

A. System Overview



## Code Conductor, One-Hole, Long Barrel Lug

B1. Cable Ties

### For Use with Stranded Copper Conductors

B2. Cable Accessories

#### Type LCB

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

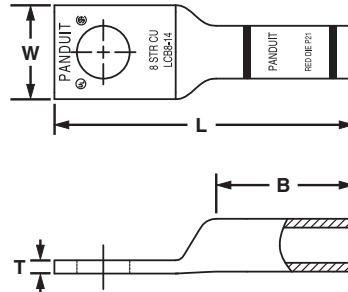
- UL Listed and CSA Certified to 35 KV\*\* and temperature rated to 90°C when crimped with Panduit and specified competitor crimping tools and dies
- UL Listed and CSA Certified for wide wire range-taking capability when crimped with Panduit® Uni-Die™ Dieless Crimping Tools‡
- **Tested by Telcordia – 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						
LCB8-10-L	#8 AWG	#10	0.41	0.70	0.08	1.44	Red	P21	49	21	3/4	50
LCB8-14-L		1/4	0.48	0.70	0.07	1.53	Red	P21	49	21	3/4	50
LCB8-38-L		3/8	0.60	0.70	0.05	1.75	Red	P21	49	21	3/4	50
LCB6-10-L	#6 AWG	#10	0.45	1.07	0.09	1.84	Blue	P24	7	24	1 1/8	50
<b>LCB6-14-L</b>		1/4	0.48	1.07	0.08	1.93	Blue	P24	7	24	1 1/8	50
LCB6-38-L		3/8	0.62	1.07	0.05	2.15	Blue	P24	7	24	1 1/8	50
LCB4-10-L	#4 – #3 AWG STR, #2 AWG SOL	#10	0.55	1.05	0.09	1.86	Gray	P29	8	29	1 1/8	50
<b>LCB4-14-L</b>		1/4	0.55	1.05	0.09	1.95	Gray	P29	8	29	1 1/8	50
LCB4-56-L		5/16	0.62	1.05	0.07	2.13	Gray	P29	8	29	1 1/8	50
LCB4-38-L		3/8	0.62	1.05	0.07	2.17	Gray	P29	8	29	1 1/8	50
LCB2-10-Q	#2 AWG	#10	0.60	1.16	0.10	2.07	Brown	P33	10	33	1 1/4	25
LCB2-14-Q		1/4	0.60	1.16	0.10	2.14	Brown	P33	10	33	1 1/4	25
<b>LCB2-56-Q</b>		5/16	0.66	1.16	0.10	2.27	Brown	P33	10	33	1 1/4	25
LCB2-38-Q		3/8	0.66	1.16	0.10	2.34	Brown	P33	10	33	1 1/4	25
LCB2-12-Q		1/2	0.75	1.16	0.08	2.58	Brown	P33	10	33	1 1/4	25
LCB1-10-E	#1 AWG	#10	0.70	1.36	0.11	2.30	Green	P37	11	37	1 7/16	20
LCB1-56-E		5/16	0.70	1.36	0.11	2.50	Green	P37	11	37	1 7/16	20
LCB1-38-E		3/8	0.70	1.36	0.11	2.57	Green	P37	11	37	1 7/16	20
LCB1-12-E	1/2	0.75	1.36	0.09	2.81	Green	P37	11	37	1 7/16	20	
LCB1/0-10-X	1/0 AWG	#10	0.76	1.44	0.12	2.41	Pink	P42	12	42	1 1/2	10
LCB1/0-56-X		5/16	0.76	1.44	0.12	2.61	Pink	P42	12	42	1 1/2	10
<b>LCB1/0-38-X</b>		3/8	0.76	1.44	0.12	2.69	Pink	P42	12	42	1 1/2	10
LCB1/0-12-X		1/2	0.80	1.44	0.12	2.92	Pink	P42	12	42	1 1/2	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

