

A.  
System  
Overview

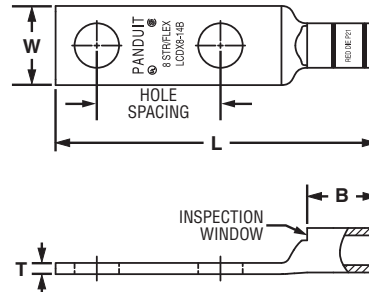


## Flex Conductor, Two-Hole, Standard Barrel with Window Lug

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

### Type LCDX

- 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
- Available with NEMA hole sizes and spacing



C4.  
Cable  
Management

| Part Number  | Flex Conductor Size |                   | Code Conductor Size | Stud Hole Size (In.) | Stud Hole Spacing (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    |                    |                        |                       |                    |                         |                |
| LCDX8-10A-L  | #8 AWG              | #8 AWG            | #8 AWG              | #10                  | .63                     | .41                     | .42 | .08 | 1.74 | Red                | P21                    | 49                    | 21                 | 1/2                     | 50             |
| LCDX8-14A-L  |                     |                   |                     | 1/4                  | .63                     | .48                     | .42 | .07 | 1.83 | Red                | P21                    | 49                    | 21                 | 1/2                     | 50             |
| LCDX8-14B-L  |                     |                   |                     | 1/4                  | .75                     | .48                     | .42 | .07 | 1.95 | Red                | P21                    | 49                    | 21                 | 1/2                     | 50             |
| LCDX8-14D-L  |                     |                   |                     | 1/4                  | 1.00                    | .48                     | .42 | .07 | 2.20 | Red                | P21                    | 49                    | 21                 | 1/2                     | 50             |
| LCDX8-38D-L  |                     |                   |                     | 3/8                  | 1.00                    | .60                     | .42 | .05 | 2.42 | Red                | P21                    | 49                    | 21                 | 1/2                     | 50             |
| LCDX6-10A-L  | #6 AWG              | #6 AWG            | #6 AWG              | #10                  | .63                     | .46                     | .48 | .08 | 1.82 | Blue               | P24                    | 7                     | 24                 | 9/16                    | 50             |
| LCDX6-10B-L  |                     |                   |                     | #10                  | .75                     | .46                     | .48 | .08 | 1.94 | Blue               | P24                    | 7                     | 24                 | 9/16                    | 50             |
| LCDX6-10G-L  |                     |                   |                     | #10                  | 1.50                    | .46                     | .48 | .08 | 2.69 | Blue               | P24                    | 7                     | 24                 | 9/16                    | 50             |
| LCDX6-10P-L  |                     |                   |                     | #10                  | .69                     | .46                     | .48 | .08 | 1.88 | Blue               | P24                    | 7                     | 24                 | 9/16                    | 50             |
| LCDX6-14A-L  |                     |                   |                     | 1/4                  | .63                     | .48                     | .48 | .08 | 1.91 | Blue               | P24                    | 7                     | 24                 | 9/16                    | 50             |
| LCDX6-14B-L  | #6 AWG              | #6 AWG            | #6 AWG              | 1/4                  | .75                     | .48                     | .48 | .08 | 2.03 | Blue               | P24                    | 7                     | 24                 | 9/16                    | 50             |
| LCDX6-14D-L  |                     |                   |                     | 1/4                  | 1.00                    | .48                     | .48 | .08 | 2.28 | Blue               | P24                    | 7                     | 24                 | 9/16                    | 50             |
| LCDX6-56D-L  |                     |                   |                     | 5/16                 | 1.00                    | .56                     | .48 | .07 | 2.40 | Blue               | P24                    | 7                     | 24                 | 9/16                    | 50             |
| LCDX6-38D-L  |                     |                   |                     | 3/8                  | 1.00                    | .62                     | .48 | .06 | 2.50 | Blue               | P24                    | 7                     | 24                 | 9/16                    | 50             |
