

A. System Overview



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

B1. Cable Ties

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

### Type LCCX

- Can be used with code conductor and flex conductor class: G, H, I, K, M and Diesel Locomotive
- Long barrel maximizes number of crimps and provides premium wire pull-out strength and electrical performance
- 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
- Meets J-STD-607-A and TIA-942 requirements for network systems grounding applications
- Available with NEMA hole sizes and spacing

B2. Cable Accessories

B3. Stainless Steel Ties

C1. Wiring Duct

C2. Surface Raceway

C3. Abrasion Protection

C4. Cable Management

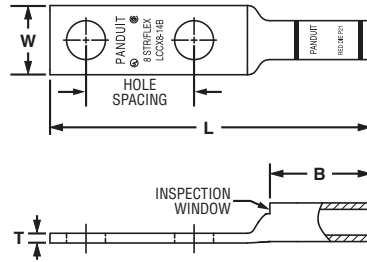


Figure 1

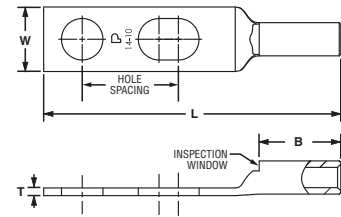


Figure 2: Slotted

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

| 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.‡ | Burdny 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    |                    |                        |                       |                    |                         |                |       |       |    |
| LCCX8-10A-L   |                     |                   | #8 AWG              | #10                  | 0.63                    | 0.41                    | 0.70 | 0.08 | 2.01 | Red                | P21                    | 49                    | 21                 | 3/4                     | 50             |       |       |    |
| LCCX8-10B-L   |                     |                   |                     | #10                  | 0.75                    | 0.41                    | 0.70 | 0.08 | 2.14 | Red                | P21                    | 49                    | 21                 | 3/4                     | 50             |       |       |    |
| LCCX8-10AB-L^ |                     |                   |                     | #10                  | 0.63 – 0.75             | 0.41                    | 0.70 | 0.08 | 2.14 | Red                | P21                    | 49                    | 21                 | 3/4                     | 50             |       |       |    |
| LCCX8-14A-L   | #8 AWG              | #8 AWG            |                     | 1/4                  | 0.63                    | 0.48                    | 0.70 | 0.07 | 2.10 | Red                | P21                    | 49                    | 21                 | 3/4                     | 50             |       |       |    |
| LCCX8-14B-L   |                     |                   |                     | 1/4                  | 0.75                    | 0.48                    | 0.70 | 0.07 | 2.23 | Red                | P21                    | 49                    | 21                 | 3/4                     | 50             |       |       |    |
| LCCX8-14AB-L^ |                     |                   |                     | 1/4                  | 0.63 – 0.75             | 0.48                    | 0.70 | 0.07 | 2.23 | Red                | P21                    | 49                    | 21                 | 3/4                     | 50             |       |       |    |
| LCCX8-14D-L   |                     |                   |                     | 1/4                  | 1.00                    | 0.48                    | 0.70 | 0.07 | 2.48 | Red                | P21                    | 49                    | 21                 | 3/4                     | 50             |       |       |    |
| LCCX8-38D-L   |                     |                   |                     | 3/8                  | 1.00                    | 0.60                    | 0.70 | 0.05 | 2.70 | Red                | P21                    | 49                    | 21                 | 3/4                     | 50             |       |       |    |
| LCCX6-10B-L   |                     |                   |                     |                      |                         | #10                     | 0.75 | 0.46 | 1.07 | 0.08               | 2.52                   | Blue                  | P24                | 7                       | 24             | 1 1/8 | 50    |    |
| LCCX6-14A-L   | #6 AWG              | #6 AWG            |                     | #6 AWG               | 1/4                     | 0.63                    | 0.48 | 1.07 | 0.08 | 2.49               | Blue                   | P24                   | 7                  | 24                      | 1 1/8          | 50    |       |    |
| LCCX6-14B-L   |                     |                   | 1/4                 |                      | 0.75                    | 0.48                    | 1.07 | 0.08 | 2.61 | Blue               | P24                    | 7                     | 24                 | 1 1/8                   | 50             |       |       |    |
