



# Blackburn®

## Compression Connectors

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**HOMAC®**

**Blackburn®**

## Homac and Blackburn: The last words in completing connections.

The Homac® and Blackburn® brands by Thomas & Betts provide compression connectors for wires ranging from #12 AWG to 2500 kcmil. Choose from a vast array of dual-rated aluminum lugs, copper lugs, aluminum and copper splices and copper tees. No matter your application, Thomas & Betts has everything you need to terminate and splice connections.

### QUICK REFERENCE

#### Compression Connectors

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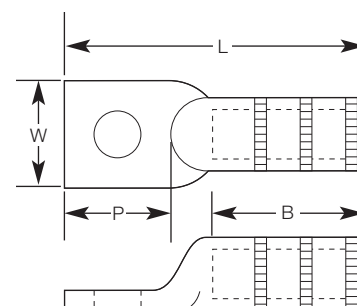
# Aluminum One-Hole NEMA Lugs

General-purpose lugs for aluminum and copper terminations.



AL 500-48

Features	Benefits/Descriptions
Dual-Rated	Use with aluminum and copper conductors.
Made from Aluminum	Provides high strength and high conductivity.
Prefilled with Oxide Inhibitor	Prevents oxidation and keeps out moisture.
All Lugs Marked with Conductor Sizes and Die References	Easy identification.
Standards Compliant	Meet or exceed ANSI C119.4 specifications. All tin-plated lugs are UL Listed.



## Ordering Information for Aluminum One-Hole NEMA Lugs

CAT. NO.	Conductor Range				Bolt Size	Installing Dies	B	L	P	W
	Concentric	Compressed	Compact	ACSR						
AL 6-14	#6	—	—	—	¼	TP, 29, 161, ⅜	⅜	2½	⅜	⅝
AL 4-516	#4	—	—	—	⅝	TB, 37, 375, 162	1⅝	2¼	3⅜	⅝
AL 4-14		—	—	—	¼	TB, 37, 375, 162	1⅝	2¼	3⅜	⅝
AL 2-14	#2	—	—	—	¼	TQ, 45, 348, 163, ½, 6A	5⁹⁄₁₆	2⅝	1⅜	¾
AL 2-38		—	—	—	⅝	TQ, 45, 348, 163, ½, 6A	5⁹⁄₁₆	2⅝	1⅜	¾
AL 1-38	#1	—	—	—	¾	TQ, 45, 348, 163, ½, 6A	5⁹⁄₁₆	2⅝	1⅜	¾
AL 1/0-38	1/0	—	—	—	¾	TU, 52, BG, 243, ¾	1⅝	3⅝	1⅜	⅞
AL 1/0-48		—	—	—	½	TU, 52, BG, 243, ¾	1⅝	3⅝	1⅜	⅞
AL 2/0-38	2/0	—	—	—	¾	TW-TY, 58, 297, ⅝-1	1⅝	3⅝	1⅜	1⅝
AL 2/0-48		—	—	—	½	TW-TY, 58, 297, ⅝-1	1⅝	3⅝	1⅜	1⅝
AL 3/0-38	3/0	—	—	—	¾	737, 467	1⅝	3⅝	1⅜	1⅝
AL 3/0-48		—	—	—	½	737, 467	1⅝	3⅝	1⅜	1⅝
AL 4/0-38	4/0	—	—	—	¾	TX, 71H, 298, 840, 11A	1⅝	3⅝	1⅜	1⅝
AL 4/0-48		—	—	—	½	TX, 71H, 298, 840, 11A	1⅝	3⅝	1⅜	1⅝
AL 250-48	250, 4/0	—	—	4/0	½	TX, 76, 249, 840, 11A	1⅝	3⅝	1⅜	1⅝
AL 300-48	300, 266.8	—	350	266.8 (18/1)	½	TH, 87H, 251, 470, 1, 12A	2⅝	4	1⅜	1⅝
AL 350-48	350, 336.4	—	400	266.8 (26/7), 336.4 (18/1)	½	96, 299, 655, 1⅝-1, 13A	2⅝	4⅝	1⅜	1⅝
AL 400-48	400, 397.5	—	—	336.4 (26/7), 397.5 (18/1)	½	96, 299, 655, 1⅝-1, 13A	2⅝	4⅝	1⅜	1⅝
AL 400-58		—	—	336.4 (26/7), 397.5 (18/1)	¾	96, 299, 655, 1⅝-1, 13A	2⅝	4⅝	1⅜	1⅝
AL 500-48	500, 477	—	600	379.5 (26/7), 477 (18/1)	½	106A, 300, 317, 1⅝, 14A	3	5⅝	1⅜	1⅝
AL 500-58		—	600	379.5 (26/7), 477 (18/1)	¾	106A, 300, 317, 1⅝, 14A	3	5⅝	1⅜	1⅝
AL 600-48	600, 550	—	—	477 (26/7), 556.5 (18/1)	½	1⅝, 115H, 786, 936, 473	3	5⅝	1⅜	1⅝
AL 600-58		—	—	477 (26/7), 556.5 (18/1)	¾	1⅝, 115H, 786, 936, 473	3	5⅝	1⅜	1⅝
AL 750-48	750, 700	—	—	636 (26/7)	½	140H, 301, 342, 1⅝	3⅝	6⅝	1⅜	1⅝
AL 750-58		—	—	636 (26/7)	¾	140H, 301, 342, 1⅝	3⅝	6⅝	1⅜	1⅝
AL 800-48	800	—	—	—	½	1⅝, 474, 140H	3⅝	6⅝	2⅝	1⅝
AL 800-58		—	—	—	¾	1⅝, 474, 140H	3⅝	6⅝	2⅝	1⅝
AL 1000-48	1000, 954	—	—	795 (26/7), 954 (45/7)	½	161, 292, 302, 319, 1⅝	4⅝	7⅝	1⅜	2⅝
AL 1000-58		—	—	795 (26/7), 954 (45/7)	¾	161, 292, 302, 319, 1⅝	4⅝	7⅝	1⅜	2⅝

NOTE: For tin plating, add "TN" suffix to the catalog number. All tin-plated lugs are UL Listed through 1000 kcmil.

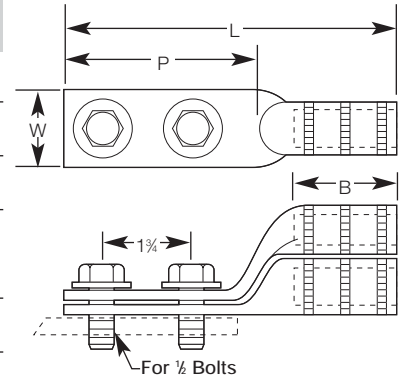
For straight lugs with tapered ends used in high-voltage applications, please consult your Thomas & Betts representative.

# Aluminum Two-Hole NEMA Lugs

General-purpose lugs for aluminum and copper terminations.



Features	Benefits/Descriptions
Dual-Rated	Use with aluminum and copper conductors.
Made from Aluminum	Provides high strength and high conductivity.
Prefilled with Oxide Inhibitor	Prevents oxidation and keeps out moisture.
All Lugs Marked with Conductor Sizes and Die References	Easy identification.
Standards Compliant	Meet or exceed ANSI C119.4 specifications.



## Ordering Information for Aluminum Two-Hole NEMA Lugs

Straight Lug CAT. NO.	Stacking Lug CAT. NO.	Conductor Range				Bolt Size	Installing Dies	B	L	P	W
		Concentric	Compressed	Compact	ACSR						
SA 6 N	ASL 6 N	#6	#6	#6, #4	#6	4	TU, 52, BG, 243, 1/2, CSA 22	1 1/2	5 1/4	3 3/8	1 1/8
SA 4 N	ASL 4 N	#4	#4	—	#4	2	TU, 52, BG, 243, 1/2, CSA 22	1 1/2	5 1/4	3 3/8	1 1/8
SA 2 N	ASL 2 N	#2-#1	#1	#1	#2	1/0	TU, 52, BG, 243, 1/2, CSA 22	1 1/2	5 1/4	3 3/8	1 1/8
AL 1/0 N	ASL 1/0 N	1/0	—	2/0	1/0	2/0	TU, 52, BG, 243, 1/2	1 1/2	5 1/4	3 3/8	1 1/8
AL 2/0 N	ASL 2/0 N	2/0	—	—	—	—	TW-TY, 58, 297, 1/2-1	1 1/2	5 1/4	3 3/8	1 1/8
AL 3/0 N	ASL 3/0 N	3/0	—	—	—	—	TV, 66, 167, 467, 10A	1 1/2	5 1/4	3 3/8	1 1/8
AL 4/0 N	ASL 4/0 N	4/0	—	—	—	—	TX, 71H, 298, 840, 11A	1 1/2	6	3 1/2	1 1/4
AL 250 N	ASL 250 N	250, 4/0	—	250-300	4/0 (6/1)	—	TX, 76, 249, 840, 11A	1 1/2	6	3 1/2	1 1/4
AL 300 N	ASL 300 N	300, 266.8	—	350	266.8 (18/1)	—	TH, 87H, 251, 470, 1, 12A	2 1/2	6 1/2	3 3/8	1 1/2
AL 350 N	ASL 350 N	350, 336.4	—	—	266.8 (26/7), 336.4 (18/1)	—	96, 299, 655, 1 1/2-1, 705, 13A	2 1/2	6 1/2	3 1/2	1 1/4
AL 336 NSC	—	397.5-400	—	—	336.4 (26/7), 397.5 (18/1)	—	1 1/4, 99H, 317, 20AH	4 1/2	9	3 1/2	1 1/2
AL 400 N	ASL 400 N	400, 397.5	—	—	336.4 (26/7), 397.5 (18/1)	—	96, 472, 655, 1 1/2-1, 1 1/2-2, 705, 316 13A	2 1/2	7 1/2	3 3/8	1 1/4
AL 500 N	ASL 500 N	500, 477	—	500-600	397.5 (26/7), 477 (18/1)	—	106A, 300, 317, 1 1/2, 14A, 15A	2 1/2	8 1/4	3 3/8	1 1/4
AL 500 N 608	—	500, 477	—	600	397.5 (26/7), 477 (18/1)	—	608	3 1/2	8 1/4	3 3/8	1 1/4
AL 600 N	ASL 600 N	600, 550	—	—	477 (26/7), 556.5 (18/1)	—	1 1/2, 115H, 786, 936, 473	2 1/2	7 1/4	3 3/8	1 1/4*
AL 700 N 608	—	700, 600	—	700-795	—	—	125H, 608	3 1/2	7 3/4	3 1/2	1 1/4
AL 750 N	ASL 750 N	750, 700	—	—	636 (26/7)	—	140H, 301, 342, 1 1/2	3 1/2	8 1/4	3 3/8	1 1/4*
AL 750 N 608	ASL 750 N 608	750, 700	—	—	636 (26/7)	—	125H, 608	3 1/2	8 1/4	3 3/8	1 1/4
AL 800 N	ASL 800 N	800, 795	—	—	663 (30/19), 715.5 (54/7)	—	140H, 474, 342, 724, 1 1/2	3 1/2	8 3/4	3 3/8	1 1/4*
AL 800 N 608	—	800, 700	—	—	636 (30/19), 715.5 (54/7)	—	608	3 1/2	8 3/4	3 3/8	1 1/4
AL 1000 N	ASL 1000 N	1000, 954	—	—	795 (26/7, 30/19), 954 (45/7)	—	161, 292, 302, 319, 1 1/4	4 1/2	8 3/4	3 3/8	2 1/8
AL 1000 SSN	ASL 1000 SSN	1000	—	—	—	—	161, 292, 302, 319, 1 1/4	4 1/2	9 1/8	1 1/2	2 1/8
AL 1000 NMSNP	—	1000	—	—	—	—	161, 292, 302, 319, 1 1/4	4 1/2	9 1/8	3 3/8	1 1/4
AL 954 NMSNP	—	—	—	—	954 (54/7)	—	161, 292, 302, 319, 1 1/4	4 1/2	9 1/8	3 3/8	1 1/4
AL 1250 N	ASL 1250 N	1200-1300	—	—	1113 (45/7), 1192.5 (45/7)	—	161, 727, 352	4 1/2	9 1/8	3 3/8	2 1/8
AL 1750 N	ASL 1750 N	1750	—	—	—	—	214, 735, 225	5 1/2	10 3/4	3 3/8	3 1/8
AL 2000 N	ASL 2000 N	2000	—	—	—	—	479	6 1/2	11 1/8	3 3/8	3 1/8

\* Trimmed to 1 1/2" maximum to fit side by side on NEMA spades.

NOTE: For tin plating, add "TN" suffix to the catalog number. All tin-plated lugs are UL Listed through 2000 kcmil.

For straight lugs with tapered ends used in high-voltage applications, please consult your Thomas & Betts representative.

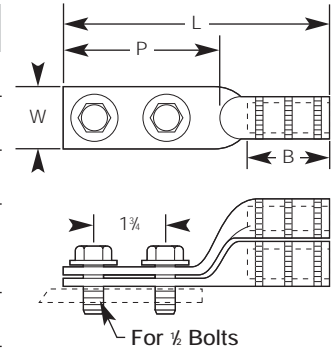


# Aluminum Tin-Plated Two-Hole NEMA Lugs

General-purpose lugs for aluminum and copper terminations.



Features	Benefits/Descriptions
Dual-Rated	Use with aluminum and copper conductors.
Made from Aluminum	Provides high strength and high conductivity.
Prefilled with Oxide Inhibitor	Prevents oxidation and keeps out moisture.
All Lugs Marked with Conductor Sizes and Die References	Easy identification.
Standards Compliant	All lugs meet or exceed ANSI C119.4 specifications.



## Ordering Information for Aluminum Tin-Plated Two-Hole NEMA Lugs

Straight Lug CAT. NO.	Stacking Lug CAT. NO.	Conductor Range			ACSR	Solid	Installing Dies	B	L	P	W
		Concentric	Compressed	Compact							
SA 6 NTN	ASL 6 NTN	#6	#6	#6, #4	#6	#4	TU, 52, BG, 243, 1/2, CSA 22	1 1/2	5 1/2	3 3/8	1 1/2
SA 4 NTN	ASL 4 NTN	#4	#4	—	#4	#2	TU, 52, BG, 243, 1/2, CSA 22	1 1/2	5 1/2	3 3/8	1 1/2
SA 2 NTN	SAL 2 NTN	#2-#1	#1	#1	#2	1/0	TU, 52, BG, 243, 1/2, CSA 22	1 1/2	5 3/8	3 3/4	1
AL 1/0 NTN *	ASL 1/0 NTN*	1/0	—	2/0	1/0	2/0	TU, 52, BG, 243, 1/2	1 1/2	5 1/2	3 3/8	1 1/2
AL 2/0 NTN*	ASL 2/0 NTN*	2/0	—	—	—	—	TW-TY, 58, 297, 1/2-1	1 1/2	5 1/2	3 3/8	1 1/2
AL 3/0 NTN*	ASL 3/0 NTN*	3/0	—	—	—	—	TV, 66, 167, 467, 10A	1 1/2	5 1/2	3 3/8	1 1/2
AL 4/0 NTN*	ASL 4/0 NTN*	4/0	—	—	—	—	TX, 71H, 298, 840, 11A	1 1/2	6	3 1/2	1 1/2
AL 250 NTN*	ASL 250 NTN*	250, 4/0	—	250-300	4/0 (6/1)	—	TX, 76, 249, 840, 11A	1 1/2	6	3 1/2	1 1/2
AL 300 NTN*	ASL 300 NTN*	300, 266.8	—	350	266.8 (18/1)	—	TH, 87H, 251, 470, 1, 12A	2 1/2	6 3/8	3 3/8	1 1/2
AL 350 NTN*	ASL 350 NTN*	350, 336.4	—	—	266.8 (26/7), 336.4 (18/1)	—	96, 299, 655, 1 1/2-1, 705, 13A	2 1/2	6 3/8	3 1/2	1 1/2
AL 336 NSCTN	—	397.5-400	—	—	336.4 (26/7), 397.5 (18/1)	—	1 1/2, 99H, 317, 20AH	4 1/2	9	3 1/2	1 1/2
AL 400 NTN*	ASL 400 NTN*	400, 397.5	—	—	336.4 (26/7), 397.5 (18/1)	—	96, 472, 655, 1 1/2-1, 1 1/2-2, 705, 316, 13A	2 1/2	7 3/8	3 3/8	1 1/2
AL 500 NTN*	ASL 500 NTN*	500, 477	—	500-600	397.5 (26/7), 477 (18/1)	—	106A, 300, 317, 1 1/2, 14A, 15A	2 1/2	8 1/2	3 3/8	1 1/2
AL 500 N 608 TN	—	500, 477	—	600	397.5 (26/7), 477 (18/1)	—	608	3 1/2	8 1/2	3 3/8	1 1/2
AL 600 NTN*	ASL 600 NTN*	600, 550	—	—	477 (26/7), 556.5 (18/1)	—	1 1/2, 115H, 786, 936, 473	2 1/2	7 3/8	3 3/8	1 1/2
AL 700 N 608 TN	—	700, 600	—	700-795	—	—	125H, 608	3 1/2	7 3/8	3 3/8	1 1/2
AL 750 NTN*	ASL 750 NTN*	750, 700	—	—	636 (26/7)	—	140H, 301, 342, 1 1/2	3 3/8	8 1/2	3 3/8	1 1/2
AL 750 N 608*	ASL 750 N 608*	750, 700	—	—	636 (26/7)	—	125H, 608	3 3/8	8 1/2	3 3/8	1 1/2
AL 800 NTN*	ASL 800 NTN*	800, 795	—	—	663 (30/19), 715.5 (54/7)	—	140H, 474, 342, 724, 1 1/2	3 1/2	8 3/8	3 3/8	1 1/2
AL 800 N 608 TN	—	800, 700	—	—	636 (30/19), 715.5 (54/7)	—	608	3 1/2	8 1/2	3 3/8	1 1/2
AL 954 NMS	—	—	—	—	954 (54/7)	—	161, 292, 302, 319, 1 1/2	4 1/2	9 1/2	3 3/8	1 1/2
AL 1000 NTN*	ASL 1000 NTN*	1000, 954	—	—	795 (26/7, 30/19), 954 (45/7)	—	161, 292, 302, 319, 1 1/2	4 1/2	8 3/8	3 3/8	2 1/2
AL 1000 SSNTN	ASL 1000 SSNTN	1000	—	—	—	—	161, 292, 302, 319, 1 1/2	4 1/2	9 1/2	1 1/2	2 1/2
AL 1000 NMS	—	1000	—	—	—	—	161, 292, 302, 319, 1 1/2	4 1/2	9 1/2	3 3/8	1 1/2
AL 1250 NTN	ASL 1250 NTN	1200-1300	—	—	1113 (45/7), 1192.5 (45/7)	—	161, 727, 352	4 1/2	9 1/2	3 3/8	2 1/2
AL 1750 NTN	ASL 1750 NTN	1750	—	—	—	—	214, 735, 225	5 1/2	10 1/2	3 3/8	3 1/2
AL 2000 NTN	ASL 2000 NTN	2000	—	—	—	—	479	6 1/2	11 1/2	3 3/8	3 1/2