| LCDX4-14A-L  | #4 AWG              | #5, #4, #3 AWG    | #4 AWG              | 1/4                  | .63                     | .55                     | .53 | .09 | 1.98 | Gray               | P29                    | 8                     | 29                 | 5/8                     | 50             |
| LCDX4-14B-L  |                     |                   |                     | 1/4                  | .75                     | .55                     | .53 | .09 | 2.10 | Gray               | P29                    | 8                     | 29                 | 5/8                     | 50             |
| LCDX4-14D-L  |                     |                   |                     | 1/4                  | 1.00                    | .55                     | .53 | .09 | 2.35 | Gray               | P29                    | 8                     | 29                 | 5/8                     | 50             |
| LCDX4-56D-L  |                     |                   |                     | 5/16                 | 1.00                    | .55                     | .53 | .09 | 2.47 | Gray               | P29                    | 8                     | 29                 | 5/8                     | 50             |
| LCDX4-38D-L  |                     |                   |                     | 3/8                  | 1.00                    | .62                     | .53 | .08 | 2.57 | Gray               | P29                    | 8                     | 29                 | 5/8                     | 50             |
| LCDX2-14A-E* | #2 AWG              | #2 AWG            | #2 AWG              | 1/4                  | .63                     | .70                     | .59 | .11 | 2.13 | Brown              | P33                    | 10                    | 33                 | 11/16                   | 20             |
| LCDX2-14B-E* |                     |                   |                     | 1/4                  | .75                     | .70                     | .59 | .11 | 2.25 | Brown              | P33                    | 10                    | 33                 | 11/16                   | 20             |
| LCDX2-14D-E* |                     |                   |                     | 1/4                  | 1.00                    | .70                     | .59 | .11 | 2.50 | Brown              | P33                    | 10                    | 33                 | 11/16                   | 20             |
| LCDX2-56D-E* |                     |                   |                     | 5/16                 | 1.00                    | .70                     | .59 | .11 | 2.63 | Brown              | P33                    | 10                    | 33                 | 11/16                   | 20             |
| LCDX2-38D-E* |                     |                   |                     | 3/8                  | 1.00                    | .70                     | .59 | .11 | 2.70 | Brown              | P33                    | 10                    | 33                 | 11/16                   | 20             |
| LCDX2-12-E*  | #1 AWG              | #1 AWG            | #1 AWG              | 1/2                  | 1.75                    | .75                     | .59 | .09 | 3.87 | Brown              | P33                    | 10                    | 33                 | 11/16                   | 20             |
| LCDX1-14A-X  |                     |                   |                     | 1/4                  | .63                     | .76                     | .66 | .12 | 2.29 | Green              | P37                    | 11                    | 37                 | 3/4                     | 10             |
| LCDX1-14B-X  |                     |                   |                     | 1/4                  | .75                     | .76                     | .66 | .12 | 2.42 | Green              | P37                    | 11                    | 37                 | 3/4                     | 10             |
| LCDX1-14D-X  |                     |                   |                     | 1/4                  | 1.00                    | .76                     | .66 | .12 | 2.67 | Green              | P37                    | 11                    | 37                 | 3/4                     | 10             |
| LCDX1-56D-X  |                     |                   |                     | 5/16                 | 1.00                    | .76                     | .66 | .12 | 2.72 | Green              | P37                    | 11                    | 37                 | 3/4                     | 10             |
| LCDX1-38D-X  | #1 AWG              | #1 AWG            | #1 AWG              | 3/8                  | 1.00                    | .76                     | .66 | .12 | 2.80 | Green              | P37                    | 11                    | 37                 | 3/4                     | 10             |
| LCDX1-12-X   |                     |                   |                     | 1/2                  | 1.75                    | .80                     | .66 | .12 | 3.97 | Green              | P37                    | 11                    | 37                 | 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.

