

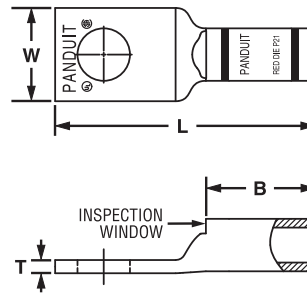


## Code Conductor, One-Hole, Standard Barrel with Window Lug

For Use with Stranded Copper Conductors

### Type LCA

- 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
- UL Listed and CSA Certified for wide wire range-taking capability when crimped with Panduit® Uni-Die™ Dieless Crimping Tools‡
- Tested by Telcordia – meets NEBS Level 3
- American Bureau of Shipping Approved



| Part Number | Copper Conductor Size                | Stud Hole Size (In.) | Figure Dimensions (In.) |      |      |      | Panduit Color Code | Panduit Die Index No.‡ | Burdny Die Index No.‡ | T&B Die Index No.‡ | Wire Strip Length (In.) | Std. Pkg. Qty. |
|-------------|--------------------------------------|----------------------|-------------------------|------|------|------|--------------------|------------------------|-----------------------|--------------------|-------------------------|----------------|
|             |                                      |                      | W                       | B    | T    | L    |                    |                        |                       |                    |                         |                |
| LCA10-10-L* |                                      | #10                  | 0.38                    | 0.38 | 0.06 | 1.07 | —                  | —                      | —                     | —                  | 7/16                    | 50             |
| LCA10-14-L* | #14 – #10 AWG STR, #12 – #10 AWG SOL | 1/4                  | 0.42                    | 0.38 | 0.05 | 1.16 | —                  | —                      | —                     | —                  | 7/16                    | 50             |
| LCA10-56-L* |                                      | 5/16                 | 0.54                    | 0.38 | 0.04 | 1.28 | —                  | —                      | —                     | —                  | 7/16                    | 50             |
| LCA10-38-L* |                                      | 3/8                  | 0.56                    | 0.38 | 0.04 | 1.38 | —                  | —                      | —                     | —                  | 7/16                    | 50             |
| LCA8-10-L   | #8 AWG                               | #10                  | 0.41                    | 0.56 | 0.08 | 1.25 | Red                | P21                    | 49                    | 21                 | 5/8                     | 50             |
| LCA8-14-L   |                                      | 1/4                  | 0.48                    | 0.56 | 0.07 | 1.34 | Red                | P21                    | 49                    | 21                 | 5/8                     | 50             |
| LCA8-56-L   |                                      | 5/16                 | 0.56                    | 0.56 | 0.05 | 1.46 | Red                | P21                    | 49                    | 21                 | 5/8                     | 50             |
| LCA8-38-L   |                                      | 3/8                  | 0.60                    | 0.56 | 0.05 | 1.56 | Red                | P21                    | 49                    | 21                 | 5/8                     | 50             |
| LCA6-10-L   | #6 AWG                               | #10                  | 0.45                    | 0.81 | 0.09 | 1.52 | Blue               | P24                    | 7                     | 24                 | 7/8                     | 50             |
| LCA6-14-L   |                                      | 1/4                  | 0.48                    | 0.81 | 0.08 | 1.61 | Blue               | P24                    | 7                     | 24                 | 7/8                     | 50             |
| LCA6-56-L   |                                      | 5/16                 | 0.56                    | 0.81 | 0.07 | 1.73 | Blue               | P24                    | 7                     | 24                 | 7/8                     | 50             |