\* UL Listed.

NOTE: For two-hole lugs without tin plating, see page 7.

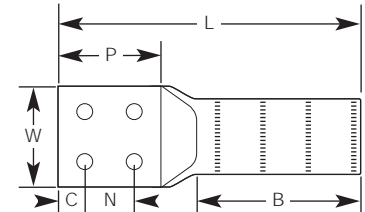
For straight lugs with tapered ends used in high-voltage applications, please consult your Thomas & Betts representative.

# Aluminum Four-Hole NEMA Lugs

General-purpose lugs for aluminum and copper terminations.



Features	Benefits/Descriptions
Dual-Rated	Use with aluminum and copper conductors.
Made from Aluminum	Provides high strength and high conductivity.
Prefilled with Oxide Inhibitor	Prevents oxidation and keeps out moisture.
All Lugs Marked with Conductor Sizes and Die References	Easy identification.



## Ordering Information for Aluminum Four-Hole NEMA Lugs

CAT. NO.	Concentric	ACSR	Installing Dies	B	N	C	W	P	L
AL 1000-4N	1000	—	161, 302, 292, 319, 1¼	4⅞	1¼	⅝	3	4	10
AL 14136 X	1033.5–1300	900–1113	161, 727, 352	7⅜			3	4¼	13¼
AL 1033-4N	—	1033.5 (54/7)	34 AH	6⅜			3⅝	3⅜	12¼
AL 1250-4N	1250	—	161, 727, 352	4⅞			3	3⅞	10
AL 1272-4N	1272	—	161, 727, 352, 579	6⅞			3	3⅞	11¼
AL 1590-4N	1590	1272 (45/7)	728, 38AH, 189	8⅞			3	3⅞	13½
AL 1750-4N	1750	—	214, 735, 40AH, 225	6⅜		⅞	3½	3¾	12⅞
AL 2000-4N	1700–2000	1510.5–1590	214, 735, 40AH, 225	6⅜			3½	3¾	12⅞
AL 2300-4N	2250–2300	2167 (72/7)	44AH	11¼		1⅞	4	4½	18½
AL 2500-4N	2500	2156–2167	214	9⅞			3½	4	15⅞

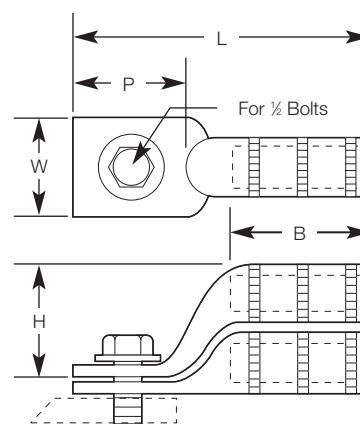
NOTE: For tin-plating option, add "-TN" suffix to the catalog number.

# Aluminum One-Hole NEMA Lugs — Common Die Series

Designed for general applications and for installation on Homac 125 Series insulated buses.



Features	Benefits/Descriptions
Entire Conductor Range Installed by Four Dies	Lessens your die inventory.
Stacking Lugs	Double terminal capacity of transformer spades and buses to save money.
Dual-Rated	Use with aluminum and copper conductors.
Made from Aluminum	Provides high strength and high conductivity.
Prefilled with Oxide Inhibitor	Prevents oxidation and keeps out moisture.
All Lugs Marked with Conductor Sizes and Die References	Easy identification.
Standards Compliant	Meet or exceed ANSI C119.4 specifications.



## Ordering Information for Aluminum One-Hole NEMA Lugs

Straight Lugs CAT. NO.	Stacking Lugs CAT. NO.	Conductors — Al or Cu					Installing Dies	B	H	L	P	W
		Concentric	Compressed	Compact	Solid	ACSR						
SA 12-48	—	#12	—	—	#12	—	TU, 52, BG, 243, 5/8, CSA 22	23/32	—	29/16	1 1/4	7/8
SA 10-48	—	#12	—	—	#12	—		1 5/16		3 3/8	1 5/8	
SA 8-48	—	#8	—	—	#6	—						
SA 6-48	—	#6	#6	#4	#4	#6						
SA 4-48	—	#4	#4	#4	#2	#4						
SA 3-48	—	#2	#2	#1, #2	#1	—						
SA 2-48	SASL 2-48	#1, #2	#1	#1	1/0	#2						
SA 386-48	—	#1	1/0	1/0	—	—						
SA 1/0-48	SASL 1/0-48	1/0	1/0	2/0	—	1/0						
SA 2/0-48	SASL 2/0-48	2/0	2/0	3/0	3/0	2/0 (6/1)	TX, 76, 249, 840, 845, 11A, CSA 24	1 25/64	1 3/8	3 21/64	1 1/2	
SA 3/0-48	SASL 3/0-48	3/0	4/0	4/0	—	3/0						
SA 4/0-48	SASL 4/0-48	4/0, 250	4/0, 250	250, 300	—	4/0						
SA 300-48	—	300	300	350	—	266.8 (18/1)						
SA 350-48	—	336.4–350	350	400	—	266.8 (26/7), 336.4 (18/1)						
SA 400-48	—	336.4–400	400	500	—	336.4 (18/1), 397.5 (18/1)	96, 299, 655, 321, 316, 13A, 1 1/2-1, 472, CSA 28	1 19/32	—	3 3/8	1 1/4	

NOTE: For tin-plating option, add "-TN" suffix to the catalog number.

To order a stud size not specified with a terminal lug on this page, change the last two digits from "48" (designating a 1/2" stud) to "38" (for a 3/8" stud).

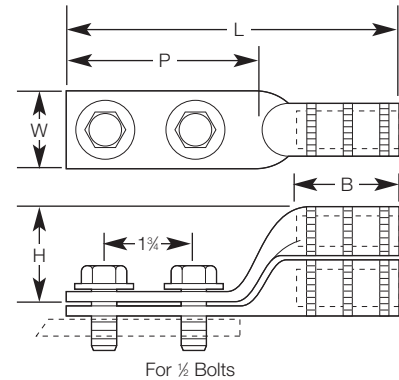


# Aluminum Two-Hole NEMA Lugs — Common Die Series

Designed for general applications and for installation on Homac 125-N Series insulated buses.



Features	Benefits/Descriptions
Entire Conductor Range Installed by Four Dies	Lessens your die inventory.
Stacking Lugs	Double terminal capacity of transformer spades and buses to save money.
Dual-Rated	Use with aluminum and copper conductors.
Made from Aluminum	Provides high strength and high conductivity.
Prefilled with Oxide Inhibitor	Prevents oxidation and keeps out moisture.
All Lugs Marked with Conductor Sizes and Die References	Easy identification.
Standards Compliant	Meet or exceed ANSI C119.4 specifications.



## Ordering Information for Aluminum Two-Hole NEMA Lugs

Straight Lugs CAT. NO.	Stacking Lugs CAT. NO.	Conductors — Al or Cu					Installing Dies	B	H	L	P	W
		Concentric	Compressed	Compact	Solid	ACSR						
SA 8 N	—	#8	—	—	#6	—	TU, 52, BG, 243, ½, CSA 22	1 15/16	—	5 5/8	3 3/8	7/8
SA 6 N	SASL 6 N	#6	#6	#4	#4	#6		1 15/16	1 1/2	5 5/8	3 3/8	7/8
SA 4 N	—	#4	#4	#4	#2	#4		1 15/16	—	5 5/8	3 3/8	7/8
SA 3 N	—	#2	#2	#1, #2	#1	—		1 15/16	—	5 5/8	3 3/8	7/8
SA 2 N	—	#1, #2	#1	#1	1/0	#2		1 1/2	—	5 5/8	3 3/8	1
SA 386 N	—	#1, 1/0	#1, 1/0	1/0	—	#1		1 27/32	—	5 1/2	3	7/8
AL 1/0 N	ASL 1/0 N	1/0	1/0	2/0	2/0	1/0	TX, 76, 249, 840, 845, 11A, CSA 24	1 1/2	1 1/2	5 1/4	3 3/8	7/8
SA 2/0 N	SASL 2/0 N	2/0	2/0	3/0	3/0	2/0 (6/1)		1 15/16	1 3/4	6	3 3/8	1 1/4
SA 3/0 N	SASL 3/0 N	3/0	4/0	4/0	—	3/0		1 15/16	1 3/4	6	3 3/8	1 5/16
SA 4/0 N	SASL 4/0 N	4/0, 250	4/0, 250	250, 300	—	4/0		1 15/16	1 3/4	6	3 3/8	1 5/16
SA 300 N	—	300	300	350	—	266.8 (18/1)	96, 299, 655, 705, 321, 316, 13A, 1 1/8-1, 472, CSA 28	2 1/4	—	6 1/4	3	1 1/4
SA 350 N	—	336.4–350	350	400	—	266.8 (26/7), 336.4 (18/1)		2 3/8	—	6 1/4	3	1 1/4
SA 400 N	—	336.4–400	400	500	—	336.4 (18/1), 397.5 (18/1)		2 3/8	—	6 3/8	3	1 1/4

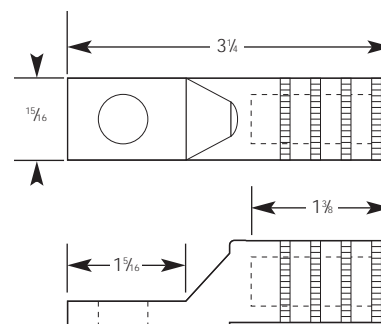
NOTE: For tin-plating option, add “-TN” suffix to the catalog number.

# Aluminum Meter Socket Lugs — 840 Common Die Series

Just one die installs the entire conductor range for meter pan and general applications.



Features	Benefits/Descriptions
All Installation Done with One Die	Really lessens your die inventory.
Made from Aluminum	Provides high strength and high conductivity.
Dual-Rated	Use with aluminum and copper conductors.
Connector Bores Coated with Oxide Inhibitor	Prevents oxidation.
All Lugs Marked with Conductor Sizes and Die References	Easy identification.
Standards Compliant	Lugs meet or exceed ANSI C119.4 specifications.



## Ordering Information for Aluminum Meter Socket Lugs — 840 Common Die Series

½ Bolt CAT. NO.	¾ Bolt CAT. NO.	Conductors — Al or Cu				Installing Dies
		Concentric	Compressed	Compact	Solid	
SAKM 6-48	SAKM 6-38	#6	#6	#6	—	840, 845, TX, 76, 249, 11A
SAKM 4-48	SAKM 4-38	#4	#4	#4	—	
SAKM 2-48	SAKM 2-38	#2	#2	#2 & #1	#1	
SAKM1-48	SAKM 1-38	#1	#1	1/0	1/0	
SAKM 1/0-48	SAKM 1/0-38	1/0	1/0	2/0	2/0	
SAKM 2/0-48	SAKM 2/0-38	2/0	2/0	3/0	3/0	
SAKM 3/0-48	SAKM 3/0-38	3/0	3/0	4/0	—	
SAKM 4/0-48	SAKM 4/0-38	4/0	4/0	250	—	
SAKM 250-48*	SAKM 250-38*	250	250	300	—	
SAKM 300-48*	SAKM 300-38*	300	300	350	—	
SAKM 350-48*	SAKM 350-38*	350	350	—	—	

\* For aluminum conductors only.

NOTE: For tin-plating option, add "-TN" suffix to the catalog number.

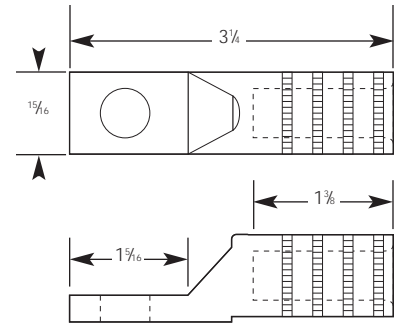
# Aluminum Tin-Plated Meter Socket Lugs — Star Hole

Dual-rated, corrosion-resistant lugs available with star holes.

Features	Benefits/Descriptions
Made from Aluminum	Provides high strength and high conductivity.
Dual-Rated	Use with aluminum and copper conductors.
Tin Plated	Resistant to corrosion.
Prefilled with Oxide Inhibitor	Prevents oxidation and keeps out moisture.



MSL 350



## Ordering Information for Aluminum Tin-Plated Meter Socket Lugs — Star Hole

CAT. NO.	Conductor Size	Installing Dies	W	L	P	B
MSL 4	#4 str. cpt.	840, 845, TX, 76, 249, 11A	1 5/16	3 1/4	1 5/16	1 3/8
MSL 2	#2 str. cpt. sol.					
MSL 1/0	1/0 str. cpt.					
MSL 2/0	2/0 str. cpt.					
MSL 3/0	3/0 str. cpt.					
MSL 4/0	4/0 str. cpt.					
MSL 250	250 str. cpt.					
MSL 300	300 str. cpt.					
MSL 350	350 str. cpt.	106A, 300, 317, 1 5/16, 15A	1 3/4	4 7/8	1 3/4	3 3/16
MSL 500	500 str.					



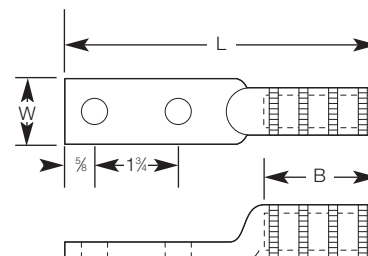
# Aluminum Two-Hole NEMA Lugs — Common Die Series

Lugs designed for general-purpose substation and switchyard equipment use.



SAB 500-N

Features	Benefits/Descriptions
Entire Conductor Range Installed by Three Common Dies	Lessens your die inventory.
Dual-Rated	Use with aluminum and copper conductors.
Made from Aluminum	Provides high strength and high conductivity.
Prefilled with Oxide Inhibitor	Prevents oxidation and keeps out moisture.
All Lugs Marked with Conductor Sizes and Die References	Easy identification.



