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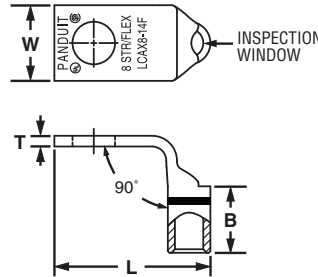


## Flex Conductor, One-Hole, Standard Barrel with Window Lug, 90° Angle

**For Use with Flexible, Extra-Flexible, and Code Stranded Copper Conductors**

### Type LCAX-F

- Can be used with code conductor and flex conductor class: G, H, I, K, M and Diesel Locomotive
- Generously beveled wire entry prevents bent back strands when inserting conductor into barrel
- Color-coded barrels marked with Panduit and specified competitor die index numbers for proper crimp die selection
- Inspection window to visually assure full conductor insertion
- Tin-plated to inhibit corrosion
- UL Listed and CSA Certified to 35 KV\*\* and temperature rated to 90°C when crimped with Panduit and specified competitor crimping tools and dies
- American Bureau of Shipping approved



| Part Number   | Flex Conductor Size |                   | Code Conductor Size | Stud Hole Size (In.) | Figure Dimensions (In.) |      |      |      | Panduit Color Code | Panduit Die Index No.‡ | Burndy Die Index No.‡ | T&B Die Index No.‡ | Wire Strip Length (In.) | Std. Pkg. Qty. |
|---------------|---------------------|-------------------|---------------------|----------------------|-------------------------|------|------|------|--------------------|------------------------|-----------------------|--------------------|-------------------------|----------------|
|               | Class G, H, I, K, M | Diesel Locomotive |                     |                      | W                       | B    | T    | L    |                    |                        |                       |                    |                         |                |
| LCAX8-10F-L   | #8 AWG              | #8 AWG            | #8 AWG              | #10                  | 0.41                    | 0.42 | 0.08 | 0.90 | Red                | P21                    | 49                    | 21                 | 1/2                     | 50             |
| LCAX8-14F-L   |                     |                   |                     | 1/4                  | 0.48                    | 0.42 | 0.07 | 0.99 | Red                | P21                    | 49                    | 21                 | 1/2                     | 50             |
| LCAX8-56F-L   |                     |                   |                     | 5/16                 | 0.56                    | 0.42 | 0.05 | 1.11 | Red                | P21                    | 49                    | 21                 | 1/2                     | 50             |
| LCAX8-38F-L   |                     |                   |                     | 3/8                  | 0.60                    | 0.42 | 0.05 | 1.21 | Red                | P21                    | 49                    | 21                 | 1/2                     | 50             |
| LCAX6-10F-L   | #6 AWG              | #6 AWG            | #6 AWG              | #10                  | 0.45                    | 0.48 | 0.09 | 0.99 | Blue               | P24                    | 7                     | 24                 | 9/16                    | 50             |
| LCAX6-14F-L   |                     |                   |                     | 1/4                  | 0.48                    | 0.48 | 0.08 | 1.03 | Blue               | P24                    | 7                     | 24                 | 9/16                    | 50             |
| LCAX6-56F-L   |                     |                   |                     | 5/16                 | 0.56                    | 0.48 | 0.07 | 1.15 | Blue               | P24                    | 7                     | 24                 | 9/16                    | 50             |
| LCAX6-38F-L   |                     |                   |                     | 3/8                  | 0.62                    | 0.48 | 0.06 | 1.25 | Blue               | P24                    | 7                     | 24                 | 9/16                    | 50             |
| LCAX4-10F-L   | #4 AWG              | #5, #4, #3 AWG    | #4 AWG              | #10                  | 0.55                    | 0.53 | 0.09 | 1.03 | Gray               | P29                    | 8                     | 29                 | 5/8                     | 50             |
| LCAX4-14F-L   |                     |                   |                     | 1/4                  | 0.55                    | 0.53 | 0.09 | 1.12 | Gray               | P29                    | 8                     | 29                 | 5/8                     | 50             |