| LCA6-38-L   |                                      | 3/8                  | 0.62                    | 0.81 | 0.06 | 1.83 | Blue               | P24                    | 7                     | 24                 | 7/8                     | 50             |
| LCA6-12-L   |                                      | 1/2                  | 0.75                    | 0.81 | 0.07 | 2.23 | Blue               | P24                    | 7                     | 24                 | 7/8                     | 50             |
| LCA4-10-L   | #4 – #3 AWG STR, #2 AWG SOL          | #10                  | 0.55                    | 0.81 | 0.09 | 1.54 | Gray               | P29                    | 8                     | 29                 | 7/8                     | 50             |
| LCA4-14-L   |                                      | 1/4                  | 0.55                    | 0.81 | 0.09 | 1.63 | Gray               | P29                    | 8                     | 29                 | 7/8                     | 50             |
| LCA4-56-L   |                                      | 5/16                 | 0.55                    | 0.81 | 0.09 | 1.75 | Gray               | P29                    | 8                     | 29                 | 7/8                     | 50             |
| LCA4-38-L   |                                      | 3/8                  | 0.62                    | 0.81 | 0.07 | 1.85 | Gray               | P29                    | 8                     | 29                 | 7/8                     | 50             |
| LCA4-12-L   |                                      | 1/2                  | 0.75                    | 0.81 | 0.07 | 2.23 | Gray               | P29                    | 8                     | 29                 | 7/8                     | 50             |
| LCA2-14-Q   | #2 AWG                               | 1/4                  | 0.60                    | 0.88 | 0.10 | 1.77 | Brown              | P33                    | 10                    | 33                 | 15/16                   | 25             |
| LCA2-56-Q   |                                      | 5/16                 | 0.66                    | 0.88 | 0.10 | 1.90 | Brown              | P33                    | 10                    | 33                 | 15/16                   | 25             |
| LCA2-38-Q   |                                      | 3/8                  | 0.66                    | 0.88 | 0.10 | 1.97 | Brown              | P33                    | 10                    | 33                 | 15/16                   | 25             |
| LCA2-12-Q   |                                      | 1/2                  | 0.75                    | 0.88 | 0.08 | 2.21 | Brown              | P33                    | 10                    | 33                 | 15/16                   | 25             |
| LCA1-14-E   | #1 AWG                               | 1/4                  | 0.70                    | 0.88 | 0.11 | 1.79 | Green              | P37                    | 11                    | 37                 | 15/16                   | 20             |
| LCA1-56-E   |                                      | 5/16                 | 0.70                    | 0.88 | 0.11 | 1.92 | Green              | P37                    | 11                    | 37                 | 15/16                   | 20             |
| LCA1-38-E   |                                      | 3/8                  | 0.70                    | 0.88 | 0.11 | 1.99 | Green              | P37                    | 11                    | 37                 | 15/16                   | 20             |
| LCA1-12-E   |                                      | 1/2                  | 0.75                    | 0.88 | 0.09 | 2.23 | Green              | P37                    | 11                    | 37                 | 15/16                   | 20             |