## Ordering Information for Aluminum Two-Hole NEMA Lugs — Common Die Series

CAT. NO.	Concentric	Compressed	Compact	ACSR	Installing Dies	L	W	B
SAK 4 N	#4	—	—	—	TX, 76, 249, 840, 11A	5%	1¼	2
SAK 2 N	#1, #2	—	—	#2		5%	1¼	2
SAK 1/0 N	1/0	2/0	2/0	1/0		5%	1¼	2
SAK 300 N	—	—	350	—		6%	1¼	2½ <sub>16</sub>
SAK 350 N	350	—	—	—	96, 299, 655, 1½–1, 13A	6%	1¼	2½ <sub>16</sub>
SAB 3/0 N	3/0	—	—	3/0		6%	1½	2¼
SAB 4/0 N	4/0, 250	—	—	4/0		6%	1½	2¼
SAB 250 N	266.8–300	—	—	266.8 (18/1)		6%	1½	2¼
SAB 500 N	477–500	—	600	397.5 (26/7, 30/7), 477 (18/1)	106, 300, 317, 1½ <sub>16</sub> , 14A, 15A	6%	1¼	2¼
SAM 400 N	397.5–400	—	500	336.4 (30/7), 397.5 (18/1)		8%	1¼	3 <sup>13</sup> / <sub>16</sub>
SAM 556 N	500–556	—	—	477 (26/7), 556.5 (18/1)		8%	1¼	3 <sup>27</sup> / <sub>32</sub>
SAM 600 N	600	—	—	—		8%	1¼	3 <sup>27</sup> / <sub>32</sub>

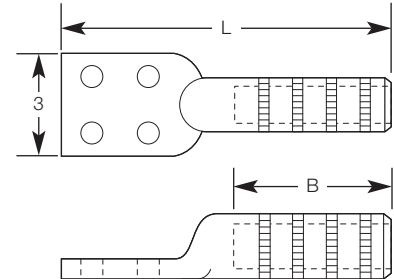
# Aluminum Four-Hole NEMA Lugs — Common Die Series

Durable four-hole lugs for general-purpose substation and switchyard equipment use.



SAM 500-4N

Features	Benefits/Descriptions
Entire Conductor Range Installed by Three Common Dies	Lessens your die inventory.
Dual-Rated	Use with aluminum and copper conductors.
Made from Aluminum	Provides high strength and high conductivity.
Prefilled with Oxide Inhibitor	Prevents oxidation and keeps out moisture.
All Lugs Marked with Conductor Sizes and Die References	Easy identification.



## Ordering Information for Aluminum Four-Hole NEMA Lugs — Common Die Series

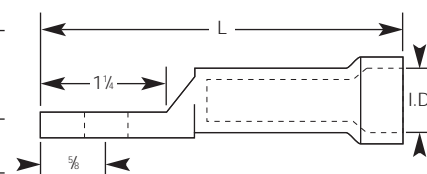
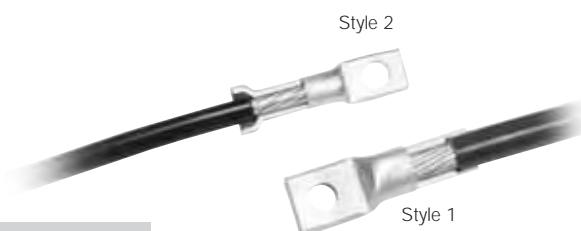
CAT. NO.	Concentric	Compact	ACSR	L	B	Installing Dies
SAM 3/0-4N*	3/0	—	—	8 1/8	3 5/16	1 5/16, 300, 14A, 106, 317
SAM 4/0-4N*	4/0	—	4/0	8 1/8	3 5/16	
SAM 250-4N*	250	—	—	8 1/8	3 5/16	
SAM 300-4N*	300	—	—	7 7/8	3 21/64	
SAM 350-4N*	336.4–350	—	266.8 (26/7), 336.4 (18/1)	7 7/8	3 21/64	
SAM 400-4N*	397.5–400	—	336.4 (30/7), 397.5 (18/1)	7 7/8	3 21/64	
SAM 500-4N*	500	—	—	8 1/4	3 5/16	
SAM 600-4N*	556.5–600	—	—	8 1/4	3 5/16	140H, 301, 342, 1 1/2
SAL 500-4N*	500	—	477 (18/1)	8 1/4	3 5/16	
SAL 600-4N	600	—	477 (24/7, 30/7)	7 7/8	3 5/16	
SAL 650-4N	600, 636, 650	—	556.5 (24/7, 26/7)	7 7/8	3 5/16	
SAL 750-4N	700–750	—	636 (26/7)	9	4 1/32	
SAL 800-4N	700–800	954	636 (26/7)	8 3/4	4 1/32	
SAL 1000-4N	1000	1000	795 (30/19), 874 (54/7)	8 3/4	4 1/32	
SAL 1033-4N	1033	—	900 (54/7), 954 (45/7)	9	4 1/32	

\* Designates 2-piece welded design.

# Aluminum Shrouded One-Hole Lugs — Common Die Series

If you need rain protection, these lugs have you covered.

Features	Benefits/Descriptions
Rainshield Protection for Insulated Cables	Prevents rainwater from entering cable.
Entire Conductor Range Installed with Three Common Dies	Lessens your die inventory.
Made from Aluminum	Provides high strength and high conductivity.
Dual-Rated	Use with aluminum and copper conductors.
Connector Bores Coated with Oxide Inhibitor	Prevents oxidation.
Marked with Conductor Sizes and Die References	Enable easy identification.
Standards Compliant	Meet or exceed ANSI C119.4 specifications.



## Ordering Information for Aluminum Shrouded One-Hole Lugs — Common Die Series

CAT. NO.	Conductor Sizes		Shroud I.D.	Compression Die Size	L	Style
	Concentric	Compact				
% Compression Die Series						
RSG 6-48	#6	—	.400	%, 8A, 243, TU, 52, BG	3%	2
RSG 4-48	#4	#4	.450			
RSG 2-48	#2 & #1	#1	.635		3%	1
RSG 1/0-48	1/0	2/0	.640			
840 Compression Die Series						
RSK 1/0-48	1/0	2/0	.640	840, 11A, 249, 76, TX	3¾	2
RSK 2/0-48	2/0	3/0	.750			
RSK 3/0-48	3/0	4/0	.750			
RSK 4/0-48	4/0	4/0	.750			
RSK 250-48	4/0–250	350	.812		4⅞	1
RSK 350-48	350	—	.927			
1½ Compression Die Series						
RSB 300-48	300	300	.927	1½-1, 12A, 96, 299, 655	4½	2
RSB 350-48	350	300	.927			

NOTE: For tin-plating option, add "-TN" suffix to the catalog number.

To order a terminal lug for a 3/8" stud, change a catalog number's "-48" suffix (designating a 1/2" stud) to a "-38" suffix.

To order with hardware as kits, add "-TMH" suffix to the catalog number.

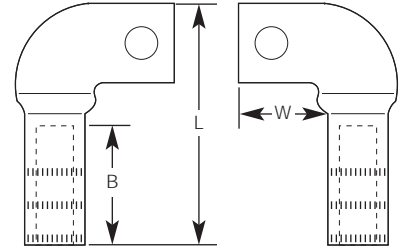


# Aluminum Tin-Plated One-Hole Lugs

For application in meter pans and in other metal-enclosed gear to enable easier wiring where clearances are minimal.



Features	Benefits/Descriptions
Made from Aluminum	Assures high strength and high conductivity.
Tin Plated	Provides resistance against corrosion.
Dual-Rated	Use with aluminum and copper conductors.
Connector Bores Coated with Oxide Inhibitor	Prevents oxidation.
All Lugs Marked with Conductor Sizes and Die References	Easy identification.
Standards Compliant	Meet or exceed ANSI C119.4 specifications.



## Ordering Information for Aluminum Tin-Plated One-Hole Lugs

Left-Hand Lug CAT. NO.	Right-Hand Lug CAT. NO.	Conductor Size			Installing Dies	B	L	W
		Concentric	Compressed	Compact				
AL 1/0-48 LTN	AL 1/0-48 RTN	1/0	1/0	2/0	5/8, BG, TU	1 3/8	2 1/8	1 3/8
AL 2/0-48 LTN	AL 2/0-48 RTN	2/0	2/0	—	1 1/8, 297, TW-TY	1 3/8	2 1/8	1 3/8
AL 3/0-48 LTN	AL 3/0-48 RTN	3/0	3/0	—	737, 467	1 3/8	3 3/4	1 3/8
AL 4/0-48 LTN	AL 4/0-48 RTN	4/0	4/0	—	840, 298, TX	1 1/2	4	1 3/4
AL 250-48 LTN	AL 250-48 RTN	250	250	300	840, 324, TX	1 5/8	4 1/8	1 3/4
AL 300-48 LTN	AL 300-48 RTN	300	300	350	1, 470, TH	1 5/8	4 3/8	1 1/2
AL 350-48 LTN	AL 350-48 RTN	350	350	350	1 1/8-1, 299, 96	1 5/8	4 3/8	1 1/2
AL 400-48 LTN	AL 400-48 RTN	400	400	400	1 1/8, 472, 96	2 1/2	5 3/4	1 1/2
AL 500-48 LTN	AL 500-48 RTN	500	500	500	1 5/8, 300, 106A	2 1/2	5 3/4	1 1/2
AL 750-48 LTN	AL 750-48 RTN	700-750	800	800	1 1/2, 301, 140H	3 1/4	6 3/8	3 1/2

NOTE: For NEMA-drilled lugs, substitute a "-NLTN" suffix for a "-48 xTN" suffix to the catalog number.  
Thus AL 350-48 RTN becomes AL 350-NLTN. NEMA drilling is 2 5/8" holes on 1 3/4" centers.

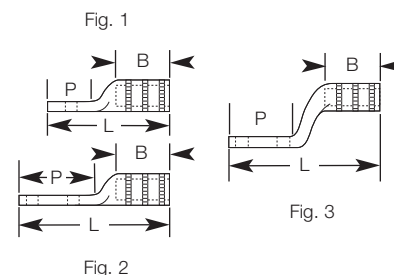
# Aluminum Multi-Range Die-Less Lugs

Save yourself a die job with these multi-range lugs.



AL 4/0 NTN

Features	Benefits/Descriptions
Made from Aluminum	Assures high strength and high conductivity.
Tin Plated	Provides resistance against corrosion.
Dual-Rated	Use with aluminum and copper conductors.
Connector Bores Coated Inhibitor with Oxide	Prevents oxidation.
All Lugs Marked with Conductor Sizes	Enables easy identification.



## Ordering Information for Aluminum Multi-Range Die-Less Lugs

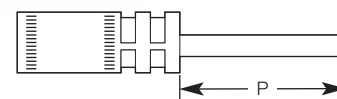
CAT. NO.	Conductor Range Alum. or Copper	Tool	Figure	Bolt Size	B	L	P
AL 1/0-48 TN	#6 str.-1/0 str.	VC 5/VC 6	1	1/2	1 1/8	3 3/8	1 1/8
AL 1/0 NTN	#6 str.-1/0 str.		2		1 1/8	5 1/4	3 1/4
ASL 1/0 NTN	#6 str.-1/0 str.		3		1 1/8	5 1/4	3
AL 4/0-48 TN	#2 str.-4/0 str.		1		1 1/8	3 3/8	1 1/8
AL 4/0 NTN	#2 str.-4/0 str.		2		2	6	3 3/8
ASL 4/0 NTN	#2 str.-4/0 str.		3		2	6	3
AL 300-48 TN	1/0 str.-300	VC 6	1	1/2	2 1/4	4	1 1/8
AL 300 NTN	1/0 str.-300		2		2 1/4	6 3/8	3 3/8
AASL 300 NTN	1/0 str.-300		3		2 1/4	6 3/8	3
SAB 500-48 TN	4/0 str.-500		1		2 1/2	4 3/8	1 1/2
SAB 500 NTN	4/0 str.-500		2		2 1/4	6 3/8	3 3/8
AASL 500 NTN	4/0 str.-500		3		2 1/2	6 3/8	2 1/2
AL 750 N 608 TN	4/0 str.-750	VC 8	2		3 3/4	8 1/4	3 3/8

NOTE: To order a stud size not specified here with a terminal lug, substitute a "-58" suffix (designating a 5/8" stud) for a "-48" suffix (designating a 1/2" stud) to the catalog number.

## Aluminum Pin Terminals

The pins you need for hassle-free terminations.

Features	Benefits/Descriptions
Made from Pure Electrolytic Aluminum and Soft-Drawn, Tinned, Solid Copper Wire	The high strength and conductivity of aluminum and the flexibility of copper.
Offer Bi-Metallic Transitions from All Aluminum, ACSR and Aluminum-Alloy Conductors to Copper Clamp-Type Equipment Bushings	No compatibility problems with connections.



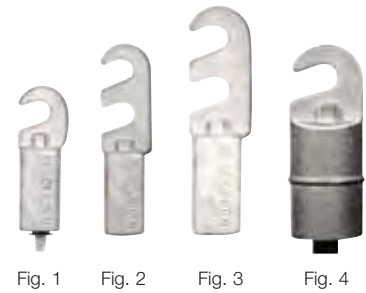
## Ordering Information for Aluminum Pin Terminals

CAT. NO.	Conductor Size	Decimal Range		Tool	Cu Pin	P
		Min. O.D.	Max. O.D.			
PTA 1/0	#10 sol.-1/0 ACSR	.102	.398	VC 5/6	#2	6
PTA 4/0	#4 sol.-4/0 ACSR	.204	.563	VC 5/6	2/0	
PTA 350	2/0 str.-336.4 (18/1) ACSR	.414	.684	VC 6	4/0	

NOTE: For tin-plating option, add "-TN" suffix to the catalog number.  
For other pin lengths, please contact your Thomas & Betts representative.

# Blackburn® Slotted-Tang Compression Terminal Lugs

Compress these lugs  
with standard tools and dies.



Features	Benefits/Descriptions
Dual-Rated	Use with a wide range of aluminum and copper conductors.
Prefilled with Oxide Inhibitor	Prevents oxidation and keeps out moisture.
Small Boss on Both Sides of Lug Tang	Boss fits the indent on the bus, preventing the lug from rotating.
Slot Enables Lug to be Bolted to the Bus	The bus doesn't have to be removed.
Standards Compliant	RUS Listed.

## Ordering Information for Blackburn® Slotted-Tang Compression Terminal Lugs

CAT. NO.	Color Code	Conductor Size			Fig. No.	Installation Dies	
		Concentric	Compressed Compact	Sol.		Mech. Tool	Hydr. Tool
LAC6	Blue	#6 str.	#6	#5 sol.	1	BY37, 840	B49EA, U-K840
LAC4	Orange	#4 str.	#4	#3 sol.			
LAC3	Purple	#3 str.	—	#2 sol.			
LAC2	Red	#2 str.	#2	#1 sol.			
LAC1	White	#1 str.	#1	1/0 sol.			
LAC10	Yellow	1/0 str.	1/0	2/0 sol.	2	BY37, 840U	B49EA, K840
LAC20	Gray	2/0 str.	2/0	3/0 sol.			
LAC30	Black	3/0 str.	3/0	4/0 sol.			
LAC40	Pink	4/0 str.	4/0	—			
LAC42	Orange	#4 str.	#4	#3 sol.			
LAC32	Purple	#3 str.	—	#2 sol.			
LAC22	Red	#2 str.	#2	#1 sol.			
LAC12	White	#1 str.	#1	1/0 sol.			
LAC102	Yellow	1/0 str.	1/0	2/0 sol.			
LAC202	Gray	2/0 str.	2/0	3/0 sol.			
LAC302	Black	3/0 str.	3/0	4/0 sol.	3	—	B80EA, 1.1, 655
LAC402	Pink	4/0 str.	4/0	—			
LAC25	Green	350, 266.6	250	—			
LAC35	Brown	300, 350	350	—			
LAC50	Aqua	400, 500	500	—			
LAC125	Green	250, 266.8	250	—	4		
LAC135	Brown	300, 350	350	—			
LAC150	Aqua	400, 500	500	—			

## Bi-Metallic Lugs

Corrosion-resistant one- and two-hole lugs for ACSR and aluminum conductors.



Features	Benefits/Descriptions
Aluminum Barrel	Provides high strength.
Tin-Plated Copper Pad	Provides high conductivity and corrosion resistance.
Prefilled with Oxide Inhibitor	Prevents oxidation and keeps out moisture.

