sol.                         | 1.21 (30.7)        | 0.38 (9.7)       | 29          |                |
| 251-30485-1099 | 6 Str.                         | 4 Sol.                         | 1.21 (30.7)        | 0.38 (9.7)       | 29          |                |
| 251-30485-1100 | 1/0 Str.                       | 4 Sol.                         | 1.56 (39.6)        | 0.59 (15.0)      | 45          | Black          |
| 251-30485-1130 | Cast Copper*                   | 12-4 Str.                      | 1.28 (32.5)        | 0.38 (9.7)       | 29          |                |
| 251-30485-1245 | 1/0 Flex                       | #4 Flex                        | 2.25 (57.2)        | 0.81 (20.6)      | 66          | White          |
| 251-30485-1246 | #4 Flex                        | #8 Flex                        | 1.56 (39.6)        | 0.57 (14.5)      | 45          | Black          |

<sup>\*</sup> For installations from 16 kV up to 35 kV, consult shielded cable manufacturers for stress relief and insulation requirements.

\* Cast copper – field-modifiable special.