‡See pages D3.58 – D3.61 for tool and die information.

\*Not tested to NEBS Level 3 requirements.

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

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F. Index



## Code Conductor, One-Hole, Standard Barrel with Window Lug (continued)

| Part Number        | Copper 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. |
|--------------------|-----------------------|----------------------|-------------------------|------|------|------|--------------------|------------------------|-----------------------|--------------------|-------------------------|----------------|
|                    |                       |                      | W                       | B    | T    | L    |                    |                        |                       |                    |                         |                |
| <b>LCA1/0-14-X</b> | 1/0 AWG               | 1/4                  | 0.76                    | 0.94 | 0.12 | 1.95 | Pink               | P42                    | 12                    | 42                 | 1                       | 10             |
| <b>LCA1/0-56-X</b> |                       | 5/16                 | 0.76                    | 0.94 | 0.12 | 2.00 | Pink               | P42                    | 12                    | 42                 | 1                       | 10             |
| <b>LCA1/0-38-X</b> |                       | 3/8                  | 0.76                    | 0.94 | 0.12 | 2.08 | Pink               | P42                    | 12                    | 42                 | 1                       | 10             |
| <b>LCA1/0-12-X</b> |                       | 1/2                  | 0.80                    | 0.94 | 0.12 | 2.31 | Pink               | P42                    | 12                    | 42                 | 1                       | 10             |
| <b>LCA2/0-14-X</b> | 2/0 AWG               | 1/4                  | 0.85                    | 0.98 | 0.13 | 2.09 | Black              | P45                    | 13                    | 45                 | 1 1/16                  | 10             |
| <b>LCA2/0-56-X</b> |                       | 5/16                 | 0.85                    | 0.98 | 0.13 | 2.09 | Black              | P45                    | 13                    | 45                 | 1 1/16                  | 10             |
| <b>LCA2/0-38-X</b> |                       | 3/8                  | 0.85                    | 0.98 | 0.13 | 2.15 | Black              | P45                    | 13                    | 45                 | 1 1/16                  | 10             |
| <b>LCA2/0-12-X</b> |                       | 1/2                  | 0.85                    | 0.98 | 0.13 | 2.40 | Black              | P45                    | 13                    | 45                 | 1 1/16                  | 10             |
| <b>LCA3/0-14-X</b> | 3/0 AWG               | 1/4                  | 0.96                    | 1.14 | 0.13 | 2.28 | Orange             | P50                    | 14                    | 50                 | 1 3/16                  | 10             |
| <b>LCA3/0-56-X</b> |                       | 5/16                 | 0.96                    | 1.14 | 0.13 | 2.28 | Orange             | P50                    | 14                    | 50                 | 1 3/16                  | 10             |
| <b>LCA3/0-38-X</b> |                       | 3/8                  | 0.96                    | 1.14 | 0.13 | 2.34 | Orange             | P50                    | 14                    | 50                 | 1 3/16                  | 10             |
| <b>LCA3/0-12-X</b> |                       | 1/2                  | 0.96                    | 1.14 | 0.13 | 2.59 | Orange             | P50                    | 14                    | 50                 | 1 3/16                  | 10             |
| <b>LCA4/0-14-X</b> | 4/0 AWG               | 1/4                  | 1.06                    | 1.19 | 0.14 | 2.36 | Purple             | P54                    | 15                    | 54                 | 1 1/4                   | 10             |
| <b>LCA4/0-56-X</b> |                       | 5/16                 | 1.06                    | 1.19 | 0.14 | 2.38 | Purple             | P54                    | 15                    | 54                 | 1 1/4                   | 10             |
| <b>LCA4/0-38-X</b> |                       | 3/8                  | 1.06                    | 1.19 | 0.14 | 2.45 | Purple             | P54                    | 15                    | 54                 | 1 1/4                   | 10             |
| <b>LCA4/0-12-X</b> |                       | 1/2                  | 1.06                    | 1.19 | 0.14 | 2.68 | Purple             | P54                    | 15                    | 54                 | 1 1/4                   | 10             |
| <b>LCA250-14-X</b> | 250 kcmil             | 1/4                  | 1.17                    | 1.25 | 0.14 | 2.47 | Yellow             | P62                    | 16                    | 62                 | 1 5/16                  | 10             |
| <b>LCA250-56-X</b> |                       | 5/16                 | 1.17                    | 1.25 | 0.14 | 2.48 | Yellow             | P62                    | 16                    | 62                 | 1 5/16                  | 10             |
| <b>LCA250-38-X</b> |                       | 3/8                  | 1.17                    | 1.25 | 0.14 | 2.55 | Yellow             | P62                    | 16                    | 62                 | 1 5/16                  | 10             |
| <b>LCA250-12-X</b> |                       | 1/2                  | 1.17                    | 1.25 | 0.14 | 2.78 | Yellow             | P62                    | 16                    | 62                 | 1 5/16                  | 10             |
