

SECONDARY UNDERGROUND

CS Aluminum Compression Splices

For combinations of aluminum-aluminum and aluminum-copper conductors

Sleeves are made of highly conductive aluminum

Quick identification with color coded foil caps

Solid center stop assures proper conductor positioning

Qualifications

- ANSI C119.4, Class A
- RUS Listed



TYPE CS

INSTALLATION DIES

Catalog No.	Mech.	Hyd.
All	5/8 (OD58 Tool) Peach, BG, G, TU	U-BG B58CS, 52

TYPE CS COMPRESSION SLEEVES, 5/8 DIE

Catalog No.	End "A" Conductor Range		End "B" Conductor Range	
	AWG	Color Code	AWG	Color Code
CS61	8 str 6 sol	Green	8 str 6 sol	Green
CS62	6 str 4 sol	Blue	10 str 4 sol	Brown
CS63			8 str 6 sol	Green
CS64			6 str 4 sol	Blue
CS65	3-4 str 2 sol	Orange	10 str 8 sol	Brown
CS66			8 str 6 sol	Green
CS67			6 str 4 sol	Blue
CS68			3-4 str 2 sol	Orange
CS69	1-2 str	Red	10 str 8 sol	Brown
CS70			8 str 6 sol	Green
CS71			6 str 4 sol	Blue
CS72			3-4 str 2 sol	Orange
CS73			1-2 str 8 sol	Red
CS74	1/0 str	Yellow	8 str 6 sol	Green
CS75			6 str 4 sol	Blue
CS76			3-4 str 2 sol	Orange
CS77			1-2 str	Red
CS78			1/0 str	Yellow
CS84	2/0 str	Gray	1/0 str	4/0

For combinations of aluminum-aluminum and aluminum-copper conductors

Splices large conductors required for commercial service; use as low cost reducing sleeve

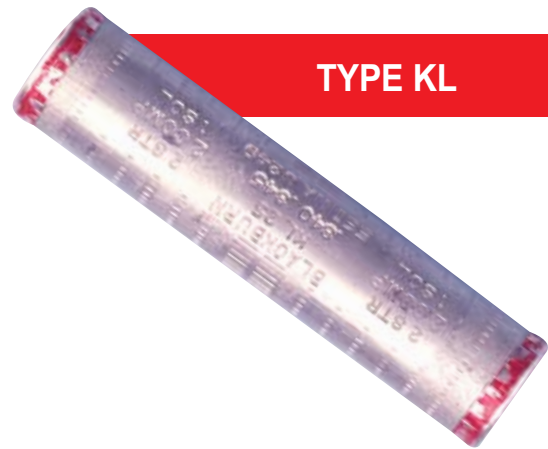
All sizes can be installed with popular mechanical and hydraulic tools

Quick identification with color coded foil caps

Solid Center stop assures proper conductor positioning

Qualifications

- ANSI C119.4, Class A



TYPE KL

INSTALLATION DIES

Catalog No.	Mech.	Hyd.
All	.840, W-K840, EEI, - 11A, TX	.840, U-K840 U249, B49EA

TYPE KL COMPRESSION SLEEVES, 840 DIE

Catalog No.	End "A" Conductor Range		End "B" Conductor Range	
	AWG	Color Code	AWG	Color Code
KL20-1	6str, 6 str compact	Blue	6 str, 6 str compact	Blue
KL22-1	4 str, 4 str compact	Orange	4 str, 4 str compact	Orange
KL25-1	2 str, 2 str compact	Red	2 str, 2 str compact	Red
KL31-1	1/0 sol Al, 1 str, , 2 str compact	Red	1/0 sol Al, 1 str, 1 str compact	Red
KL36-1	1/0 str, 2/0 str compact	Yellow	1/0 str, 2/0 str compact	Yellow
KL45-1	2/0 str, 3/0 str compact	Gray	1-2 str, 1str compact	Red
KL46-1			0 str, 2/0 str compact	Yellow
KL47-1			2/0 str, 3/0 str compact	Gray
KL54-1	3/0 str, 4/0 str compact	Black	3-4 str, 2 sol	Orange
KL55-1			1-2 str, 1 str compact	Red
KL56-1			1/0 str, 2/0 str compact	Yellow
KL57-1			2/0 str, 3/0 str compact	Gray
KL58-1			3/0 str, 4/0 str compact	Black
KL64-1	4/0 str	Pink	3-4 str, 2 sol	Orange
KL65-1			1-2 str, 1 str compact	Red
KL66-1			1/0 str, 2/0 str compact	Yellow
KL67-1			2/0 str, 3/0 str compact	Gray
KL68-1			3/0 str, 4/0 str compact	Black
KL69-1			4/0 str	Pink

Compression Connectors

Designed for standard aluminum #6 through 500 kcmil, or for #6 sol ≠ 1/0 str. copper

Compressed with standard tools and dies

Contax® Oxide Inhibitor Included as standard in all conductor ports

Fig. 1 Lugs Use with type WS sleeves

Fig. 2–4 Lugs Use with type WL sleeves

The LAC has small “boss” on both sides of lug tang which fit the indent on bus, preventing lug from rotating

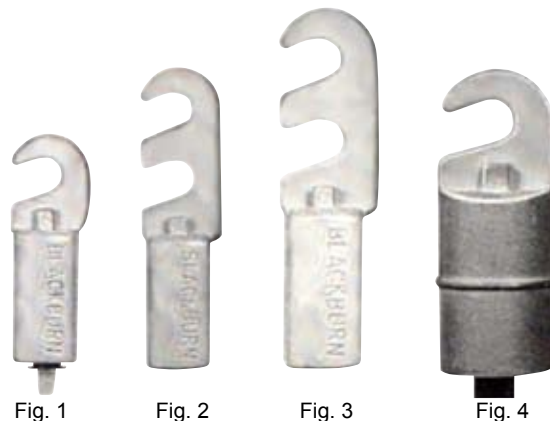
Single-hole lugs can be bolted to two-hole terminals of bus