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## Code Conductor, One-Hole, Long Barrel Lug (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						
<b>LCB2/0-38-X</b>	2/0 AWG	3/8	0.85	1.50	0.13	2.82	Black	P45	13	45	1 9/16	10
LCB2/0-12-X		1/2	0.85	1.50	0.13	3.07	Black	P45	13	45	1 9/16	10
<b>LCB3/0-38-X</b>	3/0 AWG	3/8	0.96	1.50	0.13	2.87	Orange	P50	14	50	1 9/16	10
LCB3/0-12-X		1/2	0.96	1.50	0.13	3.12	Orange	P50	14	50	1 9/16	10
<b>LCB4/0-38-X</b>	4/0 AWG	3/8	1.06	1.56	0.14	3.03	Purple	P54	15	54	1 5/8	10
LCB4/0-12-X		1/2	1.06	1.56	0.14	3.22	Purple	P54	15	54	1 5/8	10
<b>LCB250-12-X</b>	250 kcmil	1/2	1.17	1.61	0.14	3.32	Yellow	P62	16	62	1 11/16	10
LCB250-78-X		7/8	1.25	1.61	0.12	3.85	Yellow	P62	16	62	1 11/16	10
<b>LCB300-56-X</b>	300 kcmil	5/16	1.19	2.24	0.16	3.95	White	P66	17	66	2 5/16	10
LCB300-38-X		3/8	1.19	2.24	0.16	3.95	White	P66	17	66	2 5/16	10
LCB300-12-X		1/2	1.19	2.24	0.16	4.06	White	P66	17	66	2 5/16	10
<b>LCB350-12-X</b>	350 kcmil	1/2	1.28	2.24	0.17	4.11	Red	P71	18	71	2 5/16	10
LCB350-78-X		7/8	1.28	2.24	0.17	4.78	Red	P71	18	71	2 5/16	10
<b>LCB400-38-6</b>	400 kcmil	3/8	1.39	2.30	0.18	4.27	Blue	P76	19	76	2 3/8	6
LCB400-12-6		1/2	1.39	2.30	0.18	4.27	Blue	P76	19	76	2 3/8	6
LCB400-58-6		5/8	1.39	2.30	0.18	4.48	Blue	P76	19	76	2 3/8	6
LCB400-78-6		7/8	1.39	2.30	0.18	4.88	Blue	P76	19	76	2 3/8	6
<b>LCB500-12-6</b>	500 kcmil	1/2	1.54	2.50	0.22	4.53	Brown	P87	20	87	2 9/16	6
LCB500-58-6		5/8	1.54	2.50	0.22	4.74	Brown	P87	20	87	2 9/16	6
LCB500-78-6		7/8	1.54	2.50	0.22	5.13	Brown	P87	20	87	2 9/16	6
<b>LCB600-12-6</b>	600 kcmil	1/2	1.70	2.69	0.26	5.40	Green	P94	22	94	2 3/4	6
LCB600-58-6		5/8	1.70	2.69	0.26	5.40	Green	P94	22	94	2 3/4	6
<b>LCB750-58-6</b>	750 kcmil	5/8	1.89	2.88	0.26	5.98	Black	P106	24	106	2 15/16	6
LCB750-78-6		7/8	1.89	2.88	0.26	6.07	Black	P106	24	106	2 15/16	6
<b>LCB800-58-6</b>	800 kcmil	5/8	1.95	2.94	0.29	6.06	Orange	P107	25	107	3	6
<b>LCB1000-58-3</b>	1000 kcmil	5/8	2.17	3.00	0.32	6.32	White	P125	27	125	3 1/16	3

‡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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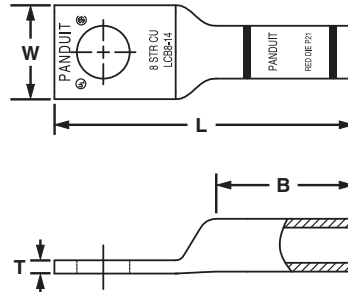
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C4. Cable Management

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<b>LCB8-10-L</b>	#8 AWG	#10	0.41	0.70	0.08	1.44	Red	P21	49	21	3/4	50
<b>LCB8-14-L</b>		1/4	0.48	0.70	0.07	1.53	Red	P21	49	21	3/4	50
<b>LCB8-38-L</b>		3/8	0.60	0.70	0.05	1.75	Red	P21	49	21	3/4	50
<b>LCB6-10-L</b>	#6 AWG	#10	0.45	1.07	0.09	1.84	Blue	P24	7	24	1 1/8	50
<b>LCB6-14-L</b>		1/4	0.48	1.07	0.08	1.93	Blue	P24	7	24	1 1/8	50
<b>LCB6-38-L</b>		3/8	0.62	1.07	0.05	2.15	Blue	P24	7	24	1 1/8	50
<b>LCB4-10-L</b>	#4 – #3 AWG STR, #2 AWG SOL	#10	0.55	1.05	0.09	1.86	Gray	P29	8	29	1 1/8	50
<b>LCB4-14-L</b>		1/4	0.55	1.05	0.09	1.95	Gray	P29	8	29	1 1/8	50
<b>LCB4-56-L</b>		5/16	0.62	1.05	0.07	2.13	Gray	P29	8	29	1 1/8	50
<b>LCB4-38-L</b>		3/8	0.62	1.05	0.07	2.17	Gray	P29	8	29	1 1/8	50
<b>LCB2-10-Q</b>	#2 AWG	#10	0.60	1.16	0.10	2.07	Brown	P33	10	33	1 1/4	25
<b>LCB2-14-Q</b>		1/4	0.60	1.16	0.10	2.14	Brown	P33	10	33	1 1/4	25
<b>LCB2-56-Q</b>		5/16	0.66	1.16	0.10	2.27	Brown	P33	10	33	1 1/4	25
<b>LCB2-38-Q</b>		3/8	0.66	1.16	0.10	2.34	Brown	P33	10	33	1 1/4	25
<b>LCB2-12-Q</b>		1/2	0.75	1.16	0.08	2.58	Brown	P33	10	33	1 1/4	25
<b>LCB1-10-E</b>	#1 AWG	#10	0.70	1.36	0.11	2.30	Green	P37	11	37	1 7/16	20
<b>LCB1-56-E</b>		5/16	0.70	1.36	0.11	2.50	Green	P37	11	37	1 7/16	20
<b>LCB1-38-E</b>		3/8	0.70	1.36	0.11	2.57	Green	P37	11	37	1 7/16	20
<b>LCB1-12-E</b>		1/2	0.75	1.36	0.09	2.81	Green	P37	11	37	1 7/16	20
<b>LCB1/0-10-X</b>	1/0 AWG	#10	0.76	1.44	0.12	2.41	Pink	P42	12	42	1 1/2	10
<b>LCB1/0-56-X</b>		5/16	0.76	1.44	0.12	2.61	Pink	P42	12	42	1 1/2	10
<b>LCB1/0-38-X</b>		3/8	0.76	1.44	0.12	2.69	Pink	P42	12	42	1 1/2	10
<b>LCB1/0-12-X</b>		1/2	0.80	1.44	0.12	2.92	Pink	P42	12	42	1 1/2	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 (continued)