| <b>LCA300-56-X</b> | 300 kcmil             | 5/16                 | 1.19                    | 1.44 | 0.16 | 2.94 | White              | P66                    | 17                    | 66                 | 1 1/2                   | 10             |
| <b>LCA300-38-X</b> |                       | 3/8                  | 1.19                    | 1.44 | 0.16 | 2.94 | White              | P66                    | 17                    | 66                 | 1 1/2                   | 10             |
| <b>LCA300-12-X</b> |                       | 1/2                  | 1.19                    | 1.44 | 0.16 | 3.05 | White              | P66                    | 17                    | 66                 | 1 1/2                   | 10             |
| <b>LCA300-58-X</b> |                       | 5/8                  | 1.19                    | 1.44 | 0.16 | 3.26 | White              | P66                    | 17                    | 66                 | 1 1/2                   | 10             |
| <b>LCA300-78-X</b> | 350 kcmil             | 7/8                  | 1.19                    | 1.44 | 0.16 | 3.70 | White              | P66                    | 17                    | 66                 | 1 1/2                   | 10             |
| <b>LCA350-38-X</b> |                       | 3/8                  | 1.28                    | 1.44 | 0.17 | 2.98 | Red                | P71                    | 18                    | 71                 | 1 1/2                   | 10             |
| <b>LCA350-12-X</b> |                       | 1/2                  | 1.28                    | 1.44 | 0.17 | 3.09 | Red                | P71                    | 18                    | 71                 | 1 1/2                   | 10             |
| <b>LCA350-58-X</b> |                       | 5/8                  | 1.28                    | 1.44 | 0.17 | 3.30 | Red                | P71                    | 18                    | 71                 | 1 1/2                   | 10             |
| <b>LCA350-78-X</b> | 400 kcmil             | 7/8                  | 1.28                    | 1.44 | 0.17 | 3.74 | Red                | P71                    | 18                    | 71                 | 1 1/2                   | 10             |
| <b>LCA400-38-6</b> |                       | 3/8                  | 1.39                    | 1.50 | 0.18 | 3.22 | Blue               | P76                    | 19                    | 76                 | 1 9/16                  | 6              |
| <b>LCA400-12-6</b> |                       | 1/2                  | 1.39                    | 1.50 | 0.18 | 3.22 | Blue               | P76                    | 19                    | 76                 | 1 9/16                  | 6              |
| <b>LCA400-58-6</b> |                       | 5/8                  | 1.39                    | 1.50 | 0.18 | 3.43 | Blue               | P76                    | 19                    | 76                 | 1 9/16                  | 6              |
| <b>LCA400-78-6</b> | 500 kcmil             | 7/8                  | 1.39                    | 1.50 | 0.18 | 3.82 | Blue               | P76                    | 19                    | 76                 | 1 9/16                  | 6              |
| <b>LCA500-38-6</b> |                       | 3/8                  | 1.54                    | 1.75 | 0.22 | 3.39 | Brown              | P87                    | 20                    | 87                 | 1 13/16                 | 6              |
| <b>LCA500-12-6</b> |                       | 1/2                  | 1.54                    | 1.75 | 0.22 | 3.55 | Brown              | P87                    | 20                    | 87                 | 1 13/16                 | 6              |
| <b>LCA500-58-6</b> |                       | 5/8                  | 1.54                    | 1.75 | 0.22 | 3.76 | Brown              | P87                    | 20                    | 87                 | 1 13/16                 | 6              |
| <b>LCA500-34-6</b> | 600 kcmil             | 3/4                  | 1.54                    | 1.75 | 0.22 | 3.90 | Brown              | P87                    | 20                    | 87                 | 1 13/16                 | 6              |
| <b>LCA500-78-6</b> |                       | 7/8                  | 1.54                    | 1.75 | 0.22 | 4.15 | Brown              | P87                    | 20                    | 87                 | 1 13/16                 | 6              |
| <b>LCA500-1-6</b>  |                       | 1                    | 1.54                    | 1.75 | 0.22 | 4.27 | Brown              | P87                    | 20                    | 87                 | 1 13/16                 | 6              |
| <b>LCA600-12-6</b> |                       | 1/2                  | 1.70                    | 1.75 | 0.26 | 4.20 | Green              | P94                    | 22                    | 94                 | 1 13/16                 | 6              |
| <b>LCA600-58-6</b> | 750 kcmil             | 5/8                  | 1.70                    | 1.75 | 0.26 | 4.20 | Green              | P94                    | 22                    | 94                 | 1 13/16                 | 6              |
| <b>LCA600-78-6</b> |                       | 7/8                  | 1.70                    | 1.75 | 0.26 | 4.20 | Green              | P94                    | 22                    | 94                 | 1 13/16                 | 6              |
| <b>LCA750-58-6</b> |                       | 5/8                  | 1.89                    | 1.88 | 0.26 | 4.59 | Black              | P106                   | 24                    | 106                | 1 15/16                 | 6              |

‡See pages D3.58 – D3.61 for tool and die information.

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