



**THE DATASHEET OF
LCA3/0-12H-X**



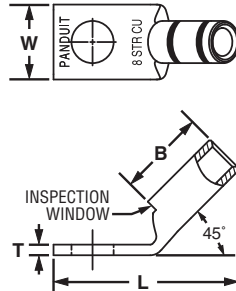


Code Conductor, One-Hole, Standard Barrel with Window Lug, 45° Angle

For Use with Stranded Copper Conductors

Type LCA-H

- 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
- 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



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						
LCA10-14H-L*	#14 – #10 AWG STR, #12 – #10 AWG SOL	1/4	0.42	0.38	0.05	1.05	—	—	—	—	7/16	50
LCA8-10H-L	#8 AWG	#10	0.41	0.56	0.08	1.10	Red	P21	49	21	5/8	50
LCA8-14H-L		1/4	0.48	0.56	0.07	1.19	Red	P21	49	21	5/8	50
LCA8-56H-L		5/16	0.56	0.56	0.05	1.30	Red	P21	49	21	5/8	50
LCA8-38H-L		3/8	0.60	0.56	0.05	1.40	Red	P21	49	21	5/8	50
LCA6-10H-L	#6 AWG	#10	0.45	0.81	0.09	1.29	Blue	P24	7	24	7/8	50
LCA6-14H-L		1/4	0.48	0.81	0.08	1.38	Blue	P24	7	24	7/8	50
LCA6-56H-L		5/16	0.56	0.81	0.07	1.49	Blue	P24	7	24	7/8	50
LCA6-38H-L		3/8	0.62	0.81	0.06	1.59	Blue	P24	7	24	7/8	50
LCA4-10H-L	#4 – #3 AWG STR, #2 AWG SOL	#10	0.55	0.81	0.09	1.31	Gray	P29	8	29	7/8	50
LCA4-14H-L		1/4	0.55	0.81	0.09	1.40	Gray	P29	8	29	7/8	50
LCA4-56H-L		5/16	0.55	0.81	0.09	1.52	Gray	P29	8	29	7/8	50
LCA4-38H-L		3/8	0.62	0.81	0.07	1.61	Gray	P29	8	29	7/8	50
LCA2-14H-Q	#2 AWG	1/4	0.60	0.88	0.10	1.49	Brown	P33	10	33	15/16	25
LCA2-56H-Q		5/16	0.66	0.88	0.10	1.61	Brown	P33	10	33	15/16	25
LCA2-38H-Q		3/8	0.66	0.88	0.10	1.68	Brown	P33	10	33	15/16	25
LCA2-12H-Q		1/2	0.75	0.88	0.08	1.90	Brown	P33	10	33	15/16	25

‡See pages D3.58 – D3.61 for tool and die information.

*Not tested to NEBS Level 3 requirements.

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

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A. System Overview



Code Conductor, One-Hole, Standard Barrel with Window Lug, 45° Angle (continued)