Slot allows lug to be bolted to bus without removing bus

Qualifications

- RUS Listed

TYPE LAC



Four styles available:

- Fig. 1 – Single hole tang (#6 str. through 350 kcmil)
- Fig. 2 – Two-hole tang (#4 through 4/0 str.)
- Fig. 3 – Large two-hole tang (250 kcmil through 500 kcmil)
- Fig. 4 – For use with TSL or TNL buses only

TYPE LAC SLOTTED TANG COMPRESSION TERMINAL LUGS

Cat. No.	Color Range	Conductor Size			Installation Dies		
		Str.	Sol.	Compressed Compact	Fig. No.	Mech. Tool	Hydr. Tool
LAC6	Blue	6 str	5 sol	6 AWG	1	BY37 840	B49EA U-K840
LAC4	Orange	4 str	3 sol	4 AWG			
LAC3	Purple	3 str	2 sol	–			
LAC2	Red	2 str	1 sol	2 AWG			
LAC1	White	1 str	1/0 sol	1 AWG			
LAC10	Yellow	1/0 str	2/0 sol	1/0 AWG	2	BY37 840	B49EA U-K840
LAC20	Gray	2/0 str	3/0 sol	2/0 AWG			
LAC30	Black	3/0 str	4/0 sol	3/0 AWG			
LAC40	Pink	4/0 str	–	4/0 AWG			
LAC42	Orange	4 str	3 sol	4 AWG			
LAC32	Purple	3 str	2 sol	–			
LAC22	Red	2 str	1 sol	2 AWG			
LAC12	White	1 str	1/0 sol	1 AWG			
LAC120	Yellow	1/0 str	2/0 sol	1/0 AWG			
LAC202	Gray	2/0 str	3/0 sol	2/0 AWG			
LAC302	Black	3/0 str	4/0 sol	3/0 AWG	3	–	B80EA 1.1” 655
LAC402	Pink	4/0 str	–	4/0 AWG			
LAC25	Green	350 kcmil 266.6 kcmil	–	250 kcmil			
LAC35	Brown	300 kcmil 350 kcmil	–	350 kcmil			
LAC50	Aqua	400 kcmil 500 kcmil	–	500 kcmil			
LAC125	Green	250 kcmil 266.8 kcmil	–	250 kcmil	4	–	B80EA 1.1” 655
LAC135	Brown	300 kcmil 350 kcmil	–	350 kcmil			
LAC150	Aqua	400 kcmil 500 kcmil	–	500 kcmil			

Designed for use with aluminum conductor, #6 str. – 4.0; for use with 3/8” hardware

Made of dead-solf EC grade aluminum

Contax® Oxide Inhibitor Included as standard in all conductor ports

Available Tin Plated (add suffix P)

TYPE CAL



CAL ALUMINUM COMPRESSION LUGS

Cat. No.	Color Range	Conductor Size			Installation Dies	
		Str.	Sol.	Compressed Compact	Mech. Tool	Hydr. Tool
CAL6	Blue	6 str	5 sol	6 AWG	BY 37 840	B 49 EA U-K840 249
CAL4	Orange	4 str	3 sol	4 AWG		
CAL3	Orange	3 str	2 sol	–		
CAL2	Red	2 str	1 sol	2 AWG		
CAL1	White	1 str	1/0 sol	1 AWG		
CAL10	Yellow	1/0 str	2/0 sol	1/0 AWG		
CAL20	Gray	2/0 str	3/0 sol	2/0 AWG		
CAL30	Black	3/0 str	4/0 sol	3/0 AWG		
CAL40	Pink	4/0 str	–	4/0 AWG		

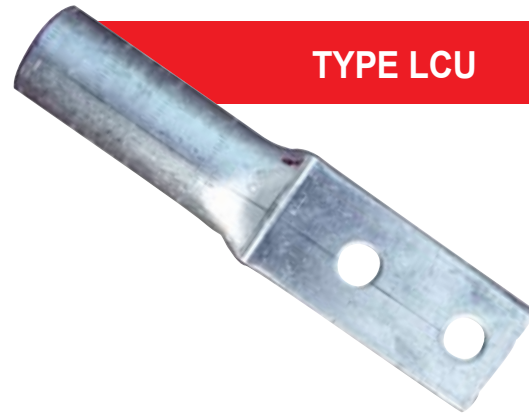
Bolts to SQUID® Buses accepting type LAC lugs; designed for use on copper transformer secondary leads

Size 1/0 str. through 500 kcmil

Tin Plated

Extra Long Barrel Design extends outside sleeve for proper seal

TYPE LCU



LCU COPPER COMPRESSION LUGS

Cat. No.	Cond. Sleeve	Use Sleeve	Length in.	Installation Dies	
				Mech. Tool	Hydr. Tool
LCU102	1/0 str	WL2	4.3	BY23	U25RT
LCU202	2/0 str	WL2	4.3	BY25	U26RT
LCU302	3/0 str	WL2	4.8	BY25	U27RT
LCU402	4/0 str	WL2	4.8	5/8 - 1, BY31	U28RT
LCU2502	250 str	WL2	4.8	BY 27	U29RT
LCU3502	350 str	WL3	4.8	BY37	U31RT
LCU5002	500 str	WL3	4.8	–	U34RT