◆NEMA hole sizes and spacing.

Order number of pieces required, in multiples of Standard Package Quantity.

Prime items appear in **BOLD**.

F.  
Index



## Flex Conductor, Two-Hole, Standard Barrel with Window Lug (continued)

| Part Number   | Flex Conductor Size    |                      | Code<br>Conductor<br>Size | Stud<br>Hole<br>Size<br>(In.) | Stud<br>Hole<br>Spacing<br>(In.) | Figure Dimensions<br>(In.) |      |     |      | Panduit<br>Color<br>Code | Panduit<br>Die<br>Index<br>No.‡ | Burndy<br>Die<br>Index<br>No.‡ | T&B<br>Die<br>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    |                          |                                 |                                |                             |                                  |                      |
| LCDX1/0-14A-X | 1/0 AWG                | 1/0 AWG              | 1/0 AWG                   | 1/4                           | .63                              | .85                        | .72  | .13 | 2.45 | Pink                     | P42                             | 12                             | 42                          | 3/4                              | 10                   |
| LCDX1/0-14B-X |                        |                      |                           | 1/4                           | .75                              | .85                        | .72  | .13 | 2.57 | Pink                     | P42                             | 12                             | 42                          | 3/4                              | 10                   |
| LCDX1/0-56B-X |                        |                      |                           | 5/16                          | .75                              | .85                        | .72  | .13 | 2.57 | Pink                     | P42                             | 12                             | 42                          | 3/4                              | 10                   |
| LCDX1/0-56D-X |                        |                      |                           | 5/16                          | 1.00                             | .85                        | .72  | .13 | 2.82 | Pink                     | P42                             | 12                             | 42                          | 3/4                              | 10                   |
| LCDX1/0-38D-X |                        |                      |                           | 3/8                           | 1.00                             | .85                        | .72  | .13 | 2.89 | Pink                     | P42                             | 12                             | 42                          | 3/4                              | 10                   |
| LCDX1/0-12D-X |                        |                      |                           | 1/2                           | 1.00                             | .85                        | .72  | .13 | 3.14 | Pink                     | P42                             | 12                             | 42                          | 3/4                              | 10                   |
| LCDX1/0-12-X  |                        |                      |                           | 1/2                           | 1.75                             | .85                        | .72  | .13 | 4.05 | Pink                     | P42                             | 12                             | 42                          | 3/4                              | 10                   |
| LCDX2/0-14A-X | 2/0 AWG                | 2/0 AWG              | 2/0 AWG                   | 1/4                           | .63                              | .96                        | .83  | .13 | 2.59 | Black                    | P45                             | 13                             | 45                          | 7/8                              | 10                   |
| LCDX2/0-14B-X |                        |                      |                           | 1/4                           | .75                              | .96                        | .83  | .13 | 2.72 | Black                    | P45                             | 13                             | 45                          | 7/8                              | 10                   |
| LCDX2/0-56D-X |                        |                      |                           | 5/16                          | 1.00                             | .96                        | .83  | .13 | 2.97 | Black                    | P45                             | 13                             | 45                          | 7/8                              | 10                   |
| LCDX2/0-38D-X |                        |                      |                           | 3/8                           | 1.00                             | .96                        | .83  | .13 | 3.03 | Black                    | P45                             | 13                             | 45                          | 7/8                              | 10                   |
| LCDX2/0-12D-X |                        |                      |                           | 1/2                           | 1.00                             | .96                        | .83  | .13 | 3.28 | Black                    | P45                             | 13                             | 45                          | 7/8                              | 10                   |
| LCDX2/0-12-X  |                        |                      |                           | 1/2                           | 1.75                             | .96                        | .83  | .13 | 4.19 | Black                    | P45                             | 13                             | 45                          | 7/8                              | 10                   |
| LCDX3/0-14A-X | 3/0 AWG                | 3/0 AWG              | 3/0 AWG                   | 1/4                           | .63                              | 1.06                       | .91  | .14 | 2.71 | Orange                   | P50                             | 14                             | 50                          | 1                                | 10                   |
| LCDX3/0-56D-X |                        |                      |                           | 5/16                          | 1.00                             | 1.06                       | .91  | .14 | 3.10 | Orange                   | P50                             | 14                             | 50                          | 1                                | 10                   |