B1. Cable Ties

B2. Cable Accessories

B3. Stainless Steel Ties

C1. Wiring Duct

C2. Surface Raceway

C3. Abrasion Protection

C4. Cable Management

D1. Terminals

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Part Number	Copper Conductor Size	Stud Hole Size (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						
LCA1-14H-E	#1 AWG	1/4	0.70	0.88	0.11	1.50	Green	P37	11	37	15/16	20
LCA1-56H-E		5/16	0.70	0.88	0.11	1.62	Green	P37	11	37	15/16	20
LCA1-38H-E		3/8	0.70	0.88	0.11	1.70	Green	P37	11	37	15/16	20
LCA1-12H-E		1/2	0.75	0.88	0.09	1.93	Green	P37	11	37	15/16	20
LCA1/0-14H-X	1/0 AWG	1/4	0.76	0.94	0.12	1.63	Pink	P42	12	42	1	10
LCA1/0-56H-X		5/16	0.76	0.94	0.12	1.69	Pink	P42	12	42	1	10
LCA1/0-38H-X		3/8	0.76	0.94	0.12	1.76	Pink	P42	12	42	1	10
LCA1/0-12H-X		1/2	0.80	0.94	0.12	1.99	Pink	P42	12	42	1	10
LCA2/0-14H-X	2/0 AWG	1/4	0.85	0.98	0.13	1.77	Black	P45	13	45	1 1/16	10
LCA2/0-56H-X		5/16	0.85	0.98	0.13	1.77	Black	P45	13	45	1 1/16	10
LCA2/0-38H-X		3/8	0.85	0.98	0.13	1.83	Black	P45	13	45	1 1/16	10
LCA2/0-12H-X		1/2	0.85	0.98	0.13	2.08	Black	P45	13	45	1 1/16	10
LCA2/0-34H-X	3/0 AWG	3/4	1.06	0.98	0.09	2.66	Black	P45	13	45	1 1/16	10
LCA3/0-14H-X		1/4	0.96	1.14	0.13	1.90	Orange	P50	14	50	1 3/16	10
LCA3/0-56H-X		5/16	0.96	1.14	0.13	1.90	Orange	P50	14	50	1 3/16	10
LCA3/0-38H-X		3/8	0.96	1.14	0.13	1.96	Orange	P50	14	50	1 3/16	10
LCA3/0-12H-X	4/0 AWG	1/2	0.96	1.14	0.13	2.21	Orange	P50	14	50	1 3/16	10
LCA4/0-14H-X		1/4	1.06	1.19	0.14	1.97	Purple	P54	15	54	1 1/4	10
LCA4/0-56H-X		5/16	1.06	1.19	0.14	1.98	Purple	P54	15	54	1 1/4	10
LCA4/0-38H-X		3/8	1.06	1.19	0.14	2.05	Purple	P54	15	54	1 1/4	10
LCA4/0-12H-X	250 kcmil	1/2	1.06	1.19	0.14	2.28	Purple	P54	15	54	1 1/4	10
LCA250-14H-X		1/4	1.17	1.25	0.14	2.05	Yellow	P62	16	62	1 5/16	10
LCA250-56H-X		5/16	1.17	1.25	0.14	2.06	Yellow	P62	16	62	1 5/16	10
LCA250-38H-X		3/8	1.17	1.25	0.14	2.13	Yellow	P62	16	62	1 5/16	10
LCA250-12H-X	300 kcmil	1/2	1.17	1.25	0.14	2.36	Yellow	P62	16	62	1 5/16	10
LCA300-56H-X		5/16	1.19	1.44	0.16	2.55	White	P66	17	66	1 1/2	10
LCA300-38H-X		3/8	1.19	1.44	0.16	2.55	White	P66	17	66	1 1/2	10
LCA300-12H-X		1/2	1.19	1.44	0.16	2.66	White	P66	17	66	1 1/2	10
LCA300-58H-X	350 kcmil	5/8	1.19	1.44	0.16	2.87	White	P66	17	66	1 1/2	10
LCA300-78H-X		7/8	1.19	1.44	0.16	3.31	White	P66	17	66	1 1/2	10
LCA350-38H-X		3/8	1.28	1.44	0.17	2.59	Red	P71	18	71	1 1/2	10
LCA350-12H-X		1/2	1.28	1.44	0.17	2.70	Red	P71	18	71	1 1/2	10
LCA350-58H-X	400 kcmil	5/8	1.28	1.44	0.17	2.91	Red	P71	18	71	1 1/2	10
LCA350-78H-X		7/8	1.28	1.44	0.17	3.35	Red	P71	18	71	1 1/2	10
LCA400-38H-6		3/8	1.39	1.50	0.18	2.85	Blue	P76	19	76	1 9/16	6
LCA400-12H-6		1/2	1.39	1.50	0.18	2.85	Blue	P76	19	76	1 9/16	6
LCA400-58H-6	500 kcmil	5/8	1.39	1.50	0.18	3.06	Blue	P76	19	76	1 9/16	6
LCA400-78H-6		7/8	1.39	1.50	0.18	3.45	Blue	P76	19	76	1 9/16	6
LCA500-38H-6		3/8	1.54	1.75	0.22	2.94	Brown	P87	20	87	1 13/16	6
LCA500-12H-6		1/2	1.54	1.75	0.22	3.10	Brown	P87	20	87	1 13/16	6
LCA500-58H-6	600 kcmil	5/8	1.54	1.75	0.22	3.31	Brown	P87	20	87	1 13/16	6
LCA500-34H-6		3/4	1.54	1.75	0.22	3.45	Brown	P87	20	87	1 13/16	6
LCA500-78H-6		7/8	1.54	1.75	0.22	3.70	Brown	P87	20	87	1 13/16	6
LCA500-1H-6		1	1.54	1.75	0.22	3.82	Brown	P87	20	87	1 13/16	6
LCA600-12H-6	600 kcmil	1/2	1.70	1.75	0.26	3.76	Green	P94	22	94	1 13/16	6
LCA600-58H-6		5/8	1.70	1.75	0.26	3.76	Green	P94	22	94	1 13/16	6
LCA600-78H-6		7/8	1.70	1.75	0.26	3.76	Green	P94	22	94	1 13/16	6

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Looking for pricing, stock, or lifecycle information?

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