

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

- 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

B3. Stainless Steel Ties

C1. Wiring Duct



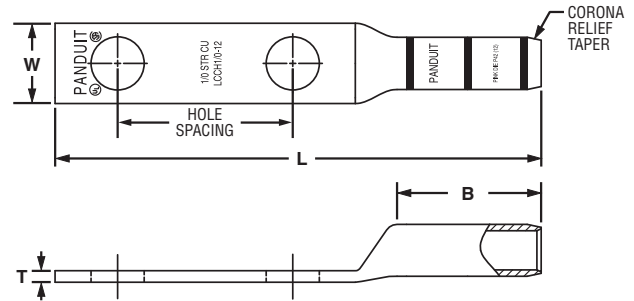
C2. Surface Raceway



Corona Relief Taper

C3. Abrasion Protection

C4. Cable Management



D1. Terminals

D2. Power Connectors

D3. Grounding Connectors

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.

E1. Labeling Systems

E2. Labels

E3. Pre-Printed & Write-On Markers

E4. Permanent Identification

E5. Lockout/Tagout & Safety Solutions

F. Index