### Ordering Information for CPL Series — One-Hole

CAT. NO.	Conductor Size		Bolt Size
	ACSR	AL	
CPL 4-48	#4	#4	½
CPL 2-48	#2	#2	
CPL 1/0-48	1/0	1/0	
CPL 4/0-48	4/0	4/0	

### Ordering Information for CPL-N Series — Two-Hole

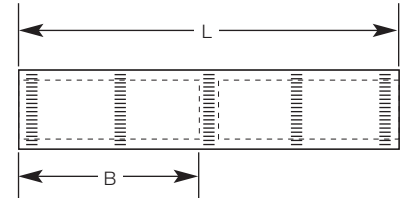
CAT. NO.	Conductor Size		Bolt Size
	ACSR	AL	
CPL 4 N	#4	#4	½
CPL 2 N	#2	#2	
CPL 1/0 N	1/0	1/0	
CPL 2/0 N	2/0	2/0	
CPL 3/0 N	3/0	3/0	
CPL 4/0 N	4/0	4/0-250	
CPL 300 N	266.8	266.8-300	
CPL 350 N	336.4	336.4-350	
CPL 477 N	397.5	396.5-477	
CPL 556 N	477	500-556.5	
CPL 600 N	556.5	600	
CPL 800 N	605-666.6	715.5-800	
CPL 1000 N	715.5-874.5	874.5-1000	
CPL 1113 N	900-1113	1033.5-1113	
CPL 2000 N	1780-1900	2000	

# Aluminum Tin-Plated Straight Splices

For general applications.



Features	Benefits/Descriptions
Made from Aluminum	Provides high strength and high conductivity.
Solid Center Stop	Assures proper cable insertion.
Dual-Rated	Use with aluminum and copper conductors.
Prefilled with Oxide Inhibitor	Prevents oxidation and keeps out moisture.
All Splices Marked with Conductor Sizes and Die References	Easy identification.
Standards Compliant	Meet or exceed ANSI C119.4 specifications. Splices with tin plating are UL Listed through 1000 kcmil.



## Ordering Information for Aluminum Tin-Plated Straight Splices

CAT. NO.	Concentric	Compact	ACSR	L	B	Installing Dies
ASC 6	#6	—	—	1 $\frac{1}{8}$	$\frac{3}{4}$	TP, 29, 161, $\frac{5}{16}$
ASC 4	#4	—	—	2	1	TB, 37, 375, 162
ASC 2	#2	—	—	2	1 $\frac{5}{16}$	TQ, 45, 348, 163, $\frac{1}{2}$ , 6A
ASC 1	#1	—	—	2	1 $\frac{5}{16}$	TQ, 45, 348, 163, $\frac{1}{2}$
ASC 1/0	1/0	—	—	2 $\frac{1}{4}$	3 $\frac{1}{32}$	TU, 52, BG, 243, $\frac{5}{8}$
ASC 2/0	2/0	—	—	2 $\frac{5}{8}$	1 $\frac{1}{32}$	TW-TY, 58, 297, $\frac{5}{8}$ -1
ASC 3/0	3/0	—	—	2 $\frac{5}{8}$	1 $\frac{1}{4}$	TV, 66, 167, 467, 10A
ASC 4/0	4/0	—	—	2 $\frac{5}{8}$	1 $\frac{5}{16}$	TX, 71H, 298, 840, 11A
ASC 250	4/0-250	300	4/0	2 $\frac{5}{8}$	1 $\frac{1}{8}$	TX, 76, 249, 840, 11A
ASC 300	266.8-300	350	266.8 (18/1)	3 $\frac{1}{8}$	1 $\frac{1}{8}$	TH, 87H, 251, 470, 1, 12A
ASC 350	336.4-350	400	266.8 (26/7), 336.4 (18/1)	3 $\frac{1}{8}$	1 $\frac{39}{64}$	96, 299, 655, 1 $\frac{1}{8}$ -1, 13A
ASC 400	397.5-400	—	336.4 (26/7), 397.5 (18/1)	3 $\frac{1}{8}$	1 $\frac{1}{4}$	96, 472, 655, 1 $\frac{1}{8}$ -1, 13A
ASC 500	477-500	600	397.5 (26/7), 477 (18/1)	3 $\frac{1}{8}$	1 $\frac{27}{32}$	106A, 300, 317, 1 $\frac{1}{8}$ , 14A
ASC 600	550-600	—	477 (26/7), 556.5 (18/1)	4 $\frac{1}{8}$	1 $\frac{15}{16}$	1 $\frac{1}{8}$ , 115H, 786, 936, 473
ASC 750	700-750	—	636 (26/7)	4 $\frac{1}{8}$	2 $\frac{1}{32}$	140H, 301, 342, 1 $\frac{1}{2}$
ASC 750-608*	700-750	—	636 (26/7)	4 $\frac{1}{8}$	2 $\frac{1}{32}$	125H, 608, 786, 1 $\frac{1}{2}$ , 936
ASC 800	800	—	—	4 $\frac{1}{4}$	2 $\frac{1}{4}$	140H, 342, 474, 1 $\frac{1}{2}$
ASC 1000	954-1000	—	795 (26/7), 954 (45/7)	5 $\frac{1}{4}$	2 $\frac{3}{4}$	161, 292, 302, 319, 1 $\frac{1}{4}$
ASC 1250	1250	—	—	8	3 $\frac{1}{16}$	161, 727, 352, 1 $\frac{1}{4}$
ASC 1500	1500	—	—	6 $\frac{1}{2}$	3 $\frac{3}{8}$	189, 478, 728

\* Not UL Listed.

NOTE: For splices with tin plating, add "-TN" suffix to the catalog number.  
Splices with tin plating are UL Listed through 1000 kcmil.

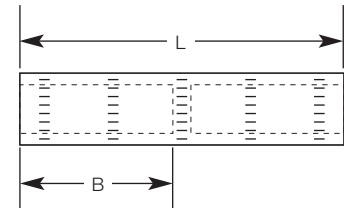


# Aluminum Straight Splices

Splices for general applications.



Features	Benefits/Descriptions
Made from Aluminum	Provides high strength and high conductivity.
Solid Center Stop	Ensures proper cable insertion.
Dual-Rated	Use with aluminum and copper conductors.
Connector Bores Coated with Oxide Inhibitor and Capped	Prevents oxidation and keeps out moisture.
All Splices Marked with Conductor Sizes and Die References	Easy identification.
Standards Compliant	Meet or exceed ANSI C119.4 specifications. All tin-plated splices are UL Listed.



## Ordering Information for Aluminum Straight Splices

CAT. NO.	Concentric	Compact	ACSR	L	B	Installing Dies
AC 4	#4	—	—	2¼	1	TB, 37, 375
AC 2	#2		—	3 <sup>15</sup> / <sub>32</sub>	1 <sup>37</sup> / <sub>64</sub>	TQ, 45, 348, 163, ½
AC 1	#1		—	3 <sup>15</sup> / <sub>32</sub>	1 <sup>37</sup> / <sub>64</sub>	TQ, 45, 348, 163, ½
AC 1/0	1/0		—	3 <sup>11</sup> / <sub>16</sub>	1 <sup>13</sup> / <sub>32</sub>	TU, 52, BG, 243, ⅝, 8A
AC 2/0	2/0		—	3 <sup>11</sup> / <sub>16</sub>	1 <sup>13</sup> / <sub>32</sub>	TU, 52, BG, 243, ⅝, 8A
AC 3/0	3/0	250	—	4	1½	TV, 66, 167, 781, 247, 10A
AC 4/0	4/0		—	3¾	1¾	TX, 71H, 298, 840, 660, 11A
AC 250	4/0–250	—	4/0	5¼	2 <sup>5</sup> / <sub>16</sub>	TX, 76, 249, 840, 11A
AC 300	266.8–300		266.8 (18/1)	5¾	2 <sup>11</sup> / <sub>16</sub>	TH, 87H, 251, 840, 470, 12A
AC 350	336.4–350		266.8 (26/7), 336.4 (18/1)	6¾	3¾	96, 299, 655, 1½-1, 13A
AC 400	397.5–400		336.4 (26/7), 397.5 (18/1)	7 <sup>9</sup> / <sub>32</sub>	3½	96, 472, 655, 705, 1½-1, 13A
AC 500	477–500	600	397.5 (26/7, 30/7), 477 (18/1)	7 <sup>19</sup> / <sub>32</sub>	3 <sup>37</sup> / <sub>64</sub>	106A, 300, 317, 1⅝, 14A
AC 600	600	—	477 (26/7), 556.5 (18/1)	7 <sup>27</sup> / <sub>32</sub>	3 <sup>47</sup> / <sub>64</sub>	1⅝, 115H, 786, 936, 473
AC 750	700–750		636 (26/7)	8 <sup>9</sup> / <sub>32</sub>	3 <sup>31</sup> / <sub>32</sub>	140H, 301, 342, 1½
AC 800	750–800		636 (30/19), 715.5 (54/7)	8½	4 <sup>1</sup> / <sub>16</sub>	140H, 474, 342, 724, 1½H, 1½
AC 1000	954–1000		795 (26/7), 954 (45/7)	9 <sup>15</sup> / <sub>16</sub>	4 <sup>7</sup> / <sub>32</sub>	161, 292, 302, 319, 1¾

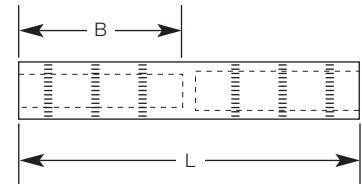
NOTE: For tin-plating option, add "-TN" suffix to the catalog number.

## Aluminum Straight Reducing Splices

Solid center stop ensures proper cable insertion.



Features	Benefits/Descriptions
Made from Aluminum	Provides high strength and high conductivity.
Dual-Rated	Use with aluminum and copper conductors.
Connector Bores Coated with Oxide Inhibitor and Capped	Prevents oxidation.
All Splices Marked with Conductor Sizes and Die References	Easy identification.
Standards Compliant	Meet or exceed ANSI C119.4 specifications.



### Ordering Information for Aluminum Straight Reducing Splices

CAT. NO.	Wire Size		L	B	Installing Dies
	From	To			
AC 2 R 4	#2	#4	4 <sup>9</sup> / <sub>16</sub>	1 <sup>1</sup> / <sub>8</sub>	TQ, 45, 348, 6A, ½
AC 1/0 R 2	1/0	#2	4 <sup>9</sup> / <sub>16</sub>	1 <sup>1</sup> / <sub>8</sub>	8A, BG, TU, ⅝
AC 2/0 R 1	2/0	#1	4 <sup>9</sup> / <sub>16</sub>	1 <sup>1</sup> / <sub>8</sub>	TWTY, 60, 245, 9A, ⅝ 1
AC 3/0 R 1/0	3/0	1/0	5	2	781, TU, 56
AC 4/0 R 2/0	4/0	2/0	5 <sup>1</sup> / <sub>4</sub>	2 <sup>1</sup> / <sub>8</sub>	TX, 71H, 298, 11A, 840
AC 250 R 3/0	250	3/0	5 <sup>1</sup> / <sub>4</sub>	2 <sup>1</sup> / <sub>8</sub>	840, 11A, 249, TX
AC 300 R 4/0	300	4/0	8 <sup>3</sup> / <sub>16</sub>	3 <sup>1</sup> / <sub>32</sub>	96, 299, 1 <sup>1</sup> / <sub>8</sub>
AC 350 R 4/0	350	4/0	8 <sup>3</sup> / <sub>16</sub>	3 <sup>1</sup> / <sub>32</sub>	96, 299, 1 <sup>1</sup> / <sub>8</sub>
AC 400 R 250	400	250	8 <sup>19</sup> / <sub>32</sub>	3 <sup>1</sup> / <sub>16</sub>	96, 472, 1 <sup>1</sup> / <sub>8</sub>
AC 500 R 300	500	300	8 <sup>19</sup> / <sub>32</sub>	3 <sup>1</sup> / <sub>16</sub>	106, 300, 317, 1 <sup>5</sup> / <sub>16</sub>
AC 500 R 350	500	350	8 <sup>1</sup> / <sub>16</sub>	3 <sup>1</sup> / <sub>16</sub>	106, 300, 317, 1 <sup>5</sup> / <sub>16</sub>
AC 500 R 400	500	400	8 <sup>7</sup> / <sub>8</sub>	3 <sup>1</sup> / <sub>16</sub>	106, 300, 317, 1 <sup>5</sup> / <sub>16</sub>
AC 600 R 350	600	350	8 <sup>7</sup> / <sub>8</sub>	3 <sup>1</sup> / <sub>16</sub>	115, 473, 1 <sup>5</sup> / <sub>16</sub>
AC 600 R 500	600	500	9 <sup>1</sup> / <sub>4</sub>	3 <sup>1</sup> / <sub>16</sub>	115, 473, 1 <sup>5</sup> / <sub>16</sub>
AC 750 R 500	750	500	9 <sup>5</sup> / <sub>8</sub>	4 <sup>7</sup> / <sub>32</sub>	140, 301, 1 <sup>1</sup> / <sub>2</sub>
AC 750 R 600	750	600	9 <sup>5</sup> / <sub>8</sub>	4 <sup>7</sup> / <sub>32</sub>	140, 301, 1 <sup>1</sup> / <sub>2</sub>
AC 1000 R 500	1000	500	9 <sup>5</sup> / <sub>8</sub>	4 <sup>5</sup> / <sub>8</sub>	161, 302, 1 <sup>3</sup> / <sub>4</sub>
AC 1000 R 750	1000	750	9 <sup>5</sup> / <sub>8</sub>	4 <sup>5</sup> / <sub>8</sub>	161, 302, 1 <sup>3</sup> / <sub>4</sub>

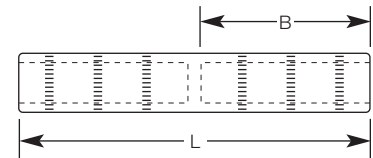
NOTE: For tin-plating option, add "-TN" suffix to the catalog number.

# Aluminum Straight Splices — Common Die Series

Splices designed for general URD applications.



Features	Benefits/Descriptions
Entire Conductor Range Installed with Six Common Dies	Lessens your die inventory.
Made from Aluminum	Provides high strength and high conductivity.
Solid Center Stop	Assures proper cable insertion.
Dual-Rated	Use with aluminum and copper conductors.
Connector Bores Coated with Oxide Inhibitor	Prevents oxidation.
All Splices Marked with Conductor Sizes and Die References	Easy identification.
Standards Compliant	Meet or exceed ANSI C119.4 specifications.



## Ordering Information for Aluminum Straight Splices

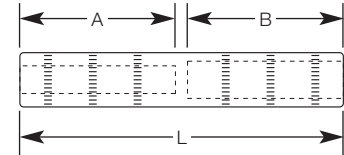
CAT. NO.	Concentric	Compressed	Compact	Solid	B	L	Installing Dies
SAC 4	#4	#4	#4	—	1 $\frac{13}{32}$	3	$\frac{3}{4}$ , 8A, BG, TU, 52
SAC 2	#2	#2	#1, #2	#1	1 $\frac{13}{32}$		CSA 22, $\frac{3}{4}$ , 8A, BG
SAC 1	#1	#1	1/0	1/0	1 $\frac{13}{32}$		CSA 22, $\frac{3}{4}$ , 8A, BG
SAC 1/0	1/0	1/0	2/0	2/0	1 $\frac{13}{32}$		CSA 22, $\frac{3}{4}$ , 8A, BG
SAC 2/0	2/0	2/0	3/0	3/0	1 $\frac{1}{8}$		840, 249, TX, CSA 24
SAC 3/0	3/0	3/0	4/0	—	1 $\frac{1}{8}$	4	840, 249, TX, CSA 24, 845
SAC 4/0	4/0	4/0	4/0, 250	—	1 $\frac{1}{8}$		840, 249, TX, CSA 24, 845
SAC 250	250	250	—	—	1 $\frac{1}{8}$		840, 249, TX, CSA 24, 11A
SAC 300	300	300	—	—	2 $\frac{3}{8}$	5	96, 299, 655, 1 $\frac{1}{2}$ -1, 13A
SAC 350	350	350	—	—	2 $\frac{3}{8}$		96, 299, 655, 321, 1 $\frac{1}{2}$ -1, 13A
SAC 400	400	400	500	—	2 $\frac{3}{8}$	5 $\frac{1}{16}$	106A, 300, 317, 15A
SAC 500	477-500	—	600	—	2 $\frac{3}{8}$		106A, 300, 317, 1 $\frac{1}{2}$ , 15A
SAC 600	600	—	—	—	3 $\frac{3}{8}$	7	1 $\frac{1}{2}$ , 140, 301, 724
SAC 750	700-750	—	—	—	3 $\frac{13}{32}$		140H, 301, 342, 724, 1 $\frac{1}{2}$
SAC 1000	1000	—	—	—	3 $\frac{3}{16}$		1 $\frac{1}{4}$ , 161, 302, 292, 319

# Aluminum Straight Reducing Splices — Common Die Series

Reducers for general URD applications.



