

A. System Overview



## Code Conductor, One-Hole, Long Barrel Lug, 45° Angle

B1. Cable Ties

### For Use with Stranded Copper Conductors

B2. Cable Accessories

#### Type LCB-H

B3. Stainless Steel Ties

- 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

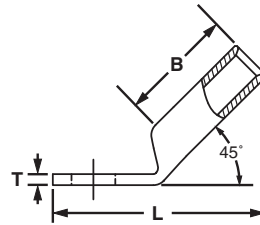
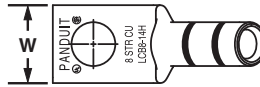
- UL Listed and CSA Certified to 35 KV\*\* and temperature rated to 90°C when crimped with Panduit and specified competitor crimping tools and dies
- UL Listed and CSA Certified for wide wire range-taking capability when crimped with Panduit® Uni-Die™ Dieless Crimping Tools‡
- **Tested by Telcordia – meets NEBS Level 3**
- American Bureau of Shipping approved

C1. Wiring Duct



C2. Surface Raceway

C3. Abrasion Protection



C4. Cable Management

| Part Number         | Copper Conductor Size       | Stud Hole Size (In.) | Figure Dimensions (In.) |      |      |      | Panduit Color Code | Panduit Die Index No.‡ | Burdndy Die Index No.‡ | T&B Die Index No.‡ | Wire Strip Length (In.) | Std. Pkg. Qty. |
|---------------------|-----------------------------|----------------------|-------------------------|------|------|------|--------------------|------------------------|------------------------|--------------------|-------------------------|----------------|
|                     |                             |                      | W                       | B    | T    | L    |                    |                        |                        |                    |                         |                |
| <b>LCB8-10H-L</b>   | #8 AWG                      | #10                  | 0.41                    | 0.70 | 0.08 | 1.23 | Red                | P21                    | 49                     | 21                 | 3/4                     | 50             |
| <b>LCB8-14H-L</b>   |                             | 1/4                  | 0.48                    | 0.70 | 0.07 | 1.31 | Red                | P21                    | 49                     | 21                 | 3/4                     | 50             |
| <b>LCB6-10H-L</b>   | #6 AWG                      | #10                  | 0.45                    | 1.07 | 0.09 | 1.52 | Blue               | P24                    | 7                      | 24                 | 1 1/8                   | 50             |
| <b>LCB6-14H-L</b>   |                             | 1/4                  | 0.48                    | 1.07 | 0.08 | 1.60 | Blue               | P24                    | 7                      | 24                 | 1 1/8                   | 50             |
| <b>LCB6-38H-L</b>   |                             | 3/8                  | 0.62                    | 1.07 | 0.05 | 1.81 | Blue               | P24                    | 7                      | 24                 | 1 1/8                   | 50             |
| <b>LCB4-10H-L</b>   | #4 – #3 AWG STR, #2 AWG SOL | #10                  | 0.55                    | 1.05 | 0.09 | 1.54 | Gray               | P29                    | 8                      | 29                 | 1 1/8                   | 50             |
| <b>LCB4-14H-L</b>   |                             | 1/4                  | 0.55                    | 1.05 | 0.09 | 1.63 | Gray               | P29                    | 8                      | 29                 | 1 1/8                   | 50             |
| <b>LCB2-10H-Q</b>   | #2 AWG                      | #10                  | 0.60                    | 1.16 | 0.10 | 1.68 | Brown              | P33                    | 10                     | 33                 | 1 1/4                   | 25             |
| <b>LCB2-56H-Q</b>   |                             | 5/16                 | 0.66                    | 1.16 | 0.10 | 1.87 | Brown              | P33                    | 10                     | 33                 | 1 1/4                   | 25             |
| <b>LCB1-10H-E</b>   | #1 AWG                      | #10                  | 0.70                    | 1.36 | 0.11 | 1.83 | Green              | P37                    | 11                     | 37                 | 1 7/16                  | 20             |
| <b>LCB1-56H-E</b>   |                             | 5/16                 | 0.70                    | 1.36 | 0.11 | 2.03 | Green              | P37                    | 11                     | 37                 | 1 7/16                  | 20             |
| <b>LCB1/0-10H-X</b> |                             | #10                  | 0.76                    | 1.44 | 0.12 | 1.92 | Pink               | P42                    | 12                     | 42                 | 1 1/2                   | 10             |
| <b>LCB1/0-56H-X</b> | 1/0 AWG                     | 5/16                 | 0.76                    | 1.44 | 0.12 | 2.12 | Pink               | P42                    | 12                     | 42                 | 1 1/2                   | 10             |
| <b>LCB1/0-38H-X</b> |                             | 3/8                  | 0.76                    | 1.44 | 0.12 | 2.19 | Pink               | P42                    | 12                     | 42                 | 1 1/2                   | 10             |
| <b>LCB1/0-12H-X</b> | 2/0 AWG                     | 1/2                  | 0.80                    | 1.44 | 0.11 | 2.42 | Pink               | P42                    | 12                     | 42                 | 1 1/2                   | 10             |
| <b>LCB2/0-38H-X</b> |                             | 3/8                  | 0.85                    | 1.50 | 0.13 | 2.31 | Black              | P45                    | 13                     | 45                 | 1 9/16                  | 10             |
| <b>LCB2/0-12H-X</b> |                             | 1/2                  | 0.85                    | 1.50 | 0.13 | 2.53 | Black              | P45                    | 13                     | 45                 | 1 9/16                  | 10             |
| <b>LCB3/0-38H-X</b> | 3/0 AWG                     | 3/8                  | 0.96                    | 1.50 | 0.13 | 2.33 | Orange             | P50                    | 14                     | 50                 | 1 9/16                  | 10             |
| <b>LCB3/0-12H-X</b> |                             | 1/2                  | 0.96                    | 1.50 | 0.13 | 2.58 | Orange             | P50                    | 14                     | 50                 | 1 9/16                  | 10             |