| LCCX6-14AB-L^ |                     |                   | 1/4                 |                      | 0.63 – 0.75             | 0.48                    | 1.07 | 0.08 | 2.61 | Blue               | P24                    | 7                     | 24                 | 1 1/8                   | 50             |       |       |    |
| LCCX6-14D-L   |                     |                   | 1/4                 |                      | 1.00                    | 0.48                    | 1.07 | 0.08 | 2.86 | Blue               | P24                    | 7                     | 24                 | 1 1/8                   | 50             |       |       |    |
| LCCX6-38A-L   |                     |                   | 3/8                 |                      | 0.63                    | 0.62                    | 1.07 | 0.06 | 2.71 | Blue               | P24                    | 7                     | 24                 | 1 1/8                   | 50             |       |       |    |
| LCCX6-38C-L   |                     |                   | 3/8                 |                      | 0.88                    | 0.62                    | 1.07 | 0.06 | 2.96 | Blue               | P24                    | 7                     | 24                 | 1 1/8                   | 50             |       |       |    |
| LCCX6-38AC-L^ |                     |                   | 3/8                 |                      | 0.63 – 0.88             | 0.62                    | 1.07 | 0.06 | 2.96 | Blue               | P24                    | 7                     | 24                 | 1 1/8                   | 50             |       |       |    |
| LCCX6-38D-L   |                     |                   | 3/8                 |                      | 1.00                    | 0.62                    | 1.07 | 0.06 | 3.08 | Blue               | P24                    | 7                     | 24                 | 1 1/8                   | 50             |       |       |    |
| LCCX4-14A-L   |                     |                   | #4 AWG              |                      | #5, #4, #3 AWG          | #4 AWG                  | 1/4  | 0.63 | 0.55 | 1.05               | 0.09                   | 2.49                  | Gray               | P29                     | 8              | 29    | 1 1/8 | 50 |
| LCCX4-14B-L   |                     |                   |                     |                      |                         |                         | 1/4  | 0.75 | 0.55 | 1.05               | 0.09                   | 2.63                  | Gray               | P29                     | 8              | 29    | 1 1/8 | 50 |
| LCCX4-14AB-L^ | 1/4                 | 0.63 – 0.75       |                     | 0.55                 |                         |                         | 1.05 | 0.09 | 2.63 | Gray               | P29                    | 8                     | 29                 | 1 1/8                   | 50             |       |       |    |
| LCCX4-14CE-L^ | 1/4                 | 0.88 – 1.25       |                     | 0.55                 |                         |                         | 1.05 | 0.09 | 3.12 | Gray               | P29                    | 8                     | 29                 | 1 1/8                   | 50             |       |       |    |
| LCCX4-38B-L   | 3/8                 | 0.75              |                     | 0.62                 |                         |                         | 1.05 | 0.08 | 2.84 | Gray               | P29                    | 8                     | 29                 | 1 1/8                   | 50             |       |       |    |
| LCCX4-38D-L   | 3/8                 | 1.00              |                     | 0.62                 |                         |                         | 1.05 | 0.08 | 3.09 | Gray               | P29                    | 8                     | 29                 | 1 1/8                   | 50             |       |       |    |
| LCCX4-38BD-L^ | 3/8                 | 0.75 – 1.00       |                     | 0.62                 |                         |                         | 1.05 | 0.08 | 3.09 | Gray               | P29                    | 8                     | 29                 | 1 1/8                   | 50             |       |       |    |

‡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 Burdny tools.

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

^Slotted lug, refer to Figure 2.

◆NEMA hole sizes and spacing.