| LCDX3/0-38D-X |                        |                      |                           | 3/8                           | 1.00                             | 1.06                       | .91  | .14 | 3.17 | Orange                   | P50                             | 14                             | 50                          | 1                                | 10                   |
| LCDX3/0-12-X  |                        |                      |                           | 1/2                           | 1.75                             | 1.06                       | .91  | .14 | 4.31 | Orange                   | P50                             | 14                             | 50                          | 1                                | 10                   |
| LCDX4/0-14A-X | 4/0 AWG                | 4/0 AWG              | 4/0 AWG                   | 1/4                           | .63                              | 1.19                       | 1.03 | .16 | 2.74 | Purple                   | P54                             | 15                             | 54                          | 1 1/16                           | 10                   |
| LCDX4/0-14B-X |                        |                      |                           | 1/4                           | .75                              | 1.19                       | 1.03 | .16 | 2.96 | Purple                   | P54                             | 15                             | 54                          | 1 1/16                           | 10                   |
| LCDX4/0-56D-X |                        |                      |                           | 5/16                          | 1.00                             | 1.19                       | 1.03 | .16 | 3.31 | Purple                   | P54                             | 15                             | 54                          | 1 1/16                           | 10                   |
| LCDX4/0-38D-X |                        |                      |                           | 3/8                           | 1.00                             | 1.19                       | 1.03 | .16 | 3.34 | Purple                   | P54                             | 15                             | 54                          | 1 1/16                           | 10                   |
| LCDX4/0-12D-X |                        |                      |                           | 1/2                           | 1.00                             | 1.19                       | 1.03 | .16 | 3.61 | Purple                   | P54                             | 15                             | 54                          | 1 1/16                           | 10                   |
| LCDX4/0-12E-X |                        |                      |                           | 1/2                           | 1.25                             | 1.19                       | 1.03 | .16 | 3.89 | Purple                   | P54                             | 15                             | 54                          | 1 1/16                           | 10                   |
| LCDX4/0-12-X  |                        |                      |                           | 1/2                           | 1.75                             | 1.19                       | 1.03 | .16 | 4.52 | Purple                   | P54                             | 15                             | 54                          | 1 1/16                           | 10                   |
| LCDX250-38D-X | 250 kcmil              | 262.6 kcmil          | —                         | 3/8                           | 1.00                             | 1.28                       | 1.03 | .17 | 3.38 | Yellow                   | P62                             | 16                             | 62                          | 1 1/16                           | 10                   |
| LCDX250-38-X  |                        |                      |                           | 3/8                           | 1.75                             | 1.28                       | 1.03 | .17 | 4.13 | Yellow                   | P62                             | 16                             | 62                          | 1 1/16                           | 10                   |
| LCDX250-12E-X |                        |                      |                           | 1/2                           | 1.25                             | 1.28                       | 1.03 | .17 | 3.93 | Yellow                   | P62                             | 16                             | 62                          | 1 1/16                           | 10                   |
| LCDX250-12-X  |                        |                      |                           | 1/2                           | 1.75                             | 1.28                       | 1.03 | .17 | 4.56 | Yellow                   | P62                             | 16                             | 62                          | 1 1/16                           | 10                   |
| LCDX300-38D-6 | 300 kcmil              | 313.1 kcmil          | —                         | 3/8                           | 1.00                             | 1.39                       | 1.19 | .18 | 3.56 | Red                      | P71                             | 18                             | 71H                         | 1 1/4                            | 6                    |
| LCDX300-12-6  |                        |                      |                           | 1/2                           | 1.75                             | 1.39                       | 1.19 | .18 | 4.74 | Red                      | P71                             | 18                             | 71H                         | 1 1/4                            | 6                    |
| LCDX350-56D-6 | 350 kcmil              | 373.7 kcmil          | —                         | 5/16                          | 1.00                             | 1.54                       | 1.29 | .22 | 3.71 | Blue                     | P76                             | 19                             | 76H                         | 1 3/8                            | 6                    |
| LCDX350-38D-6 |                        |                      |                           | 3/8                           | 1.00                             | 1.54                       | 1.29 | .22 | 3.74 | Blue                     | P76                             | 19                             | 76H                         | 1 3/8                            | 6                    |
| LCDX350-38-6  |                        |                      |                           | 3/8                           | 1.75                             | 1.54                       | 1.29 | .22 | 4.49 | Blue                     | P76                             | 19                             | 76H                         | 1 3/8                            | 6                    |