‡See pages D3.62 – D3.65 for tool and die information.

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

E4. Permanent Identification

E5. Lockout/Tagout & Safety Solutions

F. Index



## Code Conductor, One-Hole, Long Barrel Lug, 45° Angle (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    |                    |                        |                       |                    |                         |                |
| LCB4/0-38H-X | 4/0 AWG               | 3/8                  | 1.06                    | 1.56 | 0.14 | 2.48 | Purple             | P54                    | 15                    | 54                 | 1 5/8                   | 10             |
| LCB4/0-12H-X |                       | 1/2                  | 1.06                    | 1.56 | 0.14 | 2.67 | Purple             | P54                    | 15                    | 54                 | 1 5/8                   | 10             |
| LCB250-12H-X | 250 kcmil             | 1/2                  | 1.17                    | 1.61 | 0.14 | 2.74 | Yellow             | P62                    | 16                    | 62                 | 1 11/16                 | 10             |
| LCB250-78H-X |                       | 7/8                  | 1.25                    | 1.61 | 0.12 | 3.27 | Yellow             | P62                    | 16                    | 62                 | 1 11/16                 | 10             |
| LCB300-56H-X | 300 kcmil             | 5/16                 | 1.19                    | 2.24 | 0.16 | 3.24 | White              | P66                    | 17                    | 66                 | 2 5/16                  | 10             |
| LCB300-38H-X |                       | 3/8                  | 1.19                    | 2.24 | 0.16 | 3.24 | White              | P66                    | 17                    | 66                 | 2 5/16                  | 10             |
| LCB300-12H-X |                       | 1/2                  | 1.19                    | 2.24 | 0.16 | 3.35 | White              | P66                    | 17                    | 66                 | 2 5/16                  | 10             |
| LCB350-12H-X | 350 kcmil             | 1/2                  | 1.28                    | 2.24 | 0.17 | 3.39 | Red                | P71                    | 18                    | 71                 | 2 5/16                  | 10             |
| LCB350-78H-X |                       | 7/8                  | 1.28                    | 2.24 | 0.17 | 4.04 | Red                | P71                    | 18                    | 71                 | 2 5/16                  | 10             |
| LCB400-12H-6 | 400 kcmil             | 1/2                  | 1.39                    | 2.30 | 0.18 | 3.53 | Blue               | P76                    | 19                    | 76                 | 2 3/8                   | 6              |
| LCB400-58H-6 |                       | 5/8                  | 1.39                    | 2.30 | 0.18 | 3.74 | Blue               | P76                    | 19                    | 76                 | 2 3/8                   | 6              |
| LCB400-78H-6 |                       | 7/8                  | 1.39                    | 2.30 | 0.18 | 4.13 | Blue               | P76                    | 19                    | 76                 | 2 3/8                   | 6              |
| LCB500-12H-6 | 500 kcmil             | 1/2                  | 1.54                    | 2.50 | 0.22 | 3.74 | Brown              | P87                    | 20                    | 87                 | 2 9/16                  | 6              |
| LCB500-58H-6 |                       | 5/8                  | 1.54                    | 2.50 | 0.22 | 3.95 | Brown              | P87                    | 20                    | 87                 | 2 9/16                  | 6              |
| LCB500-78H-6 |                       | 7/8                  | 1.54                    | 2.50 | 0.22 | 4.34 | Brown              | P87                    | 20                    | 87                 | 2 9/16                  | 6              |
| LCB600-12H-6 | 600 kcmil             | 1/2                  | 1.70                    | 2.69 | 0.26 | 4.56 | Green              | P94                    | 22                    | 94                 | 2 3/4                   | 6              |
| LCB600-58H-6 |                       | 5/8                  | 1.70                    | 2.69 | 0.26 | 4.56 | Green              | P94                    | 22                    | 94                 | 2 3/4                   | 6              |

‡See pages D3.62 – D3.65 for tool and die information.

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

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System  
Overview

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Cable Ties

B2.  
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Abrasion  
Protection

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