Features	Benefits/Descriptions
Install with Six Common Dies	Lessens your die inventory.
Dual-Rated	Use with aluminum and copper conductors.
Bores Coated with Oxide Inhibitor	Prevents oxidation.
Marked with Conductor Sizes and Die References	Easy identification.
Standards Compliant	Meet or exceed ANSI C119.4 specifications.



## Ordering Information for Aluminum Straight Reducing Splices

CAT. NO.	Side A			Side B			A-B	L	Installing Dies
	Concentric/ Compressed	Compact	Solid	Concentric/ Compressed	Compact	Solid			
SAC 4 R 6	#4	#4	—	#6	#6	—	1 <sup>1</sup> / <sub>6</sub>	3	CSA 22, <sup>5</sup> / <sub>8</sub> , BG, 243
SAC 2 R 4	#2	#1, #2	#1	#4	#4	—			
SAC 1 R 2	#1	1/0	1/0	#2	#1, #2	#1			
SAC 1/0 R 4	1/0	2/0	2/0	#4	#4	—			
SAC 1/0 R 2	1/0	2/0	2/0	#2	#1, #2	#1			
SAC 1/0 R 1	1/0	2/0	2/0	#1	1/0	1/0			
SAC 2/0 R 2	2/0	3/0	3/0	#2	#1, #2	#1	1 <sup>1</sup> / <sub>6</sub>	4	840, 249, TX, CSA 24
SAC 2/0 R 1/0	2/0	3/0	3/0	1/0	2/0	2/0			
SAC 3/0 R 1/0	3/0	4/0	—	1/0	2/0	2/0			
SAC 3/0 R 2/0	3/0	4/0	—	2/0	3/0	3/0			
SAC 4/0 R 2	4/0	250	—	#2	#1, #2	#1			
SAC 4/0 R 1/0	4/0	250	—	1/0	2/0	2/0			
SAC 4/0 R 2/0	4/0	250	—	2/0	3/0	3/0	2 <sup>1</sup> / <sub>6</sub>	5	96, 299, 655, 1 <sup>1</sup> / <sub>6</sub> -1, 13A
SAC 250 R 3/0	250	—	—	3/0	4/0	—			
SAC 250 R 4/0	250	—	—	4/0	250	—			
SAC 300 R 250	300	—	—	4/0-250	—	—			
SAC 350 R 2	350	—	—	#2	#1, #2	#1			
SAC 350 R 1/0	350	—	—	1/0	2/0	2/0			
SAC 350 R 2/0	350	—	—	2/0	3/0	3/0	2 <sup>1</sup> / <sub>6</sub>	5 <sup>1</sup> / <sub>6</sub>	1 <sup>1</sup> / <sub>6</sub> , 15A, 300, 106, 317
SAC 350 R 3/0	350	—	—	3/0	4/0	—			
SAC 350 R 4/0	350	—	—	4/0	250	—			
SAC 350 R 250	350	—	—	250	—	—			
SAC 500 R 2	500	—	—	#2	—	—			
SAC 500 R 1/0	500	—	—	1/0	—	—			
SAC 500 R 2/0	500	—	—	2/0	—	—	3	6 <sup>1</sup> / <sub>4</sub>	140H, 301, 342
SAC 500 R 3/0	500	—	—	3/0	—	—			
SAC 500 R 4/0	500	—	—	4/0	250	—			
SAC 500 R 300	500	—	—	300	—	—			
SAC 500 R 350	500	—	—	350	—	—			
SAC 500 R 400	500	—	—	400	—	—			
SAC 750 R 1/0	750	—	—	1/0	—	—	3 <sup>1</sup> / <sub>6</sub>	7	161, 302, 292, 319, 1 <sup>1</sup> / <sub>4</sub>
SAC 750 R 4/0	750	—	—	4/0	250	—			
SAC 750 R 250	750	—	—	250	—	—			
SAC 750 R 350	750	—	—	350	—	—			
SAC 750 R 500	750	—	—	500	—	—			
SAC 1000 R 400	1000	—	—	400	—	—			
SAC 1000 R 500	1000	—	—	500	—	—	3 <sup>1</sup> / <sub>6</sub>	7	161, 302, 292, 319, 1 <sup>1</sup> / <sub>4</sub>
SAC 1000 R 750	1000	—	—	750	—	—			

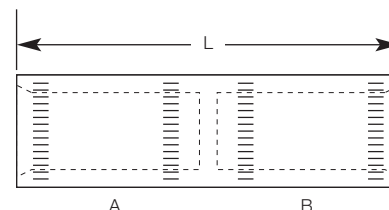
NOTE: For tin-plating option, add "-TN" suffix to the catalog number.

# Aluminum Tin-Plated Straight Splices — 5/8 Common Die Series

Built to resist corrosion and provide high strength and high conductivity.



Features	Benefits/Descriptions
Made from Aluminum	Provides high strength and high conductivity.
Solid Center Stop	Assures accurate wire positioning and forces oxide inhibitor over and through conductor strands.
Most Are Dual-Rated	Use with aluminum and copper conductors.
Tin Plated	Resists corrosion and extends shelf life.
Prefilled with Oxide Inhibitor	Improves contact and seals out moisture after installation.
Color-Coded End Caps	Seal splices from contaminants.
All Splices Marked with Conductor Sizes, Die References and Compression Locations	Easy identification and installation.
Standards Compliant	Meet or exceed ANSI C119.4 specifications.



## Ordering Information for Aluminum Tin-Plated Straight Splices

CAT. NO.	Wire Size		Conductor		Installing Dies	L
	A	B	A	B		
SG 88	#8	#8	AL-CU	AL-CU	5/8, 8A, BG, TU, 243	2
SG 68	#6	#8	AL-CU	AL-CU		
SG 66	#6	#6	AL-CU	AL-CU		
SG 48	#4	#8	AL-CU	AL-CU		
SG 46	#4	#6	AL-CU	AL-CU		
SG 44	#4	#4	AL-CU	AL-CU		
SG 26	#2	#6	AL-CU	AL-CU		
SG 24	#2	#4	AL-CU	AL-CU		
SG 22	#2	#2	AL-CU	AL-CU		
SG 11	#1	#1	AL-CU	AL-CU		
SG 106	1/0	#6	AL-CU	AL-CU		
SG 104	1/0	#4	AL-CU	AL-CU		
SG 102	1/0	#2	AL-CU	AL-CU		
SG 1010	1/0	1/0	AL-CU	AL-CU		
SG 206	2/0	#6	AL	AL-CU		2 1/2
SG 204	2/0	#4	AL	AL-CU		
SG 202	2/0	#2	AL	AL-CU		
SG 2010	2/0	1/0	AL	AL-CU		
SG 2020	2/0	2/0	AL	AL		

NOTE: For watertight protection, see the FSS 20 Flood-Seal® insulating splice cover on page 60.

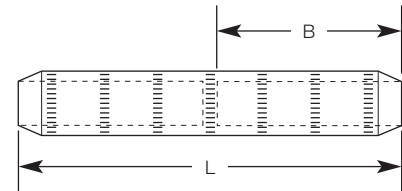


# Aluminum Tapered Splices

Tapered ends enable use in high-voltage applications up to 69kV.



Features	Benefits/Descriptions
Solid Center Stop	Assures proper cable insertion.
Dual-Rated	Use with aluminum and copper conductors.
Connector Bores Coated with Oxide Inhibitor	Prevents oxidation.
All Splices Marked with Die References	Easy identification.
Standards Compliant	Meet or exceed ANSI C119.4 specifications.



## Ordering Information for Aluminum Tapered Splices

CAT. NO.	Concentric	L	B	Installing Dies
ATC 3	#3	2 <sup>23</sup> / <sub>32</sub>	1 <sup>1</sup> / <sub>32</sub>	1/2, TQ, 6A, 163
ATC 2	#2	2 <sup>23</sup> / <sub>32</sub>	1 <sup>1</sup> / <sub>32</sub>	1/2, TQ, 6A, 163
ATC 1	#1	3	1 <sup>13</sup> / <sub>32</sub>	TU, 52, BG, 243, 5/8, 8A
ATC 1/0	1/0	3	1 <sup>13</sup> / <sub>32</sub>	5/8, TU, BG, 296
ATC 2/0	2/0	3 <sup>1</sup> / <sub>16</sub>	1 <sup>1</sup> / <sub>8</sub>	TW-TY, 58, 297, 5/8-1
ATC 3/0	3/0	3	1 <sup>1</sup> / <sub>8</sub>	TV, 66, 247
ATC 4/0	4/0	3 <sup>23</sup> / <sub>32</sub>	1 <sup>23</sup> / <sub>32</sub>	TX, 71H, 298, 840
ATC 250	250	3 <sup>21</sup> / <sub>32</sub>	1 <sup>49</sup> / <sub>64</sub>	TX, 76, 249, 840, 11A
ATC 300	300	4 <sup>1</sup> / <sub>16</sub>	2 <sup>1</sup> / <sub>32</sub>	1, TH, 87H, 470, 251, 12A
ATC 350	350	5	2 <sup>21</sup> / <sub>64</sub>	96, 472, 655, 1 <sup>1</sup> / <sub>8</sub> -1, 13A
ATC 400	400	5 <sup>7</sup> / <sub>32</sub>	2 <sup>25</sup> / <sub>64</sub>	96, 472, 655, 705, 1 <sup>1</sup> / <sub>8</sub> -1, 13A
ATC 500	500	5 <sup>1</sup> / <sub>2</sub>	2 <sup>19</sup> / <sub>32</sub>	1 <sup>1</sup> / <sub>8</sub> , 106A, 300, 317, 15A
ATC 600	600	5 <sup>29</sup> / <sub>32</sub>	2 <sup>13</sup> / <sub>16</sub>	115H, 786, 936, 1 <sup>1</sup> / <sub>8</sub>
ATC 750	700-750	6 <sup>83</sup> / <sub>64</sub>	3 <sup>3</sup> / <sub>8</sub>	140H, 301, 342, 1 <sup>1</sup> / <sub>2</sub>
ATC 800	795-800	7 <sup>1</sup> / <sub>16</sub>	3 <sup>15</sup> / <sub>32</sub>	140, 1 <sup>1</sup> / <sub>2</sub> , 1 <sup>1</sup> / <sub>8</sub>
ATC 1000	1000	8 <sup>27</sup> / <sub>32</sub>	4 <sup>1</sup> / <sub>64</sub>	161, 302, 292, 319, 1 <sup>1</sup> / <sub>8</sub>
ATC 1250	1250	9 <sup>3</sup> / <sub>4</sub>	4 <sup>11</sup> / <sub>16</sub>	161, 352, 579, 30AH
ATC 1500	1500	9 <sup>3</sup> / <sub>4</sub>	4 <sup>11</sup> / <sub>16</sub>	189R, 478, L46ART
ATC 1750	1750	11 <sup>1</sup> / <sub>2</sub>	5 <sup>5</sup> / <sub>32</sub>	189, 728, 38AH
ATC 2000	2000	14	6 <sup>13</sup> / <sub>16</sub>	189, 478, 728

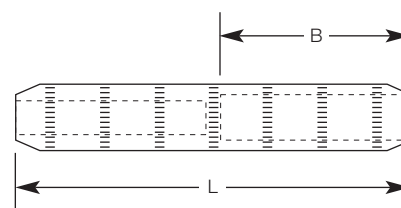
NOTE: For tin-plating option, add "-TN" suffix to the catalog number.

# Aluminum Tapered Reducing Splices

Tapered ends enable use in high-voltage applications up to 69kV.



Features	Benefits/Descriptions
Solid Center Stop	Assures proper cable insertion, prevents moisture migration.
Dual-Rated	Use with aluminum and copper conductors.
Connector Bores Are Coated with Oxide Inhibitor	Prevents oxidation.
All Splices Marked with Conductor Sizes and Die References	Easy identification.
Standards Compliant	Meet or exceed ANSI C119.4 specifications.



## Ordering Information for Aluminum Tapered Reducing Splices

CAT. NO.	Wire Size		L	B	Installing Dies
	From	To			
ATC 2 R 4	#2	#4	2 $\frac{1}{8}$	1 $\frac{1}{8}$	249, 840, TX, 76, 11A
ATC 1/0 R 4	1/0	#4	3	1 $\frac{1}{16}$	
ATC 1/0 R 2	1/0	#2	3	1 $\frac{1}{16}$	
ATC 2/0 R 2	2/0	#2	4	1 $\frac{1}{8}$	
ATC 2/0 R 1/0	2/0	1/0	4	1 $\frac{1}{8}$	
ATC 3/0 R 1/0	3/0	1/0	4	1 $\frac{1}{8}$	
ATC 4/0 R 1/0	4/0	1/0	4	1 $\frac{1}{8}$	
ATC 4/0 R 2/0	4/0	2/0	4	1 $\frac{1}{8}$	
ATC 4/0 R 2	4/0	#2	4	1 $\frac{1}{8}$	
ATC 250 R 3/0	250	3/0	4	1 $\frac{1}{8}$	
ATC 350 R 2	350	#2	4 $\frac{15}{16}$	2 $\frac{3}{8}$	655, 299, 1-18-1, 96, 13A
ATC 350 R 1/0	350	1/0	4 $\frac{15}{16}$	2 $\frac{3}{8}$	
ATC 350 R 2/0	350	2/0	4 $\frac{15}{16}$	2 $\frac{3}{8}$	
ATC 350 R 3/0	350	3/0	4 $\frac{15}{16}$	2 $\frac{3}{8}$	
ATC 350 R 4/0	350	4/0	4 $\frac{15}{16}$	2 $\frac{3}{8}$	
ATC 350 R 250	350	250	4 $\frac{15}{16}$	2 $\frac{3}{8}$	
ATC 500 R 2	500	#2	5 $\frac{5}{8}$	2 $\frac{9}{16}$	300, 317, 1 $\frac{1}{8}$ , 106, 15A
ATC 500 R 1/0	500	1/0	5 $\frac{5}{8}$	2 $\frac{9}{16}$	
ATC 500 R 2/0	500	2/0	5 $\frac{5}{8}$	2 $\frac{9}{16}$	
ATC 500 R 4/0	500	4/0	5 $\frac{5}{8}$	2 $\frac{9}{16}$	
ATC 500 R 250	500	250	5 $\frac{5}{8}$	2 $\frac{9}{16}$	
ATC 500 R 300	500	300	5 $\frac{5}{8}$	2 $\frac{9}{16}$	
ATC 500 R 350	500	350	5 $\frac{5}{8}$	2 $\frac{9}{16}$	
ATC 500 R 350-608	500	350	5 $\frac{5}{8}$	2 $\frac{9}{16}$	125H, 608, 786, 936
ATC 750 R 2	750	#2	9 $\frac{1}{8}$	4 $\frac{1}{8}$	301, 1 $\frac{1}{2}$ , 140, 342
ATC 750 R 1/0	750	1/0	9 $\frac{1}{8}$	4 $\frac{1}{8}$	
ATC 750 R 4/0	750	4/0	9 $\frac{1}{8}$	4 $\frac{1}{8}$	
ATC 750 R 350	750	350	9 $\frac{1}{8}$	4 $\frac{1}{8}$	
ATC 750 R 500	750	500	9 $\frac{1}{8}$	4 $\frac{1}{8}$	
ATC 750 R 500-608	750	500	9 $\frac{1}{8}$	4 $\frac{1}{8}$	125H, 608, 786, 936
ATC 1000 R 500	1000	500	9 $\frac{1}{8}$	4 $\frac{1}{8}$	302, 161, 292, 319, 727
ATC 1000 R 750	1000	750	9 $\frac{1}{8}$	4 $\frac{1}{8}$	
ATC 1250 R 750	1250	750	9 $\frac{1}{8}$	4 $\frac{1}{8}$	

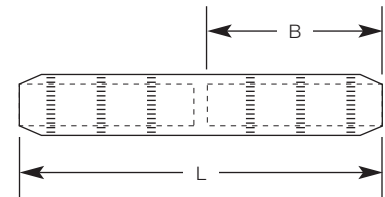
NOTE: For tin-plating option, add "-TN" suffix to the catalog number.

# Aluminum Tapered Splices — Common Die Series

Entire conductor range is installed with six common dies.



Features	Benefits/Descriptions
Solid Center Stop	Assures proper cable insertion, prevents moisture migration.
Dual-Rated	Use with aluminum and copper conductors.
Connector Bores Are Coated with Oxide Inhibitor	Prevents oxidation.
All Splices Marked with Die References	Easy identification.
Standards Compliant	Meet or exceed ANSI C119.4 specifications.