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

| 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    |                    |                        |                       |                    |                         |                |
| LCCX2-14A-E*  | #2 AWG              | #2 AWG            | #2 AWG              | 1/4                  | 0.63                    | 0.70                    | 1.36 | 0.11 | 2.89 | Brown              | P33                    | 10                    | 33                 | 1 7/16                  | 20             |
| LCCX2-14B-E*  |                     |                   |                     | 1/4                  | 0.75                    | 0.70                    | 1.36 | 0.11 | 3.01 | Brown              | P33                    | 10                    | 33                 | 1 7/16                  | 20             |
| LCCX2-38D-E*  |                     |                   |                     | 3/8                  | 1.00                    | 0.70                    | 1.36 | 0.11 | 3.46 | Brown              | P33                    | 10                    | 33                 | 1 7/16                  | 20             |
| LCCX2-12-E*   |                     |                   |                     | 1/2                  | 1.75                    | 0.75                    | 1.36 | 0.09 | 4.63 | Brown              | P33                    | 10                    | 33                 | 1 7/16                  | 20             |
| LCCX1-14A-X   | #1 AWG              | #1 AWG            | #1 AWG              | 1/4                  | 0.63                    | 0.76                    | 1.44 | 0.12 | 3.07 | Green              | P37                    | 11                    | 37                 | 1 1/2                   | 10             |
| LCCX1-14B-X   |                     |                   |                     | 1/4                  | 0.75                    | 0.76                    | 1.44 | 0.12 | 3.19 | Green              | P37                    | 11                    | 37                 | 1 1/2                   | 10             |
| LCCX1-14D-X   |                     |                   |                     | 1/4                  | 1.00                    | 0.76                    | 1.44 | 0.12 | 3.44 | Green              | P37                    | 11                    | 37                 | 1 1/2                   | 10             |
| LCCX1-56C-X   |                     |                   |                     | 5/16                 | 0.88                    | 0.76                    | 1.44 | 0.12 | 3.37 | Green              | P37                    | 11                    | 37                 | 1 1/2                   | 10             |
| LCCX1-56D-X   | #1 AWG              | #1 AWG            | #1 AWG              | 5/16                 | 1.00                    | 0.76                    | 1.44 | 0.12 | 3.50 | Green              | P37                    | 11                    | 37                 | 1 1/2                   | 10             |
| LCCX1-38D-X   |                     |                   |                     | 3/8                  | 1.00                    | 0.76                    | 1.44 | 0.12 | 3.57 | Green              | P37                    | 11                    | 37                 | 1 1/2                   | 10             |
| LCCX1/0-14A-X |                     |                   |                     | 1/4                  | 0.63                    | 0.85                    | 1.50 | 0.13 | 3.23 | Pink               | P42                    | 12                    | 42                 | 1 9/16                  | 10             |
| LCCX1/0-14B-X | 1/0 AWG             | 1/0 AWG           | 1/0 AWG             | 1/4                  | 0.75                    | 0.85                    | 1.50 | 0.13 | 3.36 | Pink               | P42                    | 12                    | 42                 | 1 9/16                  | 10             |
| LCCX1/0-38D-X |                     |                   |                     | 3/8                  | 1.00                    | 0.85                    | 1.50 | 0.13 | 3.67 | Pink               | P42                    | 12                    | 42                 | 1 9/16                  | 10             |
| LCCX1/0-12-X  | 1/0 AWG             | 1/0 AWG           | 1/0 AWG             | 1/2                  | 1.75                    | 0.85                    | 1.50 | 0.13 | 4.83 | Pink               | P42                    | 12                    | 42                 | 1 9/16                  | 10             |
| LCCX2/0-14A-X |                     |                   |                     | 1/4                  | 0.63                    | 0.96                    | 1.50 | 0.13 | 3.27 | Black              | P45                    | 13                    | 45                 | 1 9/16                  | 10             |
| LCCX2/0-14B-X |                     |                   |                     | 1/4                  | 0.75                    | 0.96                    | 1.50 | 0.13 | 3.39 | Black              | P45                    | 13                    | 45                 | 1 9/16                  | 10             |
| LCCX2/0-38D-X |                     |                   |                     | 3/8                  | 1.00                    | 0.96                    | 1.50 | 0.13 | 3.70 | Black              | P45                    | 13                    | 45                 | 1 9/16                  | 10             |