| LCDX350-12E-6 |                        |                      |                           | 1/2                           | 1.25                             | 1.54                       | 1.29 | .22 | 4.29 | Blue                     | P76                             | 19                             | 76H                         | 1 3/8                            | 6                    |
| LCDX350-12-6  |                        |                      |                           | 1/2                           | 1.75                             | 1.54                       | 1.29 | .22 | 4.92 | Blue                     | P76                             | 19                             | 76H                         | 1 3/8                            | 6                    |
| LCDX450-38D-6 | 450 kcmil              | 444.4 kcmil          | —                         | 3/8                           | 1.00                             | 1.70                       | 1.40 | .26 | 3.90 | Brown                    | P87                             | 20                             | 87H                         | 1 7/16                           | 6                    |
| LCDX450-12-6  |                        |                      |                           | 1/2                           | 1.75                             | 1.70                       | 1.40 | .26 | 5.08 | Brown                    | P87                             | 20                             | 87H                         | 1 7/16                           | 6                    |
| LCDX500-56D-6 | 500 kcmil              | 535.3 kcmil          | —                         | 5/16                          | 1.00                             | 1.89                       | 1.48 | .26 | 4.05 | Pink                     | P99                             | L99                            | 99H                         | 1 9/16                           | 6                    |
| LCDX500-38D-6 |                        |                      |                           | 3/8                           | 1.00                             | 1.89                       | 1.48 | .26 | 4.08 | Pink                     | P99                             | L99                            | 99H                         | 1 9/16                           | 6                    |
| LCDX500-12E-6 |                        |                      |                           | 1/2                           | 1.25                             | 1.89                       | 1.48 | .26 | 4.76 | Pink                     | P99                             | L99                            | 99H                         | 1 9/16                           | 6                    |
| LCDX500-12-6  |                        |                      |                           | 1/2                           | 1.75                             | 1.89                       | 1.48 | .26 | 5.26 | Pink                     | P99                             | L99                            | 99H                         | 1 9/16                           | 6                    |
| LCDX600-12-6  | 600 kcmil              | —                    | —                         | 1/2                           | 1.75                             | 1.89                       | 1.48 | .26 | 5.26 | Pink                     | P99                             | 400                            | 99H                         | 1 9/16                           | 6                    |
| LCDX650-38D-6 | —                      | 646.4 kcmil          | —                         | 3/8                           | 1.00                             | 1.95                       | 1.45 | .30 | 4.08 | Black                    | P106                            | 24                             | 106H                        | 1 1/2                            | 6                    |
| LCDX650-12-6  |                        |                      |                           | 1/2                           | 1.75                             | 1.95                       | 1.45 | .30 | 5.26 | Black                    | P106                            | 24                             | 106H                        | 1 1/2                            | 6                    |
| LCDX750-38D-3 | —                      | 777.7 kcmil          | —                         | 3/8                           | 1.00                             | 2.17                       | 1.66 | .32 | 4.62 | Yellow                   | P115                            | L115                           | 115H                        | 1 3/4                            | 3                    |
| LCDX750-12E-3 |                        |                      |                           | 1/2                           | 1.25                             | 2.17                       | 1.66 | .32 | 5.06 | Yellow                   | P115                            | L115                           | 115H                        | 1 3/4                            | 3                    |
| LCDX750-12G-3 |                        |                      |                           | 1/2                           | 1.50                             | 2.17                       | 1.66 | .32 | 5.31 | Yellow                   | P115                            | L115                           | 115H                        | 1 3/4                            | 3                    |
| LCDX750-12-3  |                        |                      |                           | 1/2                           | 1.75                             | 2.17                       | 1.66 | .32 | 5.56 | Yellow                   | P115                            | L115                           | 115H                        | 1 3/4                            | 3                    |
| LCDX750-58G-3 |                        |                      |                           | 5/8                           | 1.50                             | 2.17                       | 1.66 | .32 | 5.37 | Yellow                   | P115                            | L115                           | 115H                        | 1 3/4                            | 3                    |

†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.

◆NEMA hole sizes and spacing.

A.  
System  
Overview

B1.  
Cable Ties

B2.  
Cable  
Accessories

B3.  
Stainless  
Steel Ties

C1.  
Wiring  
Duct

C2.  
Surface  
Raceway

C3.  
Abrasion  
Protection

C4.  
Cable  
Management

D1.  
Terminals

D2.  
Power  
Connectors

D3.  
Grounding  
Connectors

E1.  
Labeling  
Systems

E2.  
Labels

E3.  
Pre-Printed  
& Write-On  
Markers

E4.  
Permanent  
Identification

E5.  
Lockout/  
Tagout  
& Safety  
Solutions

F.  
Index