## Ordering Information for Aluminum Tapered Reducing Splices — Common Die Series

CAT. NO.	Wire Size	L	B	Installing Dies
SATC 4	#4	3	1 $\frac{1}{16}$	52, TU, 243, $\frac{5}{8}$ , BG
SATC 2	#2		1 $\frac{1}{16}$	
SATC 1	#1		1 $\frac{1}{16}$	
SATC 1/0	1/0	4	1 $\frac{1}{16}$	TX, 76, 11A, 249, 840
SATC 2/0	2/0		1 $\frac{1}{16}$	
SATC 3/0	3/0		1 $\frac{1}{16}$	
SATC 4/0	4/0	5	1 $\frac{1}{16}$	96, 13A, 1 $\frac{1}{8}$ -1, 299, 321, 655
SATC 250	250		2 $\frac{5}{16}$	
SATC 300	300		2 $\frac{5}{16}$	
SATC 350	350	5 $\frac{1}{2}$	2 $\frac{5}{8}$	96, 472, 655, 1 $\frac{1}{8}$ -1, 13A
SATC 400	400		2 $\frac{5}{8}$	
ATC 500	500		2 $\frac{5}{8}$	
SATC 750	700-750	7	3 $\frac{1}{8}$	140, 301, 342, 1 $\frac{1}{2}$

NOTE: For tin-plating option, add "-TN" suffix to the catalog number.

# Aluminum Tees

For aluminum and copper connections, these dual-rated components suit you to a tee.



AT 350-350

Features	Benefits/Descriptions
Made from Aluminum	Provides high strength and high conductivity.
Dual-Rated	Use with aluminum and copper conductors.
Connector Bores Coated with Oxide Inhibitor	Prevents oxidation.
All Tees Marked with Conductor Sizes and Die References	Easy identification.
Standards Compliant	Meet or exceed ANSI C119.4 specifications.

## Ordering Information for Aluminum Tees

CAT. NO.	Run	Tap	L	T	CAT. NO.	Run	Tap	L	T	
AT 2-4	#2	#4	5½	2½	AT 350-2	350	#2	6%	2½	
AT 2-2		#2			AT 350-1/0		1/0		2½	
AT 1/0-4	1/0	#4			AT 350-3/0		3/0		3	
AT 1/0-2		#2			AT 350-4/0		4/0		3	
AT 1/0-1/0	2/0	1/0	6	3	AT 350-350	500	350	8	3½	
AT 2/0-2		#2			AT 500-1/0		1/0		3	
AT 2/0-1/0		1/0			AT 500-4/0		4/0		3	
AT 2/0-2/0		2/0			AT 500-350		350		3½	
AT 3/0-2	3/0	#2			AT 500-500	750	500	9	3½	
AT 3/0-1/0		1/0			AT 750-1/0		1/0		2½	
AT 3/0-3/0	4/0	3/0			AT 750-4/0		4/0		3	
AT 4/0-2		#2			AT 750-350		350		3½	
AT 4/0-1/0	250	1/0		3½	AT 750-500	1000	500	9½	3½	
AT 4/0-2/0		2/0			AT 750-750		750		3½	
AT 4/0-4/0		4/0			AT 1000-4/0		4/0		3½	
AT 250-2		#2			AT 1000-350		350		3½	
AT 250-1/0	300	1/0	AT 1000-500		500		5½			
AT 250-2/0		2/0	AT 1000-750		750		7½			
AT 250-3/0		3/0	AT 1000-1000		1000		7½			
AT 250-250		250								
AT 300-1/0	300	1/0	6%							
AT 300-2/0		2/0								
AT 300-4/0		4/0								
AT 300-300		300								

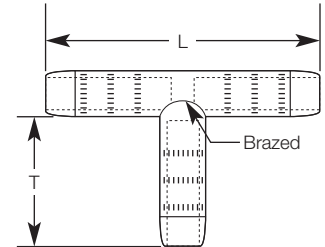
NOTE: For tin-plating option, add "-TN" suffix to the catalog number.  
For other available sizes, please consult your Thomas & Betts representative.

# Aluminum Tapered Tees

Tees available in many run and tap sizes for your high-voltage applications.



Features	Benefits/Descriptions
Made from Aluminum	Provides high strength and high conductivity.
Tapered Ends	Enable use in high-voltage applications up to 69kV.
Dual-Rated	Use with aluminum and copper conductors.
Connector Bores Coated with Oxide Inhibitor	Prevents oxidation.
All Tees Marked with Conductor Sizes and Die References	Easy identification.
Standards Compliant	Meet or exceed ANSI C119.4 specifications.



## Ordering Information for Aluminum Tapered Tees

CAT. NO.	Run	Tap	L	T	CAT. NO.	Run	Tap	L	T
ATT 2-4	#2	#4	4¼	2½	ATT 350-2	350	#2	6½	2½
ATT 2-2		#2		2½	ATT 350-1/0		1/0		2½
ATT 1/0-4	1/0	#4	5½	2½	ATT 350-3/0		3/0		3
ATT 1/0-2		#2		2½	ATT 350-4/0		4/0		3
ATT 1/0-1/0	2/0	1/0	6	2½	ATT 350-350	400	350	7¼	3¼
ATT 2/0-2		#2		2½	ATT 400-1/0		1/0		4
ATT 2/0-1/0		1/0		2½	ATT 400-4/0	500	4/0		4
ATT 2/0-2/0		2/0		2½	ATT 400-400		400		4
ATT 3/0-2	3/0	#2	6¾	3	ATT 500-1/0	750	1/0	8	4
ATT 3/0-1/0		1/0		3	ATT 500-4/0		4/0		3
ATT 3/0-3/0	4/0	3/0		3	ATT 500-350	1000	350		3½
ATT 4/0-2		#2		2½	ATT 500-500		500		5½
ATT 4/0-1/0		1/0		2½	ATT 750-1/0	1500	1/0	9¾	3
ATT 4/0-2/0		2/0		2½	ATT 750-4/0		4/0		3
ATT 4/0-4/0	250	4/0		3	ATT 750-350		350		3½
ATT 250-2		#2		3	ATT 750-500		500		5½
ATT 250-1/0		1/0		3	ATT 750-750		750	9	4
ATT 250-2/0		2/0		3	ATT 1000-4/0	1500	4/0		3½
ATT 250-3/0		3/0		3	ATT 1000-350		350	9¾	3½
ATT 250-250		250		3	ATT 1000-500		500		5½
ATT 300-1/0	300	1/0		3½	ATT 1000-750		750		6
ATT 300-2/0		2/0		3½	ATT 1000-1000		1000		6
ATT 300-4/0		4/0		3½					
ATT 300-300		300		3½					



NOTE: For tin-plating option, add "-TN" suffix to the catalog number.  
For other available sizes, please consult your Thomas & Betts representative.



# Copper Tin-Plated One-Hole Lugs

Tin-plated lugs resist corrosion.



Features	Benefits/Descriptions
Produced from Seamless Electrolytic, High-Conductivity Copper Tubing	Provides high conductivity, minimizes voltage drop.
All Lugs Marked with Conductor Sizes and Die References	Easy identification.
Standards Compliant  	UL Listed and CSA Certified.

## Ordering Information for Copper Tin-Plated One-Hole Lugs

CAT. NO.	Wire Size	Bolt Size	Installing Dies	CAT. NO.	Wire Size	Bolt Size	Installing Dies
L 8-10	#8	10	TC, 21, 171, 236	L 3/0-516	3/0	$\frac{5}{16}$	$\frac{5}{8}$ , 14, TU, 50, 243, BG
L 8-14		$\frac{1}{4}$		L 3/0-38		$\frac{3}{8}$	
L 8-38		$\frac{3}{8}$		L 3/0-48	4/0	$\frac{1}{2}$	
L 8-48		$\frac{1}{2}$		L 4/0-516		$\frac{5}{16}$	
L 6-10	#6	10	7, TE, 24	L 4/0-38	250	$\frac{3}{8}$	15, TW-TY, 54, 243
L 6-14		$\frac{1}{4}$		L 4/0-48		$\frac{1}{2}$	
L 6-516		$\frac{5}{16}$		L 250-38	300	$\frac{3}{8}$	
L 6-38		$\frac{3}{8}$		L 250-48		$\frac{1}{2}$	
L 4-10	#4	10	$\frac{5}{8}$ , 8, TP, 29, 161	L 300-38	350	$\frac{3}{8}$	781, 17, TV, 66
L 4-14		$\frac{1}{4}$		L 300-48		$\frac{1}{2}$	
L 4-516		$\frac{5}{16}$		L 300-58	400	$\frac{5}{8}$	
L 4-38		$\frac{3}{8}$		L 350-38		$\frac{3}{8}$	
L 2-14	#2	$\frac{1}{4}$	$\frac{3}{4}$ , 10, TL-TN, 33, 162	L 350-48	500	$\frac{1}{2}$	840, 18, TX, 71
L 2-516		$\frac{5}{16}$		L 350-58		$\frac{3}{4}$	
L 2-38		$\frac{3}{8}$		L 400-48	600	$\frac{1}{2}$	
L 2-48		$\frac{1}{2}$		L 400-58		$\frac{5}{8}$	
L 1-14	#1	$\frac{1}{4}$	11, TB, 37	L 500-48	750	$\frac{1}{2}$	20, TH, 87, 281
L 1-516		$\frac{5}{16}$		L 500-58		$\frac{5}{8}$	
L 1-38		$\frac{3}{8}$		L 600-48	1000	$\frac{1}{2}$	
L 1-48		$\frac{1}{2}$		L 600-58		$\frac{3}{4}$	
L 1/0-516	1/0	$\frac{5}{16}$	$\frac{1}{2}$ , 12, TQ, 42, 163	L 750-48	1000	$\frac{1}{2}$	1 $\frac{1}{8}$ -1, 96
L 1/0-38		$\frac{3}{8}$		L 750-58		$\frac{5}{8}$	
L 1/0-48		$\frac{1}{2}$		L 750-68		$\frac{3}{4}$	
L 2/0-516	2/0	$\frac{5}{16}$	13, TS, 45, 164, 241	L 1000-48	1000	$\frac{1}{2}$	642, 125
L 2/0-38		$\frac{3}{8}$		L 1000-58		$\frac{5}{8}$	
L 2/0-48		$\frac{1}{2}$		L 1000-68		$\frac{3}{4}$	

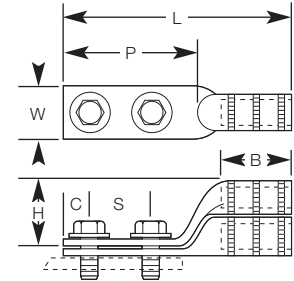
NOTE: For lugs with tapered ends used in high-voltage applications, please consult your Thomas & Betts representative.

# Copper Tin-Plated Two-Hole Straight and Stacking NEMA Lugs

Lugs for general applications.



Features	Benefits/Descriptions
Produced from Seamless Electrolytic, High-Conductivity Copper Tubing	Provides high conductivity, minimizes voltage drop.
Tin Plated	Resists corrosion.
L 2-214, L 2-2516, L 1-214, L 1-2516, L 1/0-238 and L 1/0-2516 Lugs Feature Slotted Rear Bolt Hole	Provides 3/8" and 7/8" bolt hole centers for added versatility. For other available combinations, please consult your Thomas & Betts representative.
Standards Compliant	UL Listed and CSA Certified.



## Ordering Information for Copper Tin-Plated Two-Hole Straight and Stacking NEMA Lugs

Straight Lug CAT. NO.	Stacking Lug CAT. NO.	Wire Size	Bolt Size	Installing Dies	B	C	L	P	S	W	H
L 6-214	—	#6	1/4	7, TE, 24	1 1/8	5/16	2 1/8	1 1/8	5/8	7/16	—
L 6-2516	—		5/16		1 1/8	5/16	2 1/8	1 1/8	5/8	7/16	—
L 6 N	—		1/2		1 1/8	5/8	5	3 1/8	1 1/4	3/4	—
L 4-214	—	#4	1/4	5/16, 8, TP, 29, IC, 1	1 1/8	5/16	2 3/4	1 1/8	5/8	1/2	—
L 4-2516	—		5/16		1 1/8	5/16	2 3/4	1 1/8	5/8	1/2	—
L 4 N	—		1/2		1 1/8	5/8	5	3 1/8	1 1/4	3/4	—
L 2-214	—	#2	1/4	3/8, 10, TL-TN, 33, 162	1 1/4	5/8	3 3/8	1 1/2	5/8	5/8	—
L 2-2516	—		5/16		1 1/4	5/8	3 3/8	1 1/8	3/4 & 7/8	5/8	—
L 2 N	—		1/2		1 1/4	5/8	4 1/2	3	1 1/8	3/4	—
L 1-214	—	#1	1/4	3/8, 11, TB, 37	1 1/8	5/8	3 3/8	1 1/8	5/8	1 1/8	—
L 1-2516	—		5/16		1 1/2	5/8	3 3/8	1 1/8	3/4 & 7/8	1 1/8	—
L 1 N	—		1/2		1 1/2	5/8	4 1/2	3	1 1/4	3/4	—
L 1/0-238	—	1/0	3/8	1/2, 12, TQ, 42, 163	1 1/8	5/8	3 3/8	1 1/8	7/8	3/4	—
L 1/0-2516	—		5/16		1 1/8	5/8	3 3/8	1 1/8	3/4 & 7/8	3/4	—
L 1/0 N	—		1/2		1 7/8	5/8	4 1/2	3	1 1/4	3/4	—
L 2/0-238	—	2/0	3/8	5/16, 13, TS, 45, 164	1 1/2	5/8	5 1/8	3	1 1/4	7/8	—
L 2/0 N	SL 2/0 N		1/2		1 1/2	5/8	5 1/8	3	1 1/4	7/8	1 1/2
L 3/0-238	—		3/8	3/8, 14, TU, 50, BG	1 1/2	5/8	5 1/8	3	1 1/4	1 1/8	—
L 3/0 N	SL 3/0 N	3/0	1/2		1 1/2	5/8	5 1/8	3	1 1/4	1 1/8	1 1/8
L 4/0-238	—	4/0	3/8	3/4-1, 15, TW-TY, 54, 243	1 1/8	5/8	5 1/8	3	1 1/4	1 1/8	—
L 4/0 N	SL 4/0 N		1/2		1 1/8	5/8	5 1/8	3	1 1/4	1 1/8	1 1/8
L 250-238	—		3/8	1 1/8, 16, TR, 60, 116	1 1/8	5/8	5 1/8	3	1 1/4	1 1/8	—
L 250 N	SL 250 N	250	1/2		1 1/8	5/8	5 1/8	3	1 1/4	1 1/8	1 1/8
L 300-238	—	300	3/8	781, 17, TV, 66, 1 1/8	2	5/8	5 1/8	3	1 1/4	1 1/4	—
L 300 N	SL 300 N		1/2		2	5/8	5 1/8	3	1 1/4	1 1/4	1 1/4
L 350-238	—		3/8	840, 18, TX, 71	2	5/8	5 1/8	3	1 1/4	1 1/8	—
L 350 N	SL 350 N	350	1/2		1 1/8	5/8	5 1/8	3	1 1/4	1 1/8	—
L 400-238	—	400	3/8	1 5/8, 19, TX, 76, 840	2 1/8	5/8	6	3 1/8	1 1/4	1 1/8	—
L 400 N	SL 400 N		1/2		2 1/8	5/8	6	3 1/8	1 1/4	1 1/8	2 1/8
L 500 N	SL 500 N	500	1/2		2 1/8	5/8	6 1/8	3 1/8	1 1/4	1 1/8	2 1/8
L 600 N	SL 600 N	600	1/2	1 1/2-1, 22, 96	2 1/8	5/8	6 1/8	3 1/8	1 1/4	1 1/8	2 1/8
L 750 N	SL 750 N	750	1/2	1 1/8, 106, 24	2 13/16	5/8	7	3 1/8	1 1/4	1 1/8	2 1/8
L 1000 NT	SL 1000 NT	1000	1/2	27, 1 1/2, 125	2 15/16	5/8	7 1/4	3 1/8	1 1/4	1 1/8	3
L 1250 N	—	1250	1/2	150, 29, 1 1/8	3	5/8	7 3/8	3 1/8	1 1/4	2 3/8	—
L 1500 N	—	1500	1/2	1 1/4, 31, 150	3 3/8	5/8	7 1/2	3	1 1/4	2 1 1/8	—
L 2000 N	—	2000	1/2	2.00, 34, 175	3 3/8	5/8	8 1/8	3 3/8	1 1/4	3 1/8	—

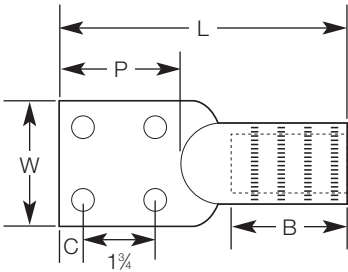
NOTE: The "N" suffix on the catalog number indicates NEMA bolt spacing of 1 1/4".  
For other available sizes, please consult your Thomas & Betts representative.  
L 1250 N, L 1500 N and L 2000 N are not UL Listed or CSA Certified.