| LCCX2/0-12-X  | 2/0 AWG             | 2/0 AWG           | 2/0 AWG             | 1/2                  | 1.75                    | 0.96                    | 1.50 | 0.13 | 4.87 | Black              | P45                    | 13                    | 45                 | 1 9/16                  | 10             |
| LCCX3/0-14B-X |                     |                   |                     | 1/4                  | 0.75                    | 1.06                    | 1.56 | 0.14 | 3.48 | Orange             | P50                    | 14                    | 50                 | 1 5/8                   | 10             |
| LCCX3/0-38D-X | 3/0 AWG             | 3/0 AWG           | 3/0 AWG             | 3/8                  | 1.00                    | 1.06                    | 1.56 | 0.14 | 3.81 | Orange             | P50                    | 14                    | 50                 | 1 5/8                   | 10             |
| LCCX4/0-14B-X |                     |                   |                     | 1/4                  | 0.75                    | 1.19                    | 2.24 | 0.16 | 4.07 | Purple             | P54                    | 15                    | 54                 | 2 5/16                  | 10             |
| LCCX4/0-38D-X | 4/0 AWG             | 4/0 AWG           | 4/0 AWG             | 3/8                  | 1.00                    | 1.19                    | 2.24 | 0.16 | 4.55 | Purple             | P54                    | 15                    | 54                 | 2 5/16                  | 10             |
| LCCX4/0-12-X  |                     |                   |                     | 1/2                  | 1.75                    | 1.19                    | 2.24 | 0.16 | 5.73 | Purple             | P54                    | 15                    | 54                 | 2 5/16                  | 10             |
| LCCX250-14B-X | 250 kcmil           | 262.6 kcmil       | —                   | 1/4                  | 0.75                    | 1.28                    | 2.24 | 0.17 | 4.11 | Yellow             | P62                    | 16                    | 62                 | 2 5/16                  | 10             |
| LCCX250-38D-X |                     |                   |                     | 3/8                  | 1.00                    | 1.28                    | 2.24 | 0.17 | 4.59 | Yellow             | P62                    | 16                    | 62                 | 2 5/16                  | 10             |
| LCCX250-12-X  |                     |                   |                     | 1/2                  | 1.75                    | 1.28                    | 2.24 | 0.17 | 5.77 | Yellow             | P62                    | 16                    | 62                 | 2 5/16                  | 10             |
| LCCX300-38D-6 | 300 kcmil           | 313.1 kcmil       | —                   | 3/8                  | 1.00                    | 1.39                    | 2.30 | 0.18 | 4.67 | Red                | P71                    | 18                    | 71H                | 2 3/8                   | 6              |
| LCCX300-12-6  | 300 kcmil           | 313.1 kcmil       | —                   | 1/2                  | 1.75                    | 1.39                    | 2.30 | 0.18 | 5.85 | Red                | P71                    | 18                    | 71H                | 2 3/8                   | 6              |
| LCCX350-14B-6 | 350 kcmil           | 373.7 kcmil       | —                   | 1/4                  | 0.75                    | 1.54                    | 2.50 | 0.22 | 4.47 | Blue               | P76                    | 19                    | 76H                | 2 9/16                  | 6              |
| LCCX350-38D-6 |                     |                   |                     | 3/8                  | 1.00                    | 1.54                    | 2.50 | 0.22 | 4.95 | Blue               | P76                    | 19                    | 76H                | 2 9/16                  | 6              |
| LCCX350-12-6  |                     |                   |                     | 1/2                  | 1.75                    | 1.54                    | 2.50 | 0.22 | 6.13 | Blue               | P76                    | 19                    | 76H                | 2 9/16                  | 6              |
| LCCX450-12-6  | 450 kcmil           | 444.4 kcmil       | —                   | 1/2                  | 1.75                    | 1.70                    | 2.69 | 0.26 | 6.37 | Brown              | P87                    | 20                    | 87                 | 2 3/4                   | 6              |
| LCCX500-38D-6 | 500 kcmil           | 535.3 kcmil       | —                   | 3/8                  | 1.00                    | 1.89                    | 2.88 | 0.26 | 5.72 | Pink               | P99                    | L99                   | 99H                | 2 15/16                 | 6              |
| LCCX500-12-6  |                     |                   |                     | 1/2                  | 1.75                    | 1.89                    | 2.88 | 0.26 | 6.66 | Pink               | P99                    | L99                   | 99H                | 2 15/16                 | 6              |
| LCCX650-12-6  |                     |                   |                     | —                    | 646.4 kcmil             | —                       | 1/2  | 1.75 | 1.95 | 2.94               | 0.30                   | 6.75                  | Black              | P106                    | 24             |

