



Flex Conductor, One-Hole, Standard Barrel with Window Lug (continued)

Part Number	Flex Conductor Size		Code 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.
	Class G, H, I, K, M	Diesel Locomotive			W	B	T	L						
LCAX1/0-14-X	1/0 AWG	1/0 AWG	1/0 AWG	1/4	0.85	0.72	0.13	1.82	Pink	P42	12	42	3/4	10
LCAX1/0-56-X				5/16	0.85	0.72	0.13	1.82	Pink	P42	12	42	3/4	10
LCAX1/0-38-X				3/8	0.85	0.72	0.13	1.89	Pink	P42	12	42	3/4	10
LCAX1/0-12-X				1/2	0.85	0.72	0.13	2.14	Pink	P42	12	42	3/4	10
LCAX1/0-58-X				5/8	0.96	0.72	0.11	2.38	Pink	P42	12	42	3/4	10
LCAX2/0-10-X	2/0 AWG	2/0 AWG	2/0 AWG	#10	0.96	0.83	0.13	1.72	Black	P45	13	45	7/8	10
LCAX2/0-14-X				1/4	0.96	0.83	0.13	1.97	Black	P45	13	45	7/8	10
LCAX2/0-56-X				5/16	0.96	0.83	0.13	1.97	Black	P45	13	45	7/8	10
LCAX2/0-38-X				3/8	0.96	0.83	0.13	2.03	Black	P45	13	45	7/8	10
LCAX2/0-12-X				1/2	0.96	0.83	0.13	2.28	Black	P45	13	45	7/8	10
LCAX2/0-58-X	5/8	0.96	0.83	0.13	2.52	Black	P45	13	45	7/8	10			
LCAX3/0-10-X	3/0 AWG	3/0 AWG	3/0 AWG	#10	1.06	0.91	0.14	1.84	Orange	P50	14	50	1	10
LCAX3/0-14-X				1/4	1.06	0.91	0.14	2.08	Orange	P50	14	50	1	10
LCAX3/0-56-X				5/16	1.06	0.91	0.14	2.10	Orange	P50	14	50	1	10
LCAX3/0-38-X				3/8	1.06	0.91	0.14	2.17	Orange	P50	14	50	1	10
LCAX3/0-12-X				1/2	1.06	0.91	0.14	2.40	Orange	P50	14	50	1	10
LCAX3/0-58-X	5/8	1.06	0.91	0.14	2.64	Orange	P50	14	50	1	10			
LCAX4/0-14-X	4/0 AWG	4/0 AWG	4/0 AWG	1/4	1.19	1.03	0.16	2.30	Purple	P54	15	54	1 1/16	10
LCAX4/0-56-X				5/16	1.19	1.03	0.16	2.53	Purple	P54	15	54	1 1/16	10
LCAX4/0-38-X				3/8	1.19	1.03	0.16	2.53	Purple	P54	15	54	1 1/16	10
LCAX4/0-12-X				1/2	1.19	1.03	0.16	2.64	Purple	P54	15	54	1 1/16	10
LCAX4/0-58-X				5/8	1.19	1.03	0.16	2.85	Purple	P54	15	54	1 1/16	10
LCAX4/0-34-X	3/4	1.19	1.03	0.16	3.04	Purple	P54	15	54	1 1/16	10			
LCAX250-14-X	250 kcmil	262.6 kcmil	—	1/4	1.28	1.03	0.17	2.34	Yellow	P62	16	62	1 1/16	10
LCAX250-56-X				5/16	1.28	1.03	0.17	2.57	Yellow	P62	16	62	1 1/16	10
LCAX250-38-X				3/8	1.28	1.03	0.17	2.57	Yellow	P62	16	62	1 1/16	10
LCAX250-12-X				1/2	1.28	1.03	0.17	2.68	Yellow	P62	16	62	1 1/16	10
LCAX250-58-X				5/8	1.28	1.03	0.17	2.89	Yellow	P62	16	62	1 1/16	10
LCAX250-34-X	3/4	1.28	1.03	0.17	3.08	Yellow	P62	16	62	1 1/16	10			
LCAX300-38-6	300 kcmil	313.1 kcmil	—	3/8	1.39	1.19	0.18	2.91	Red	P71	18	71H	1 1/4	6
LCAX300-12-6				1/2	1.39	1.19	0.18	2.91	Red	P71	18	71H	1 1/4	6
LCAX300-58-6				5/8	1.39	1.19	0.18	3.12	Red	P71	18	71H	1 1/4	6
LCAX350-56-6	350 kcmil	373.7 kcmil	—	5/16	1.54	1.29	0.22	2.93	Blue	P76	19	76H	1 3/8	6
LCAX350-38-6				3/8	1.54	1.29	0.22	2.93	Blue	P76	19	76H	1 3/8	6
LCAX350-12-6				1/2	1.54	1.29	0.22	3.09	Blue	P76	19	76H	1 3/8	6
LCAX350-58-6	5/8	1.54	1.29	0.22	3.30	Blue	P76	19	76H	1 3/8	6			
LCAX450-12-6	450 kcmil	444.4 kcmil	—	1/2	1.70	1.40	0.26	3.60	Brown	P87	20	87H	1 7/16	6
LCAX450-58-6				5/8	1.70	1.40	0.26	3.73	Brown	P87	20	87H	1 7/16	6
LCAX500-56-6	500 kcmil	535.3 kcmil	—	5/16	1.89	1.48	0.26	3.27	Pink	P99	L99	99H	1 9/16	6
LCAX500-38-6				3/8	1.89	1.48	0.26	3.27	Pink	P99	L99	99H	1 9/16	6
LCAX500-12-6				1/2	1.89	1.48	0.26	3.64	Pink	P99	L99	99H	1 9/16	6
LCAX500-58-6				5/8	1.89	1.48	0.26	4.20	Pink	P99	L99	99H	1 9/16	6
LCAX650-56-6	—	646.4 kcmil	—	5/16	1.95	1.45	0.30	3.27	Black	P106	24	106H	1 1/2	6
LCAX650-38-6				3/8	1.95	1.45	0.30	3.27	Black	P106	24	106H	1 1/2	6
LCAX650-12-6				1/2	1.95	1.45	0.30	3.64	Black	P106	24	106H	1 1/2	6
LCAX650-58-6				5/8	1.95	1.45	0.30	4.20	Black	P106	24	106H	1 1/2	6
LCAX750-12-3	—	777.7 kcmil	—	1/2	2.17	1.66	0.32	3.94	Yellow	P115	L115	115H	1 3/4	3
LCAX750-58-3				5/8	2.17	1.66	0.32	4.59	Yellow	P115	L115	115H	1 3/4	3

‡See pages D3.70 – D3.73 for tool and die information.

*Not UL Listed or CSA Certified with Class K flex conductor when crimped with Burndy tools.

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

A.
System
Overview

B1.
Cable Ties

B2.
Cable
Accessories

B3.
Stainless
Steel Ties

C1.
Wiring
Duct

C2.
Surface
Raceway

C3.
Abrasion
Protection

C4.
Cable
Management

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.
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