| LCAX4-56F-L   |                     |                   |                     | 5/16                 | 0.55                    | 0.53 | 0.09 | 1.24 | Gray               | P29                    | 8                     | 29                 | 5/8                     | 50             |
| LCAX4-38F-L   |                     |                   |                     | 3/8                  | 0.62                    | 0.53 | 0.07 | 1.34 | Gray               | P29                    | 8                     | 29                 | 5/8                     | 50             |
| LCAX2-10F-E*  | #2 AWG              | #2 AWG            | #2 AWG              | #10                  | 0.70                    | 0.59 | 0.11 | 1.21 | Brown              | P33                    | 10                    | 33                 | 11/16                   | 20             |
| LCAX2-14F-E*  |                     |                   |                     | 1/4                  | 0.70                    | 0.59 | 0.11 | 1.31 | Brown              | P33                    | 10                    | 33                 | 11/16                   | 20             |
| LCAX2-56F-E*  |                     |                   |                     | 5/16                 | 0.70                    | 0.59 | 0.11 | 1.44 | Brown              | P33                    | 10                    | 33                 | 11/16                   | 20             |
| LCAX2-38F-E*  |                     |                   |                     | 3/8                  | 0.70                    | 0.59 | 0.11 | 1.51 | Brown              | P33                    | 10                    | 33                 | 11/16                   | 20             |
| LCAX2-12F-E*  | #1 AWG              | #1 AWG            | #1 AWG              | 1/2                  | 0.75                    | 0.59 | 0.09 | 1.75 | Brown              | P33                    | 10                    | 33                 | 11/16                   | 20             |
| LCAX1-10F-X   |                     |                   |                     | #10                  | 0.76                    | 0.66 | 0.12 | 1.28 | Green              | P37                    | 11                    | 37                 | 3/4                     | 10             |
| LCAX1-14F-X   |                     |                   |                     | 1/4                  | 0.76                    | 0.66 | 0.12 | 1.45 | Green              | P37                    | 11                    | 37                 | 3/4                     | 10             |
| LCAX1-56F-X   |                     |                   |                     | 5/16                 | 0.76                    | 0.66 | 0.12 | 1.51 | Green              | P37                    | 11                    | 37                 | 3/4                     | 10             |
| LCAX1-38F-X   | 1/0 AWG             | 1/0 AWG           | 1/0 AWG             | 3/8                  | 0.76                    | 0.66 | 0.12 | 1.58 | Green              | P37                    | 11                    | 37                 | 3/4                     | 10             |
| LCAX1-12F-X   |                     |                   |                     | 1/2                  | 0.80                    | 0.66 | 0.12 | 1.82 | Green              | P37                    | 11                    | 37                 | 3/4                     | 10             |
| LCAX1/0-14F-X |                     |                   |                     | 1/4                  | 0.85                    | 0.72 | 0.13 | 1.59 | Pink               | P42                    | 12                    | 42                 | 3/4                     | 10             |
| LCAX1/0-56F-X |                     |                   |                     | 5/16                 | 0.85                    | 0.72 | 0.13 | 1.59 | Pink               | P42                    | 12                    | 42                 | 3/4                     | 10             |
| LCAX1/0-38F-X | 1/0 AWG             | 1/0 AWG           | 1/0 AWG             | 3/8                  | 0.85                    | 0.72 | 0.13 | 1.66 | Pink               | P42                    | 12                    | 42                 | 3/4                     | 10             |
| LCAX1/0-12F-X |                     |                   |                     | 1/2                  | 0.85                    | 0.72 | 0.13 | 1.91 | Pink               | P42                    | 12                    | 42                 | 3/4                     | 10             |