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

^Slotted lug, refer to Figure 2.

◆NEMA hole sizes and spacing.

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C3. Abrasion Protection

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- 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
- Meets J-STD-607-A and TIA-942 requirements for network systems grounding applications
- Available with NEMA hole sizes and spacing

B2. Cable Accessories

B3. Stainless Steel Ties

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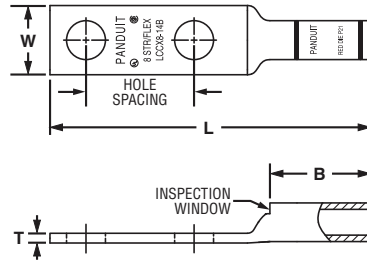


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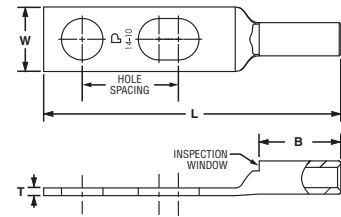


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|---------------|---------------------|-------------------|---------------------|----------------------|-------------------------|-------------------------|------|------|------|--------------------|------------------------|-----------------------|--------------------|-------------------------|----------------|
|               | Class G, H, I, K, M | Diesel Locomotive |                     |                      |                         | W                       | B    | T    | L    |                    |                        |                       |                    |                         |                |
| LCCX8-10A-L   |                     |                   | #8 AWG              | #10                  | 0.63                    | 0.41                    | 0.70 | 0.08 | 2.01 | Red                | P21                    | 49                    | 21                 | 3/4                     | 50             |
| LCCX8-10B-L   |                     |                   | #8 AWG              | #10                  | 0.75                    | 0.41                    | 0.70 | 0.08 | 2.14 | Red                | P21                    | 49                    | 21                 | 3/4                     | 50             |
| LCCX8-10AB-L^ |                     |                   | #8 AWG              | #10                  | 0.63 – 0.75             | 0.41                    | 0.70 | 0.08 | 2.14 | Red                | P21                    | 49                    | 21                 | 3/4                     | 50             |
| LCCX8-14A-L   | #8 AWG              | #8 AWG            | #8 AWG              | 1/4                  | 0.63                    | 0.48                    | 0.70 | 0.07 | 2.10 | Red                | P21                    | 49                    | 21                 | 3/4                     | 50             |
| LCCX8-14B-L   | #8 AWG              | #8 AWG            | #8 AWG              | 1/4                  | 0.75                    | 0.48                    | 0.70 | 0.07 | 2.23 | Red                | P21                    | 49                    | 21                 | 3/4                     | 50             |
| LCCX8-14AB-L^ | #8 AWG              | #8 AWG            | #8 AWG              | 1/4                  | 0.63 – 0.75             | 0.48                    | 0.70 | 0.07 | 2.23 | Red                | P21                    | 49                    | 21                 | 3/4                     | 50             |
| LCCX8-14D-L   | #8 AWG              | #8 AWG            | #8 AWG              | 1/4                  | 1.00                    | 0.48                    | 0.70 | 0.07 | 2.48 | Red                | P21                    | 49                    | 21                 | 3/4                     | 50             |
| LCCX8-38D-L   | #8 AWG              | #8 AWG            | #8 AWG              | 3/8                  | 1.00                    | 0.60                    | 0.70 | 0.05 | 2.70 | Red                | P21                    | 49                    | 21                 | 3/4                     | 50             |
| LCCX6-10B-L   | #6 AWG              | #6 AWG            | #6 AWG              | #10                  | 0.75                    | 0.46                    | 1.07 | 0.08 | 2.52 | Blue               | P24                    | 7                     | 24                 | 1 1/8                   | 50             |
| LCCX6-14A-L   | #6 AWG              | #6 AWG            | #6 AWG              | 1/4                  | 0.63                    | 0.48                    | 1.07 | 0.08 | 2.49 | Blue               | P24                    | 7                     | 24                 | 1 1/8                   | 50             |