# Copper Tin-Plated Four-Hole NEMA Lugs

These four-hole NEMA lugs are great for a standard installation.



Features	Benefits/Descriptions
Tin Plated	Resistance against corrosion.
All Lugs Marked with Conductor Sizes and Die References	Easy identification.



## Ordering Information for Copper Tin-Plated Four-Hole NEMA Lugs

CAT. NO.	Wire Size	Bolt Size	Installing Dies	B	C	L	P	W
L 750 4N	750	1/2	106, 21, 209, 1 5/16	4 3/8	5/8	8 7/8	3 3/16	3
L 1000 4N	1000		786, 1 1/2, 27, 125, 642	4 3/8		9 5/8	3 5/16	3
L 1500 4N	1500		1 1/4, 31, 150, 302	3 3/8		7 1/2	3	2 5/8
L 2000 4N	2000		2.00, 34, 175	3 3/8		8 1/8	3 3/8	3 1/8

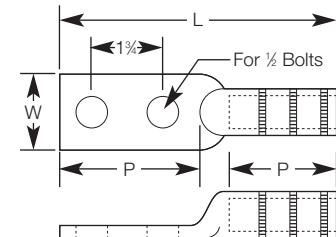
# Copper Heavy-Duty Two-Hole NEMA Lugs

Heavy-wall lugs for grounding  
and other critical applications.

Features	Benefits/Descriptions
Made from Heavy-Wall Electrolytic-Grade Seamless Copper Tubing	Able to handle the most severe heavy-loading applications.
Generous Inside Chamfers	Ease cable insertion.



HDL 1000 N



## Ordering Information for Copper Heavy-Duty Two-Hole NEMA Lugs

CAT. NO.	Wire Size	Installing Dies	B	L	P	W
HDL 2 N	#2	TQ, 42, 163, 1/2	1 1/2	5 1/4	3	1 3/16
HDL 1 N	#1	TS, 45, 241, 1/2	1 1/2	5 1/4	3	1 3/16
HDL 1/0 N	1/0	TU, 50, 165, 5/8	1 1/2	5 1/4	3	1 3/16
HDL 2/0 N	2/0	TZ, 166, 3/4-1	1 3/4	5 1/2	3	1 5/16
HDL 3/0 N	3/0	60, 16, 166, 206	1 7/8	5 5/8	3	1
HDL 4/0 N	4/0	71, 168, 840	1 3/4	5 5/8	3	1 1/8
HDL 250 N	250	80, 169	1 3/4	5 5/8	3	1 1/8
HDL 300 N	300	87, 170, 1	2 1/4	5 13/16	3	1 1/8
HDL 350 N	350	96, 267, 1-1/8-1	2 5/8	6 1/8	3	1 9/16
HDL 500 N	500	112, 210, 1 5/8	2 3/4	6 3/8	3	1 3/4
HDL 750 N	750	138, 627, 1 3/4	3 3/8	7 1/8	3	2 1/8
HDL 1000 N	1000	160, 345, 2	4 5/8	9 5/8	3 5/8	2 5/8

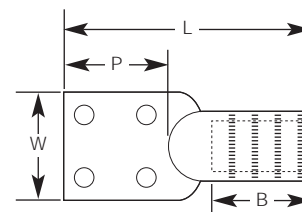
NOTE: For tin-plating option, add "-TN" suffix to the catalog number.  
For oxide-inhibiting compound, please consult your Thomas & Betts representative.

## Copper Heavy-Duty Four-Hole NEMA Lugs

Heavy-wall lugs for grounding and other critical applications.



Features	Benefits/Descriptions
Made from Heavy-Wall Electrolytic-Grade Seamless Copper Tubing	Able to handle the most severe heavy-loading applications.
Generous Inside Chamfers	Ease cable insertion.



### Ordering Information for Copper Heavy-Duty Four-Hole NEMA Lugs

CAT. NO.	Wire Size	Installing Dies	B	L	P	W
HDL 4/0 4N	4/0	71, 168, 840	1 $\frac{1}{4}$	4 $\frac{3}{4}$	3	3
HDL 350 4N	350	96, 267, 1- $\frac{1}{8}$ -1	2 $\frac{5}{16}$	6 $\frac{1}{16}$		
HDL 500 4N	500	112, 210, 1 $\frac{3}{16}$	3 $\frac{1}{8}$	6 $\frac{3}{8}$		
HDL 750 4N	750	138, 627, 1 $\frac{5}{8}$	3 $\frac{3}{8}$	8 $\frac{1}{4}$		
HDL 1000 N	1000	160, 345, 2	4 $\frac{5}{8}$	9 $\frac{5}{8}$		

NOTE: For tin-plating option, add "-TN" suffix to the catalog number.

For oxide-inhibiting compound, please consult your Thomas & Betts representative.

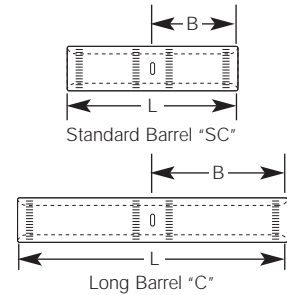


# Copper Tin-Plated Straight Splices

Made from electrolytic seamless copper tubing, these splices can handle your heavy-duty applications.



Features	Benefits/Descriptions
Dimpled Center Stop	Equalizes cable insertion.
Tin Plated	Resists corrosion.
All Splices Marked with Conductor Sizes and Die References	Easy identification.
Standards Compliant	UL Listed and CSA Certified.



## Ordering Information for Copper Tin-Plated Straight Splices

Standard Barrel CAT. NO.	Long Barrel CAT. NO.	Wire Size	Standard Barrel		Long Barrel		Installing Dies
			B	L	B	L	
SC 8	C 8	#8	$\frac{7}{16}$	$1\frac{1}{16}$	$1\frac{1}{16}$	$2\frac{1}{4}$	TC, 21, 236
SC 6	C 6	#6	$\frac{13}{16}$	$1\frac{3}{4}$	$1\frac{1}{8}$	$2\frac{3}{8}$	TE, 24
SC 4	C 4	#4	$\frac{13}{16}$	$1\frac{3}{4}$	$1\frac{1}{8}$	$2\frac{3}{8}$	$\frac{5}{16}$ , 8, 29, 161, TP
SC 2	C 2	#2	$\frac{7}{8}$	$1\frac{7}{8}$	$1\frac{1}{4}$	$2\frac{5}{8}$	$\frac{3}{8}$ , 10, TL-TN, 33, 162
SC 1	C 1	#1	$\frac{7}{8}$	$1\frac{7}{8}$	$1\frac{3}{8}$	$2\frac{1}{2}$	11, TB, 37
SC 1/0	C 1/0	1/0	$\frac{7}{8}$	$1\frac{7}{8}$	$1\frac{3}{8}$	$2\frac{1}{2}$	$\frac{1}{2}$ , 12, TQ, 42, 163
SC 2/0	C 2/0	2/0	$1\frac{5}{16}$	2	$1\frac{1}{2}$	$3\frac{1}{8}$	$\frac{9}{16}$ , 13, TS, 45, 164
SC 3/0	C 3/0	3/0	1	$2\frac{1}{8}$	$1\frac{1}{2}$	$3\frac{1}{8}$	$\frac{5}{8}$ , 14, TU, 50, 243, BG
SC 4/0	C 4/0	4/0	1	$2\frac{1}{8}$	$1\frac{5}{8}$	$3\frac{3}{8}$	$\frac{5}{8}$ -1, 15, TW-TY, 54
SC 250	C 250	250	$1\frac{1}{16}$	$2\frac{1}{4}$	$1\frac{5}{8}$	$3\frac{3}{8}$	$1\frac{1}{16}$ , 16, TR, 60, 166
SC 300	C 300	300	$1\frac{1}{16}$	$2\frac{1}{4}$	2	$4\frac{1}{8}$	17, 66, TV, 781
SC 350	C 350	350	$1\frac{1}{8}$	$2\frac{3}{8}$	2	$4\frac{1}{8}$	840, 18, TX, 71, 168, 208
SC 400	C 400	400	$1\frac{3}{16}$	$2\frac{1}{2}$	$2\frac{1}{8}$	$4\frac{3}{8}$	$1\frac{5}{16}$ , 19, TX, 76, 840
SC 500	C 500	500	$1\frac{3}{8}$	$2\frac{7}{8}$	$2\frac{1}{4}$	$4\frac{5}{8}$	1, 20, TH, 87, 251
SC 600	C 600	600	$1\frac{3}{8}$	$2\frac{7}{8}$	$2\frac{11}{16}$	$5\frac{1}{2}$	$1\frac{1}{8}$ -1, 22, 96
SC 750	C 750	750	$1\frac{5}{8}$	$3\frac{3}{8}$	$2\frac{7}{8}$	$5\frac{7}{8}$	$1\frac{1}{8}$ , 2, 24, 106
SC 1000	C 1000	1000	$1\frac{7}{8}$	$3\frac{3}{8}$	3	$6\frac{1}{8}$	$1\frac{1}{2}$ , 27, 125, 642
SC 1500	C 1500	1500	2	$4\frac{1}{8}$	$3\frac{5}{8}$	$6\frac{1}{2}$	$1\frac{3}{4}$ , 31, 150
SC 2000	C 2000	2000	$2\frac{1}{4}$	$4\frac{5}{8}$	$3\frac{7}{8}$	7	2.00, 34, 175

NOTE: SC 1500, SC 2000, C 1500 and C 2000 are not UL Listed or CSA Certified.

# Copper Tin-Plated Straight Oil-Stop Splices

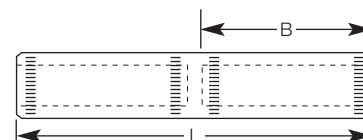
Electrolytic seamless copper tubing provides high conductivity and minimizes voltage drop.



Features	Benefits/Descriptions
Solid Center Stop	Prevents oil seepage.
Tin Plated	Resists corrosion.

## Ordering Information for Copper Tin-Plated Straight Oil-Stop Splices

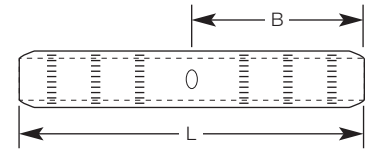
CAT. NO.	Wire Size	Installing Dies	B	L
PC 6	#6	7, TE, 24	1 $\frac{1}{8}$	2 $\frac{3}{8}$
PC 4	#4	$\frac{5}{16}$ , 8, TP, 29, 161	1 $\frac{1}{8}$	2 $\frac{3}{8}$
PC 2	#2	$\frac{3}{8}$ , 10, TL-TN, 162	1 $\frac{1}{4}$	2 $\frac{3}{8}$
PC 1	#1	$\frac{3}{8}$ , 11, TB, 37, 276	1 $\frac{1}{8}$	2 $\frac{3}{8}$
PC 1/0	1/0	$\frac{1}{2}$ , 12, TQ, 42, 163	1 $\frac{1}{8}$	2 $\frac{3}{8}$
PC 2/0	2/0	$\frac{9}{16}$ , 13, TS, 164, 45	1 $\frac{1}{2}$	3 $\frac{1}{8}$
PC 3/0	3/0	$\frac{5}{8}$ , 14, TU, 243, BG 50	1 $\frac{1}{2}$	3 $\frac{1}{8}$
PC 4/0	4/0	54, $\frac{5}{8}$ -1, 15, TW-TY	1 $\frac{5}{8}$	3 $\frac{3}{8}$
PC 250	250	$1\frac{1}{16}$ , 16, TR, 166, 60	1 $\frac{5}{8}$	3 $\frac{3}{8}$
PC 300	300	781, 17, 66, TV	2	4 $\frac{1}{8}$
PC 350	350	71, 840, 18, TX, 168, 208	2	4 $\frac{1}{8}$
PC 400	400	76, $1\frac{1}{8}$ , 19, TX, 840	2 $\frac{1}{8}$	4 $\frac{3}{8}$
PC 500	500	251, 1, 20, TH 87	2 $\frac{1}{4}$	4 $\frac{3}{8}$
PC 600	600	1 $\frac{1}{8}$ -1, 22, 96	2 $\frac{1}{8}$	5 $\frac{1}{2}$
PC 750	750	1 $\frac{1}{8}$ , 24, 106	2 $\frac{1}{8}$	5 $\frac{1}{8}$
PC 1000	1000	1 $\frac{1}{2}$ , 27, 125, 642	3	6 $\frac{1}{8}$



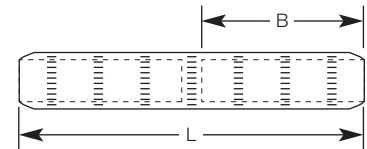
# Copper Tin-Plated Tapered Splices

High-voltage, oil, harsh environments —  
these splices can handle it all.

Features	Benefits/Descriptions
Made from Electrolytic Seamless Copper Tubing	Provides high conductivity, minimizes voltage drop.
Tapered Ends	Enable use in high-voltage installations up to 69kV.
Tin Plated	Resists corrosion and extends shelf life.
TC Series Features a Dimpled Center Stop	Equalizes cable insertions.
PTC Series Features a Solid Center	Prevents oil seepage.



"TC" Dimple Style



"PTC" Solid Center Oil Stop

## Ordering Information for Copper Tin-Plated Tapered Splices

Dimpled Center Stop CAT. NO.	Solid Center Oil Stop CAT. NO.	Wire Size	Installing Dies	B	L
TC 6	PTC 6	#6	7, TE, 24, 5/16	7/8	1 29/32
TC 4	PTC 4	#4	5/16, 8, TP, 29	7/8	1 29/32
TC 2	PTC 2	#2	3/8, 10, TL-TN, 33	31/32	2 1/16
TC 1	PTC 1	#1	3/8, 11, TB, 37	31/32	2 1/16
TC 1/0	PTC 1/0	1/0	1/2, 12, TQ, 42	31/32	2 1/16
TC 2/0	PTC 2/0	2/0	5/8, 13, TS, 45	1 1/32	2 1/16
TC 3/0	PTC 3/0	3/0	5/8, 14, TU, 50	1 1/8	2 13/32
TC 4/0	PTC 4/0	4/0	5/8-1, 15, TW-TY, 9A	1 1/8	2 3/8
TC 250	PTC 250	250	1 1/16, 16, TR, 60	1 1/32	2 9/16
TC 300	PTC 300	300	781, 17, 66, TV	1 1/4	2 5/8
TC 350	PTC 350	350	840, 18, TX, 71	1 5/16	2 25/32
TC 400	PTC 400	400	840, 15/16, 19, TX, 76	1 7/16	2 31/32
TC 500	PTC 500	500	1, 20, TH, 87	1 11/16	3 17/32
TC 600	PTC 600	600	1 1/8-1, 22, 96	2 1/16	4 7/32
TC 750	PTC 750	750	1 7/16, 24, 106	2 1/16	4 7/32
TC 800	PTC 800	800	1 7/16, 2, 25	2 1/16	4 7/32
TC 1000	PTC 1000	1000	1 1/2, 27, 125	2 1/4	5
TC 1500	PTC 1500	1500	1 3/4, 31, 150	2 3/4	6
TC 2000	PTC 2000	2000	2.00, 34, 175	3 1/8	6 3/4

## Copper Tin-Plated Tees

Tees available in many run and tap sizes for various copper conductors.



250 T 250

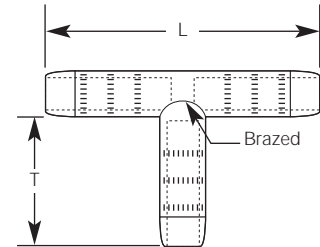
Features	Benefits/Descriptions
Made from Tin-Plated Copper	High conductivity, resistant to corrosion.
All Tees Marked with Conductor Sizes and Die References	Easy identification.