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			W	B	T	L						
<b>LCB2/0-38-X</b>	2/0 AWG	3/8	0.85	1.50	0.13	2.82	Black	P45	13	45	1 9/16	10
LCB2/0-12-X		1/2	0.85	1.50	0.13	3.07	Black	P45	13	45	1 9/16	10
<b>LCB3/0-38-X</b>	3/0 AWG	3/8	0.96	1.50	0.13	2.87	Orange	P50	14	50	1 9/16	10
LCB3/0-12-X		1/2	0.96	1.50	0.13	3.12	Orange	P50	14	50	1 9/16	10
<b>LCB4/0-38-X</b>	4/0 AWG	3/8	1.06	1.56	0.14	3.03	Purple	P54	15	54	1 5/8	10
LCB4/0-12-X		1/2	1.06	1.56	0.14	3.22	Purple	P54	15	54	1 5/8	10
<b>LCB250-12-X</b>	250 kcmil	1/2	1.17	1.61	0.14	3.32	Yellow	P62	16	62	1 11/16	10
LCB250-78-X		7/8	1.25	1.61	0.12	3.85	Yellow	P62	16	62	1 11/16	10
<b>LCB300-56-X</b>	300 kcmil	5/16	1.19	2.24	0.16	3.95	White	P66	17	66	2 5/16	10
LCB300-38-X		3/8	1.19	2.24	0.16	3.95	White	P66	17	66	2 5/16	10
LCB300-12-X		1/2	1.19	2.24	0.16	4.06	White	P66	17	66	2 5/16	10
<b>LCB350-12-X</b>	350 kcmil	1/2	1.28	2.24	0.17	4.11	Red	P71	18	71	2 5/16	10
LCB350-78-X		7/8	1.28	2.24	0.17	4.78	Red	P71	18	71	2 5/16	10
<b>LCB400-38-6</b>	400 kcmil	3/8	1.39	2.30	0.18	4.27	Blue	P76	19	76	2 3/8	6
LCB400-12-6		1/2	1.39	2.30	0.18	4.27	Blue	P76	19	76	2 3/8	6
LCB400-58-6		5/8	1.39	2.30	0.18	4.48	Blue	P76	19	76	2 3/8	6
LCB400-78-6		7/8	1.39	2.30	0.18	4.88	Blue	P76	19	76	2 3/8	6
<b>LCB500-12-6</b>	500 kcmil	1/2	1.54	2.50	0.22	4.53	Brown	P87	20	87	2 9/16	6
LCB500-58-6		5/8	1.54	2.50	0.22	4.74	Brown	P87	20	87	2 9/16	6
LCB500-78-6		7/8	1.54	2.50	0.22	5.13	Brown	P87	20	87	2 9/16	6
<b>LCB600-12-6</b>	600 kcmil	1/2	1.70	2.69	0.26	5.40	Green	P94	22	94	2 3/4	6
LCB600-58-6		5/8	1.70	2.69	0.26	5.40	Green	P94	22	94	2 3/4	6
<b>LCB750-58-6</b>	750 kcmil	5/8	1.89	2.88	0.26	5.98	Black	P106	24	106	2 15/16	6
LCB750-78-6		7/8	1.89	2.88	0.26	6.07	Black	P106	24	106	2 15/16	6
<b>LCB800-58-6</b>	800 kcmil	5/8	1.95	2.94	0.29	6.06	Orange	P107	25	107	3	6
<b>LCB1000-58-3</b>	1000 kcmil	5/8	2.17	3.00	0.32	6.32	White	P125	27	125	3 1/16	3

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

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