| LCCX6-14B-L   | #6 AWG              | #6 AWG            | #6 AWG              | 1/4                  | 0.75                    | 0.48                    | 1.07 | 0.08 | 2.61 | Blue               | P24                    | 7                     | 24                 | 1 1/8                   | 50             |
| LCCX6-14AB-L^ | #6 AWG              | #6 AWG            | #6 AWG              | 1/4                  | 0.63 – 0.75             | 0.48                    | 1.07 | 0.08 | 2.61 | Blue               | P24                    | 7                     | 24                 | 1 1/8                   | 50             |
| LCCX6-14D-L   | #6 AWG              | #6 AWG            | #6 AWG              | 1/4                  | 1.00                    | 0.48                    | 1.07 | 0.08 | 2.86 | Blue               | P24                    | 7                     | 24                 | 1 1/8                   | 50             |
| LCCX6-38A-L   | #6 AWG              | #6 AWG            | #6 AWG              | 3/8                  | 0.63                    | 0.62                    | 1.07 | 0.06 | 2.71 | Blue               | P24                    | 7                     | 24                 | 1 1/8                   | 50             |
| LCCX6-38C-L   | #6 AWG              | #6 AWG            | #6 AWG              | 3/8                  | 0.88                    | 0.62                    | 1.07 | 0.06 | 2.96 | Blue               | P24                    | 7                     | 24                 | 1 1/8                   | 50             |
| LCCX6-38AC-L^ | #6 AWG              | #6 AWG            | #6 AWG              | 3/8                  | 0.63 – 0.88             | 0.62                    | 1.07 | 0.06 | 2.96 | Blue               | P24                    | 7                     | 24                 | 1 1/8                   | 50             |
| LCCX6-38D-L   | #6 AWG              | #6 AWG            | #6 AWG              | 3/8                  | 1.00                    | 0.62                    | 1.07 | 0.06 | 3.08 | Blue               | P24                    | 7                     | 24                 | 1 1/8                   | 50             |
| LCCX4-14A-L   | #4 AWG              | #5, #4, #3 AWG    | #4 AWG              | 1/4                  | 0.63                    | 0.55                    | 1.05 | 0.09 | 2.49 | Gray               | P29                    | 8                     | 29                 | 1 1/8                   | 50             |
| LCCX4-14B-L   | #4 AWG              | #5, #4, #3 AWG    | #4 AWG              | 1/4                  | 0.75                    | 0.55                    | 1.05 | 0.09 | 2.63 | Gray               | P29                    | 8                     | 29                 | 1 1/8                   | 50             |
| LCCX4-14AB-L^ | #4 AWG              | #5, #4, #3 AWG    | #4 AWG              | 1/4                  | 0.63 – 0.75             | 0.55                    | 1.05 | 0.09 | 2.63 | Gray               | P29                    | 8                     | 29                 | 1 1/8                   | 50             |
| LCCX4-14CE-L^ | #4 AWG              | #5, #4, #3 AWG    | #4 AWG              | 1/4                  | 0.88 – 1.25             | 0.55                    | 1.05 | 0.09 | 3.12 | Gray               | P29                    | 8                     | 29                 | 1 1/8                   | 50             |
| LCCX4-38B-L   | #4 AWG              | #5, #4, #3 AWG    | #4 AWG              | 3/8                  | 0.75                    | 0.62                    | 1.05 | 0.08 | 2.84 | Gray               | P29                    | 8                     | 29                 | 1 1/8                   | 50             |
| LCCX4-38D-L   | #4 AWG              | #5, #4, #3 AWG    | #4 AWG              | 3/8                  | 1.00                    | 0.62                    | 1.05 | 0.08 | 3.09 | Gray               | P29                    | 8                     | 29                 | 1 1/8                   | 50             |
| LCCX4-38BD-L^ | #4 AWG              | #5, #4, #3 AWG    | #4 AWG              | 3/8                  | 0.75 – 1.00             | 0.62                    | 1.05 | 0.08 | 3.09 | Gray               | P29                    | 8                     | 29                 | 1 1/8                   | 50             |