‡See pages D3.70 – D3.73 for tool and die information.

\*Not UL Listed or CSA Certified with Class K flex conductor when crimped with Burndy tools.

\*\*Consult cable manufacturer for voltage stress relief instructions with applications greater than 2000 V.



## Flex Conductor, One-Hole, Standard Barrel with Window Lug, 90° Angle (continued)

| Part Number   | Flex Conductor Size    |                      | Code<br>Conductor<br>Size | Stud Hole<br>Size (In.) | Figure Dimensions<br>(In.) |      |      |      | Panduit<br>Color<br>Code | Panduit<br>Die Index<br>No.† | Burndy<br>Die Index<br>No.‡ | T&B<br>Die Index<br>No.‡ | Wire<br>Strip<br>Length<br>(In.) | Std.<br>Pkg.<br>Qty. |
|---------------|------------------------|----------------------|---------------------------|-------------------------|----------------------------|------|------|------|--------------------------|------------------------------|-----------------------------|--------------------------|----------------------------------|----------------------|
|               | Class<br>G, H, I, K, M | Diesel<br>Locomotive |                           |                         | W                          | B    | T    | L    |                          |                              |                             |                          |                                  |                      |
| LCAX2/0-10F-X | 2/0 AWG                | 2/0 AWG              | 2/0 AWG                   | #10                     | 0.96                       | 0.83 | 0.13 | 1.42 | Black                    | P45                          | 13                          | 45                       | 7/8                              | 10                   |
| LCAX2/0-14F-X |                        |                      |                           | 1/4                     | 0.96                       | 0.83 | 0.13 | 1.67 | Black                    | P45                          | 13                          | 45                       | 7/8                              | 10                   |
| LCAX2/0-56F-X |                        |                      |                           | 5/16                    | 0.96                       | 0.83 | 0.13 | 1.67 | Black                    | P45                          | 13                          | 45                       | 7/8                              | 10                   |
| LCAX2/0-38F-X |                        |                      |                           | 3/8                     | 0.96                       | 0.83 | 0.13 | 1.73 | Black                    | P45                          | 13                          | 45                       | 7/8                              | 10                   |
| LCAX2/0-12F-X |                        |                      |                           | 1/2                     | 0.96                       | 0.83 | 0.13 | 1.98 | Black                    | P45                          | 13                          | 45                       | 7/8                              | 10                   |
| LCAX2/0-58F-X |                        |                      |                           | 5/8                     | 0.96                       | 0.83 | 0.13 | 2.27 | Black                    | P45                          | 13                          | 45                       | 7/8                              | 10                   |
| LCAX3/0-10F-X | 3/0 AWG                | 3/0 AWG              | 3/0 AWG                   | #10                     | 1.06                       | 0.91 | 0.14 | 1.51 | Orange                   | P50                          | 14                          | 50                       | 1                                | 10                   |
| LCAX3/0-14F-X |                        |                      |                           | 1/4                     | 1.06                       | 0.91 | 0.14 | 1.75 | Orange                   | P50                          | 14                          | 50                       | 1                                | 10                   |
| LCAX3/0-56F-X |                        |                      |                           | 5/16                    | 1.06                       | 0.91 | 0.14 | 1.77 | Orange                   | P50                          | 14                          | 50                       | 1                                | 10                   |
| LCAX3/0-38F-X |                        |                      |                           | 3/8                     | 1.06                       | 0.91 | 0.14 | 1.84 | Orange                   | P50                          | 14                          | 50                       | 1                                | 10                   |
| LCAX3/0-12F-X | 4/0 AWG                | 4/0 AWG              | 4/0 AWG                   | 1/2                     | 1.06                       | 0.91 | 0.14 | 2.07 | Orange                   | P50                          | 14                          | 50                       | 1                                | 10                   |
| LCAX4/0-14F-X |                        |                      |                           | 1/4                     | 1.19                       | 1.03 | 0.16 | 1.84 | Purple                   | P54                          | 15                          | 54                       | 1 1/16                           | 10                   |
| LCAX4/0-56F-X |                        |                      |                           | 5/16                    | 1.19                       | 1.03 | 0.16 | 2.07 | Purple                   | P54                          | 15                          | 54                       | 1 1/16                           | 10                   |
| LCAX4/0-38F-X |                        |                      |                           | 3/8                     | 1.19                       | 1.03 | 0.16 | 2.07 | Purple                   | P54                          | 15                          | 54                       | 1 1/16                           | 10                   |
| LCAX4/0-12F-X |                        |                      |                           | 1/2                     | 1.19                       | 1.03 | 0.16 | 2.18 | Purple                   | P54                          | 15                          | 54                       | 1 1/16                           | 10                   |
| LCAX4/0-58F-X |                        |                      |                           | 5/8                     | 1.19                       | 1.03 | 0.16 | 2.39 | Purple                   | P54                          | 15                          | 54                       | 1 1/16                           | 10                   |
| LCAX4/0-34F-X | 250 kcmil              | 262.6 kcmil          | —                         | 3/4                     | 1.19                       | 1.03 | 0.16 | 2.58 | Purple                   | P54                          | 15                          | 54                       | 1 1/16                           | 10                   |
| LCAX250-14F-X |                        |                      |                           | 1/4                     | 1.28                       | 1.03 | 0.17 | 1.90 | Yellow                   | P62                          | 16                          | 62                       | 1 1/16                           | 10                   |
| LCAX250-56F-X |                        |                      |                           | 5/16                    | 1.28                       | 1.03 | 0.17 | 2.13 | Yellow                   | P62                          | 16                          | 62                       | 1 1/16                           | 10                   |
