

A. System Overview



## Code Conductor, Two-Hole, Long Barrel with Corona Relief Taper Lug

B1. Cable Ties

**To Facilitate Use with Stranded Copper Conductors in Applications of 5000 V or More**

### Type LCCH

B2. Cable Accessories

B3. Stainless Steel Ties

- Externally chamfered barrel end inhibits Corona effect when used in high voltage applications
- Long barrel maximizes number of crimps and provides premium wire pull-out strength and electrical performance
- Color-coded barrels marked with Panduit and specified competitor die index numbers for proper crimp die selection
- Enclosed barrel prevents corrosive material from entering barrel when used in harsh environments
- 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
- Available with NEMA hole sizes and spacing

C1. Wiring Duct

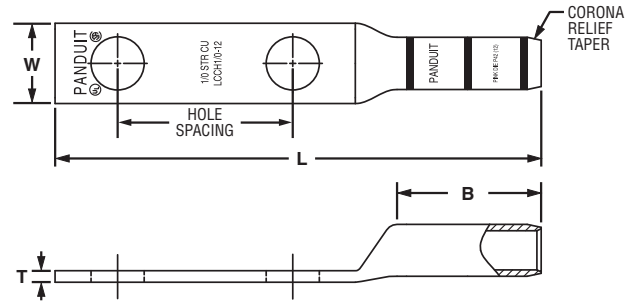
C2. Surface Raceway

C3. Abrasion Protection

C4. Cable Management



Corona Relief Taper



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     | Copper 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. |
|-----------------|-----------------------|----------------------|-------------------------|-------------------------|------|------|------|--------------------|------------------------|-----------------------|--------------------|-------------------------|----------------|
|                 |                       |                      |                         | W                       | B    | T    | L    |                    |                        |                       |                    |                         |                |
| LCCH1/0-12-X    | 1/0 AWG               | 1/2                  | 1.75                    | 0.80                    | 1.44 | 0.12 | 4.86 | Pink               | P42                    | 12                    | 42                 | 1 1/2                   | 10             |
| LCCH2/0-12-X    | 2/0 AWG               | 1/2                  | 1.75                    | 0.85                    | 1.50 | 0.13 | 4.98 | Black              | P45                    | 13                    | 45                 | 1 9/16                  | 10             |
| LCCH3/0-12-X    | 3/0 AWG               | 1/2                  | 1.75                    | 0.96                    | 1.50 | 0.13 | 5.03 | Orange             | P50                    | 14                    | 50                 | 1 9/16                  | 10             |
| ◆ LCCH4/0-12-X  | 4/0 AWG               | 1/2                  | 1.75                    | 1.06                    | 1.56 | 0.14 | 5.13 | Purple             | P54                    | 15                    | 54                 | 1 5/8                   | 10             |
| ◆ LCCH250-12-X  | 250 kcmil             | 1/2                  | 1.75                    | 1.17                    | 1.61 | 0.14 | 5.23 | Yellow             | P62                    | 16                    | 62                 | 1 1/16                  | 10             |
| ◆ LCCH300-12-X  | 300 kcmil             | 1/2                  | 1.75                    | 1.19                    | 2.24 | 0.16 | 5.94 | White              | P66                    | 17                    | 66                 | 2 5/16                  | 10             |
| ◆ LCCH350-12-X  | 350 kcmil             | 1/2                  | 1.75                    | 1.28                    | 2.24 | 0.17 | 5.99 | Red                | P71                    | 18                    | 71                 | 2 5/16                  | 10             |
| ◆ LCCH400-12-6  | 400 kcmil             | 1/2                  | 1.75                    | 1.39                    | 2.30 | 0.18 | 6.10 | Blue               | P76                    | 19                    | 76                 | 2 3/8                   | 6              |
| ◆ LCCH500-12-6  | 500 kcmil             | 1/2                  | 1.75                    | 1.54                    | 2.50 | 0.22 | 6.36 | Brown              | P87                    | 20                    | 87                 | 2 9/16                  | 6              |
| ◆ LCCH600-12-6  | 600 kcmil             | 1/2                  | 1.75                    | 1.70                    | 2.69 | 0.26 | 6.63 | Green              | P94                    | 22                    | 94                 | 2 3/4                   | 6              |
| ◆ LCCH750-12-6  | 750 kcmil             | 1/2                  | 1.75                    | 1.89                    | 2.88 | 0.26 | 7.04 | Black              | P106                   | 24                    | 106                | 2 15/16                 | 6              |
| ◆ LCCH1000-12-3 | 1000 kcmil            | 1/2                  | 1.75                    | 2.17                    | 3.00 | 0.32 | 7.29 | White              | P125                   | 27                    | 125                | 3 1/16                  | 3              |

‡See pages D3.66, D3.67 for tool and die information.

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

◆NEMA hole sizes and spacing.