‡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 Burdny tools.

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

^Slotted lug, refer to Figure 2.

◆NEMA hole sizes and spacing.



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

| 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    |                    |                        |                       |                    |                         |                |
| LCCX2-14A-E*  | #2 AWG              | #2 AWG            | #2 AWG              | 1/4                  | 0.63                    | 0.70                    | 1.36 | 0.11 | 2.89 | Brown              | P33                    | 10                    | 33                 | 1 7/16                  | 20             |
| LCCX2-14B-E*  |                     |                   |                     | 1/4                  | 0.75                    | 0.70                    | 1.36 | 0.11 | 3.01 | Brown              | P33                    | 10                    | 33                 | 1 7/16                  | 20             |
| LCCX2-38D-E*  |                     |                   |                     | 3/8                  | 1.00                    | 0.70                    | 1.36 | 0.11 | 3.46 | Brown              | P33                    | 10                    | 33                 | 1 7/16                  | 20             |
| LCCX2-12-E*   |                     |                   |                     | 1/2                  | 1.75                    | 0.75                    | 1.36 | 0.09 | 4.63 | Brown              | P33                    | 10                    | 33                 | 1 7/16                  | 20             |
| LCCX1-14A-X   | #1 AWG              | #1 AWG            | #1 AWG              | 1/4                  | 0.63                    | 0.76                    | 1.44 | 0.12 | 3.07 | Green              | P37                    | 11                    | 37                 | 1 1/2                   | 10             |
| LCCX1-14B-X   |                     |                   |                     | 1/4                  | 0.75                    | 0.76                    | 1.44 | 0.12 | 3.19 | Green              | P37                    | 11                    | 37                 | 1 1/2                   | 10             |
| LCCX1-14D-X   |                     |                   |                     | 1/4                  | 1.00                    | 0.76                    | 1.44 | 0.12 | 3.44 | Green              | P37                    | 11                    | 37                 | 1 1/2                   | 10             |
| LCCX1-56C-X   |                     |                   |                     | 5/16                 | 0.88                    | 0.76                    | 1.44 | 0.12 | 3.37 | Green              | P37                    | 11                    | 37                 | 1 1/2                   | 10             |
| LCCX1-56D-X   | #1 AWG              | #1 AWG            | #1 AWG              | 5/16                 | 1.00                    | 0.76                    | 1.44 | 0.12 | 3.50 | Green              | P37                    | 11                    | 37                 | 1 1/2                   | 10             |
| LCCX1-38D-X   |                     |                   |                     | 3/8                  | 1.00                    | 0.76                    | 1.44 | 0.12 | 3.57 | Green              | P37                    | 11                    | 37                 | 1 1/2                   | 10             |
| LCCX1/0-14A-X |                     |                   |                     | 1/4                  | 0.63                    | 0.85                    | 1.50 | 0.13 | 3.23 | Pink               | P42                    | 12                    | 42                 | 1 9/16                  | 10             |
| LCCX1/0-14B-X | 1/0 AWG             | 1/0 AWG           | 1/0 AWG             | 1/4                  | 0.75                    | 0.85                    | 1.50 | 0.13 | 3.36 | Pink               | P42                    | 12                    | 42                 | 1 9/16                  | 10             |
| LCCX1/0-38D-X |                     |                   |                     | 3/8                  | 1.00                    | 0.85                    | 1.50 | 0.13 | 3.67 | Pink               | P42                    | 12                    | 42                 | 1 9/16                  | 10             |
| LCCX1/0-12-X  | 1/0 AWG             | 1/0 AWG           | 1/0 AWG             | 1/2                  | 1.75                    | 0.85                    | 1.50 | 0.13 | 4.83 | Pink               | P42                    | 12                    | 42                 | 1 9/16                  | 10             |
| LCCX2/0-14A-X |                     |                   |                     | 1/4                  | 0.63                    | 0.96                    | 1.50 | 0.13 | 3.27 | Black              | P45                    | 13                    | 45                 | 1 9/16                  | 10             |
| LCCX2/0-14B-X |                     |                   |                     | 1/4                  | 0.75                    | 0.96                    | 1.50 | 0.13 | 3.39 | Black              | P45                    | 13                    | 45                 | 1 9/16                  | 10             |
| LCCX2/0-38D-X |                     |                   |                     | 3/8                  | 1.00                    | 0.96                    | 1.50 | 0.13 | 3.70 | Black              | P45                    | 13                    | 45                 | 1 9/16                  | 10             |