| LCAX250-38F-X |                        |                      |                           | 3/8                     | 1.28                       | 1.03 | 0.17 | 2.13 | Yellow                   | P62                          | 16                          | 62                       | 1 1/16                           | 10                   |
| LCAX250-12F-X |                        |                      |                           | 1/2                     | 1.28                       | 1.03 | 0.17 | 2.24 | Yellow                   | P62                          | 16                          | 62                       | 1 1/16                           | 10                   |
| LCAX250-58F-X |                        |                      |                           | 5/8                     | 1.28                       | 1.03 | 0.17 | 2.45 | Yellow                   | P62                          | 16                          | 62                       | 1 1/16                           | 10                   |
| LCAX250-34F-X | 300 kcmil              | 313.1 kcmil          | —                         | 3/4                     | 1.28                       | 1.03 | 0.17 | 2.64 | Yellow                   | P62                          | 16                          | 62                       | 1 1/16                           | 10                   |
| LCAX300-38F-6 |                        |                      |                           | 3/8                     | 1.39                       | 1.19 | 0.18 | 2.37 | Red                      | P71                          | 18                          | 71H                      | 1 1/4                            | 6                    |
| LCAX300-12F-6 |                        |                      |                           | 1/2                     | 1.39                       | 1.19 | 0.18 | 2.37 | Red                      | P71                          | 18                          | 71H                      | 1 1/4                            | 6                    |
| LCAX300-58F-6 | 350 kcmil              | 373.7 kcmil          | —                         | 5/8                     | 1.39                       | 1.19 | 0.18 | 2.58 | Red                      | P71                          | 18                          | 71H                      | 1 1/4                            | 6                    |
| LCAX350-56F-6 |                        |                      |                           | 5/16                    | 1.54                       | 1.29 | 0.22 | 2.32 | Blue                     | P76                          | 19                          | 76H                      | 1 3/8                            | 6                    |
| LCAX350-38F-6 |                        |                      |                           | 3/8                     | 1.54                       | 1.29 | 0.22 | 2.32 | Blue                     | P76                          | 19                          | 76H                      | 1 3/8                            | 6                    |
| LCAX350-12F-6 |                        |                      |                           | 1/2                     | 1.54                       | 1.29 | 0.22 | 2.48 | Blue                     | P76                          | 19                          | 76H                      | 1 3/8                            | 6                    |
| LCAX350-58F-6 | 450 kcmil              | 444.4 kcmil          | —                         | 5/8                     | 1.54                       | 1.29 | 0.22 | 2.69 | Blue                     | P76                          | 19                          | 76H                      | 1 3/8                            | 6                    |
| LCAX450-12F-6 |                        |                      |                           | 1/2                     | 1.70                       | 1.40 | 0.26 | 2.95 | Brown                    | P87                          | 20                          | 87H                      | 1 7/16                           | 6                    |
| LCAX450-58F-6 |                        |                      |                           | 5/8                     | 1.70                       | 1.40 | 0.26 | 3.08 | Brown                    | P87                          | 20                          | 87H                      | 1 7/16                           | 6                    |
| LCAX500-56F-6 | 500 kcmil              | 535.3 kcmil          | —                         | 5/16                    | 1.89                       | 1.48 | 0.26 | 2.44 | Pink                     | P99                          | L99                         | 99H                      | 1 9/16                           | 6                    |
| LCAX500-38F-6 |                        |                      |                           | 3/8                     | 1.89                       | 1.48 | 0.26 | 2.69 | Pink                     | P99                          | L99                         | 99H                      | 1 9/16                           | 6                    |
| LCAX500-12F-6 |                        |                      |                           | 1/2                     | 1.89                       | 1.48 | 0.26 | 2.81 | Pink                     | P99                          | L99                         | 99H                      | 1 9/16                           | 6                    |
| LCAX500-58F-6 |                        |                      |                           | 5/8                     | 1.89                       | 1.48 | 0.26 | 3.37 | Pink                     | P99                          | L99                         | 99H                      | 1 9/16                           | 6                    |
| LCAX650-56F-6 | —                      | 646.4 kcmil          | —                         | 5/16                    | 1.95                       | 1.45 | 0.30 | 2.50 | Black                    | P106                         | 24                          | 106H                     | 1 1/2                            | 6                    |
| LCAX650-38F-6 |                        |                      |                           | 3/8                     | 1.95                       | 1.45 | 0.30 | 2.50 | Black                    | P106                         | 24                          | 106H                     | 1 1/2                            | 6                    |
| LCAX650-12F-6 |                        |                      |                           | 1/2                     | 1.95                       | 1.45 | 0.30 | 2.86 | Black                    | P106                         | 24                          | 106H                     | 1 1/2                            | 6                    |
| LCAX650-58F-6 |                        |                      |                           | 5/8                     | 1.95                       | 1.45 | 0.30 | 3.42 | Black                    | P106                         | 24                          | 106H                     | 1 1/2                            | 6                    |
| LCAX750-12F-3 | —                      | 777.7 kcmil          | —                         | 1/2                     | 2.17                       | 1.66 | 0.32 | 2.86 | Yellow                   | P115                         | L115                        | 115H                     | 1 3/4                            | 3                    |
| LCAX750-58F-3 |                        |                      |                           | 5/8                     | 2.17                       | 1.66 | 0.32 | 3.67 | Yellow                   | P115                         | L115                        | 115H                     | 1 3/4                            | 3                    |

†See pages D3.70 – D3.73 for tool and die information.

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