| LCCX2/0-12-X  | 2/0 AWG             | 2/0 AWG           | 2/0 AWG             | 1/2                  | 1.75                    | 0.96                    | 1.50 | 0.13 | 4.87 | Black              | P45                    | 13                    | 45                 | 1 9/16                  | 10             |
| LCCX3/0-14B-X |                     |                   |                     | 1/4                  | 0.75                    | 1.06                    | 1.56 | 0.14 | 3.48 | Orange             | P50                    | 14                    | 50                 | 1 5/8                   | 10             |
| LCCX3/0-38D-X | 3/0 AWG             | 3/0 AWG           | 3/0 AWG             | 3/8                  | 1.00                    | 1.06                    | 1.56 | 0.14 | 3.81 | Orange             | P50                    | 14                    | 50                 | 1 5/8                   | 10             |
| LCCX4/0-14B-X |                     |                   |                     | 1/4                  | 0.75                    | 1.19                    | 2.24 | 0.16 | 4.07 | Purple             | P54                    | 15                    | 54                 | 2 5/16                  | 10             |
| LCCX4/0-38D-X | 4/0 AWG             | 4/0 AWG           | 4/0 AWG             | 3/8                  | 1.00                    | 1.19                    | 2.24 | 0.16 | 4.55 | Purple             | P54                    | 15                    | 54                 | 2 5/16                  | 10             |
| LCCX4/0-12-X  |                     |                   |                     | 1/2                  | 1.75                    | 1.19                    | 2.24 | 0.16 | 5.73 | Purple             | P54                    | 15                    | 54                 | 2 5/16                  | 10             |
| LCCX250-14B-X | 250 kcmil           | 262.6 kcmil       | —                   | 1/4                  | 0.75                    | 1.28                    | 2.24 | 0.17 | 4.11 | Yellow             | P62                    | 16                    | 62                 | 2 5/16                  | 10             |
| LCCX250-38D-X |                     |                   |                     | 3/8                  | 1.00                    | 1.28                    | 2.24 | 0.17 | 4.59 | Yellow             | P62                    | 16                    | 62                 | 2 5/16                  | 10             |
| LCCX250-12-X  |                     |                   |                     | 1/2                  | 1.75                    | 1.28                    | 2.24 | 0.17 | 5.77 | Yellow             | P62                    | 16                    | 62                 | 2 5/16                  | 10             |
| LCCX300-38D-6 | 300 kcmil           | 313.1 kcmil       | —                   | 3/8                  | 1.00                    | 1.39                    | 2.30 | 0.18 | 4.67 | Red                | P71                    | 18                    | 71H                | 2 3/8                   | 6              |
| LCCX300-12-6  | 300 kcmil           | 313.1 kcmil       | —                   | 1/2                  | 1.75                    | 1.39                    | 2.30 | 0.18 | 5.85 | Red                | P71                    | 18                    | 71H                | 2 3/8                   | 6              |
| LCCX350-14B-6 | 350 kcmil           | 373.7 kcmil       | —                   | 1/4                  | 0.75                    | 1.54                    | 2.50 | 0.22 | 4.47 | Blue               | P76                    | 19                    | 76H                | 2 9/16                  | 6              |
| LCCX350-38D-6 |                     |                   |                     | 3/8                  | 1.00                    | 1.54                    | 2.50 | 0.22 | 4.95 | Blue               | P76                    | 19                    | 76H                | 2 9/16                  | 6              |
| LCCX350-12-6  |                     |                   |                     | 1/2                  | 1.75                    | 1.54                    | 2.50 | 0.22 | 6.13 | Blue               | P76                    | 19                    | 76H                | 2 9/16                  | 6              |
| LCCX450-12-6  | 450 kcmil           | 444.4 kcmil       | —                   | 1/2                  | 1.75                    | 1.70                    | 2.69 | 0.26 | 6.37 | Brown              | P87                    | 20                    | 87                 | 2 3/4                   | 6              |
| LCCX500-38D-6 | 500 kcmil           | 535.3 kcmil       | —                   | 3/8                  | 1.00                    | 1.89                    | 2.88 | 0.26 | 5.72 | Pink               | P99                    | L99                   | 99H                | 2 15/16                 | 6              |
| LCCX500-12-6  |                     |                   |                     | 1/2                  | 1.75                    | 1.89                    | 2.88 | 0.26 | 6.66 | Pink               | P99                    | L99                   | 99H                | 2 15/16                 | 6              |
| LCCX650-12-6  |                     |                   |                     | —                    | 646.4 kcmil             | —                       | 1/2  | 1.75 | 1.95 | 2.94               | 0.30                   | 6.75                  | Black              | P106                    | 24             |

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^Slotted lug, refer to Figure 2.

◆NEMA hole sizes and spacing.

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