### Ordering Information for Copper Tin-Plated Tees

CAT. NO.	Conductor Size		CAT. NO.	Conductor Size	
	Run	Tap		Run	Tap
2 T 2	#2	#2	350 T 1/0	350	1/0
1/0 T 6	1/0	#6	350 T 2/0		2/0
1/0 T 4		#4	350 T 4/0		4/0
1/0 T 2		#2	350 T 350	400	350
1/0 T 1		#1	400 T 1/0		1/0
1/0 T 1/0		1/0	400 T 2/0		2/0
2/0 T 6	2/0	#6	400 T 4/0		4/0
2/0 T 4		#4	400 T 250		250
2/0 T 2		#2	400 T 300		300
2/0 T 1		#1	400 T 350		350
2/0 T 1/0		1/0	400 T 400	500	400
2/0 T 2/0	3/0	2/0	500 T 1/0		1/0
3/0 T 1/0		1/0	500 T 2/0		2/0
3/0 T 3/0		3/0	500 T 4/0		4/0
4/0 T 2	4/0	#2	500 T 250		250
4/0 T 1		#1	500 T 350		350
4/0 T 1/0		1/0	500 T 400		400
4/0 T 2/0		2/0	500 T 500	600	500
4/0 T 4/0		4/0	600 T 2/0		2/0
250 T 2	250	#2	600 T 4/0		4/0
250 T 1		#1	600 T 350		350
250 T 1/0		1/0	600 T 500		500
250 T 2/0		2/0	600 T 600	750	600
250 T 4/0		4/0	750 T 350		350
250 T 250	300	250	750 T 500		500
300 T 300		300	750 T 750	1000	750
			1000 T 500		500
			1000 T 1000		1000

# Copper Tin-Plated Tapered Tees

Tapered ends enable use in high-voltage applications up to 69kV.



Features	Benefits/Descriptions
Produced from Seamless Copper Tubing	Provides high conductivity.
Tin Plated	Resists corrosion.

## Ordering Information for Copper Tin-Plated Tapered Tees

CAT. NO.	Run	Tap	L	T	CAT. NO.	Run	Tap	L	T
TT 2-2	#2	#2	3 <sup>11</sup> / <sub>16</sub>	1 <sup>1</sup> / <sub>2</sub>	TT 350-1/0	350	1/0	5 <sup>13</sup> / <sub>16</sub>	2 <sup>13</sup> / <sub>16</sub>
TT 1/0-6	1/0	#6	3 <sup>3</sup> / <sub>16</sub>	1 <sup>1</sup> / <sub>2</sub>	TT 350-2/0	350	2/0	5 <sup>31</sup> / <sub>16</sub>	2 <sup>13</sup> / <sub>16</sub>
TT 1/0-4		#4	3 <sup>13</sup> / <sub>16</sub>	1 <sup>1</sup> / <sub>2</sub>	TT 350-4/0		4/0	5 <sup>23</sup> / <sub>16</sub>	2 <sup>13</sup> / <sub>16</sub>
TT 1/0-2		#2	3 <sup>7</sup> / <sub>16</sub>	1 <sup>1</sup> / <sub>2</sub>	TT 350-350		350	5 <sup>29</sup> / <sub>16</sub>	2 <sup>13</sup> / <sub>16</sub>
TT 1/0-1		#1	3 <sup>15</sup> / <sub>16</sub>	1 <sup>1</sup> / <sub>2</sub>	TT 400-1/0	400	1/0	5 <sup>21</sup> / <sub>16</sub>	2 <sup>3</sup> / <sub>8</sub>
TT 1/0-1/0	2/0	1/0	4	1 <sup>1</sup> / <sub>2</sub>	TT 400-2/0		2/0	5 <sup>21</sup> / <sub>16</sub>	2 <sup>3</sup> / <sub>8</sub>
TT 2/0-6		#6	3 <sup>29</sup> / <sub>16</sub>	1 <sup>1</sup> / <sub>2</sub>	TT 400-4/0		4/0	5 <sup>25</sup> / <sub>16</sub>	2 <sup>3</sup> / <sub>8</sub>
TT 2/0-4		#4	3 <sup>31</sup> / <sub>16</sub>	1 <sup>1</sup> / <sub>2</sub>	TT 400-250		250	5 <sup>27</sup> / <sub>16</sub>	2 <sup>3</sup> / <sub>8</sub>
TT 2/0-2		#2	4 <sup>1</sup> / <sub>16</sub>	1 <sup>1</sup> / <sub>2</sub>	TT 400-300	500	300	5 <sup>29</sup> / <sub>16</sub>	2 <sup>3</sup> / <sub>8</sub>
TT 2/0-1		#1	4 <sup>3</sup> / <sub>16</sub>	1 <sup>1</sup> / <sub>2</sub>	TT 400-400		400	6 <sup>1</sup> / <sub>16</sub>	2 <sup>3</sup> / <sub>8</sub>
TT 2/0-1/0	3/0	1/0	4 <sup>5</sup> / <sub>16</sub>	1 <sup>1</sup> / <sub>2</sub>	TT 500-1/0		1/0	6 <sup>23</sup> / <sub>16</sub>	2 <sup>19</sup> / <sub>16</sub>
TT 2/0-2/0		2/0	4 <sup>9</sup> / <sub>16</sub>	1 <sup>1</sup> / <sub>2</sub>	TT 500-2/0	500	2/0	6 <sup>23</sup> / <sub>16</sub>	2 <sup>19</sup> / <sub>16</sub>
TT 3/0-1/0	4/0	1/0	4 <sup>1</sup> / <sub>16</sub>	1 <sup>5</sup> / <sub>8</sub>	TT 500-4/0		4/0	6 <sup>15</sup> / <sub>16</sub>	2 <sup>19</sup> / <sub>16</sub>
TT 3/0-3/0		3/0	4 <sup>1</sup> / <sub>16</sub>	1 <sup>7</sup> / <sub>8</sub>	TT 500-250		250	6 <sup>17</sup> / <sub>16</sub>	2 <sup>19</sup> / <sub>16</sub>
TT 4/0-2	250	#2	4 <sup>3</sup> / <sub>16</sub>	1 <sup>3</sup> / <sub>4</sub>	TT 500-350		350	6 <sup>21</sup> / <sub>16</sub>	2 <sup>19</sup> / <sub>16</sub>
TT 4/0-1		#1	4 <sup>3</sup> / <sub>16</sub>	1 <sup>3</sup> / <sub>4</sub>	TT 500-400	600	400	6 <sup>23</sup> / <sub>16</sub>	2 <sup>19</sup> / <sub>16</sub>
TT 4/0-1/0		1/0	4 <sup>1</sup> / <sub>4</sub>	1 <sup>3</sup> / <sub>4</sub>	TT 500-500		500	6 <sup>23</sup> / <sub>16</sub>	2 <sup>19</sup> / <sub>16</sub>
TT 4/0-2/0		2/0	4 <sup>5</sup> / <sub>16</sub>	1 <sup>3</sup> / <sub>4</sub>	TT 600-2/0		2/0	7 <sup>3</sup> / <sub>16</sub>	3 <sup>3</sup> / <sub>16</sub>
TT 4/0-4/0	300	4/0	4 <sup>1</sup> / <sub>16</sub>	1 <sup>3</sup> / <sub>4</sub>	TT 600-4/0	600	4/0	7 <sup>1</sup> / <sub>16</sub>	3 <sup>3</sup> / <sub>16</sub>
TT 250-2		#2	4 <sup>1</sup> / <sub>4</sub>	1 <sup>3</sup> / <sub>4</sub>	TT 600-350		350	7 <sup>9</sup> / <sub>16</sub>	3 <sup>3</sup> / <sub>16</sub>
TT 250-1		#1	4 <sup>1</sup> / <sub>4</sub>	1 <sup>3</sup> / <sub>4</sub>	TT 600-500		500	7 <sup>11</sup> / <sub>16</sub>	3 <sup>3</sup> / <sub>16</sub>
TT 250-1/0		1/0	4 <sup>5</sup> / <sub>16</sub>	1 <sup>3</sup> / <sub>4</sub>	TT 600-600	750	600	7 <sup>7</sup> / <sub>16</sub>	3 <sup>3</sup> / <sub>16</sub>
TT 250-2/0	1000	2/0	4 <sup>3</sup> / <sub>8</sub>	1 <sup>3</sup> / <sub>4</sub>	TT 750-350		350	9 <sup>1</sup> / <sub>2</sub>	4 <sup>1</sup> / <sub>4</sub>
TT 250-4/0		4/0	4 <sup>1</sup> / <sub>2</sub>	1 <sup>3</sup> / <sub>4</sub>	TT 750-500	1000	500	9 <sup>1</sup> / <sub>2</sub>	4 <sup>1</sup> / <sub>4</sub>
TT 250-250		250	4 <sup>9</sup> / <sub>16</sub>	1 <sup>3</sup> / <sub>4</sub>	TT 750-750		750	9 <sup>1</sup> / <sub>2</sub>	4 <sup>1</sup> / <sub>4</sub>
TT 300-300		300	4 <sup>9</sup> / <sub>16</sub>	1 <sup>3</sup> / <sub>4</sub>	TT 1000-500		500	9 <sup>1</sup> / <sub>2</sub>	4 <sup>1</sup> / <sub>4</sub>
					TT 1000-1000		1000	9 <sup>1</sup> / <sub>2</sub>	4 <sup>1</sup> / <sub>4</sub>

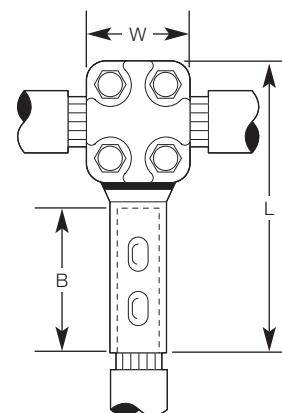
NOTE: For other available sizes, please consult your Thomas & Betts representative.

## Copper Tin-Plated Clamp Tee Connectors

Get permanent compression on the tap and be able to disconnect in the future.



Features	Benefits/Descriptions
Constructed of Cast Copper and Seamless Copper Tubing	Provides high strength and high conductivity.
Tin Plated	Resists corrosion.



### Ordering Information for Copper Tin-Plated Clamp Tee Connectors

CAT. NO.	Conductor Size		B	L	W
	Run	Tap			
2131-1	750	2/0 str.	1½	4⅞	2⅞
2131-2		4/0 str.	1⅝	5	
2131-3		250	1⅞	5	
2131-4		350	2	5⅝	
2131-5		500	2¼	5⅝	
2131-6		750	2⅝	6¼	
2131-7	1000	2/0 str.	1½	4⅞	
2131-8		4/0 str.	1⅝	5	
2131-9		250	1⅞	5	
2131-10		350	2	5⅝	
2131-11		500	2¼	5⅝	
2131-12		750	2⅝	6¼	
2131-13	1500	1000	3	6⅝	
2131-14		2/0 str.	1½	4⅞	
2131-15		4/0 str.	1⅞	5	
2131-16		250	1⅞	5	
2131-17		350	2	5⅝	
2131-18		500	2¼	5⅝	
2131-19		750	2⅝	6¼	
2131-20		1000	3	6⅝	
2131-21		1500	3⅞	6⅞	
2131-22		2000	3¾	8	2½



# Aluminum and Copper NEMA Lug Tee Taps for Cable Buses

Ring bus and cable ring bus applications now have reliable connect and disconnect points.

Features	Benefits/Descriptions
ANLTT Series for Aluminum Mains and NLTT Series for Copper Mains	Choose the taps that match your system.
Multiple Options Available	Accommodate all sizes of standard NEMA drilled compression lugs.
Tin Plated	Resists corrosion.



NLTT 1000

## Ordering Information for Tin-Plated Aluminum NEMA Lug Tee Taps

CAT. NO.	Main Conductor	Figure Number/Taps	Width
ANLTT 4/0	4/0	2	1½
ANLTT 350	350		1½
ANLTT 500	500		1½
ANLTT 750	750		1¾
ANLTT 1000	1000		1¾
ANLTT 1500	1500		2½
ANLT 4/0	4/0	1	1½
ANLT 350	350		1½
ANLT 500	500		1½
ANLT 750	750		1¾
ANLT 1000	1000		1¾
ANLT 1500	1500		2½

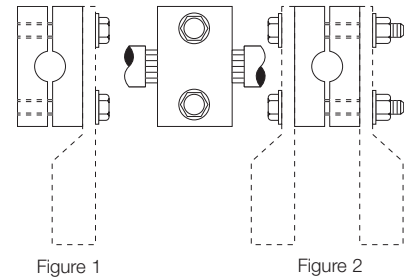


Figure 1

Figure 2

## Ordering Information for Tin-Plated Copper NEMA Lug Tee Taps

CAT. NO.	Main Conductor	Figure Number/Taps	Width
NLTT 4/0	4/0	2	1½
NLTT 350	350		1½
NLTT 500	500		1½
NLTT 750	750		1¾
NLTT 1000	1000		1¾
NLTT 1500	1500		2½
NLT 4/0	4/0	1	1½
NLT 350	350		1½
NLT 500	500		1½
NLT 750	750		1¾
NLT 1000	1000		1¾
NLT 1500	1500		2½

NOTE: For insulating covers, see page 60.

For sizes not listed, please consult your Thomas & Betts representative.



**HOMAC®**

**Blackburn®**

## QUICK REFERENCE

### In-Line Splices — Underground Distribution

page(s)

Aluminum Compression  
Splice Kits . . . . . 46–49

Aluminum Mechanical  
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Lighting Mechanical  
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Cable End Caps . . . . . 61

Pipe/Conduit Seals . . . . . 62

Underground  
Distribution

**Underground cables are out of sight.  
Make sure your connections are watertight.**

Direct-buried, underground systems come with an ever-present challenge: How do you keep water out of the connections? Thomas & Betts has the products you need to make watertight splices and to keep all your underground connections dry.

# Aluminum Flood-Seal® Compression Splice Kits

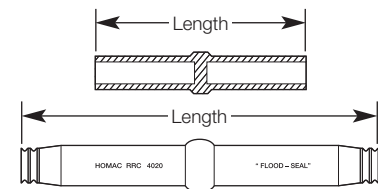
Dissipate heat and make perfect watertight seals.



RRK 500



Features	Benefits/Descriptions
Radiating Rib	Dissipates heat, centers the watertight insulating cover and seals perfectly every time.
Rubber Flood-Seal Insulating Cover	Fits snugly for maximum heat dissipation, no tape required.
Compact Size	Install connectors on up to 4/0 cable in only 10" of space using UT 3 M or UT 3 tools.
Prefilled with Oxide Inhibitor	Prevents oxidation and keeps out moisture.
Standards Compliant	Exceeds ANSI C119.4 requirements and is RUS Accepted.



## Ordering Information for Aluminum Flood-Seal® Compression Splice Kits

CAT. NO.	Color Code	Wire Size		Connector Length	Insulator Length	Installing Dies	Strip Length
		From	To				
RRK 4	Orange	#4	#4	2	5½	½ (3)	1
RRK 2	Red	#2	#2	3	5½	¾ (5)	1½
RRK 24	Red/Orange	#2	#4			¾ (5)	
RRK 1	Red	#1	#1			¾ (5)	
RRK 10	Yellow	1/0	1/0			¾ (5)	
RRK 102	Yellow/Red	1/0	#2			¾ (5)	
RRK 20	Gray	2/0	2/0			¾ (5)	
RRK 201	Gray/Red	2/0	#1			¾ (5)	
RRK 202	Gray/Red	2/0	#2			¾ (5)	
RRK 2010	Gray/Yellow	2/0	1/0			¾ (5)	
RRK 30	Black	3/0	3/0	4¼	7¼	¾ (7)	2¼
RRK 3010	Black/Yellow	3/0	1/0			¾ (5)	
RRK 3020	Black/Gray	3/0	2/0			¾ (7)	
RRK 40	Pink	4/0	4/0			¾ (7)	
RRK 4010	Pink/Yellow	4/0	1/0			¾ (7)	
RRK 4020	Pink/Gray	4/0	2/0			¾ (7)	
RRK 4030	Pink/Black	4/0	3/0			¾ (7)	
RRK 40-840	Pink	4/0	4/0	4½	7½	840, 249, 11A	2½
RRK 250	None	250	250			840, 249, 11A	
RRK 300	None	300	300			840, TX, 76, 249, 11A	
RRK 350	None	350	350			840, TX, 76, 249, 11A	
RRK 350300	None	350	300			840, TX, 76, 249, 11A	
RRK 35040	None	350	4/0			840, TX, 76, 249, 11A	
RRK 500	None	500	500	6¾	10¾	472, 655, 13A, 96, 1½-2	2½

NOTE: For copper splice kits, add "CU" suffix to the catalog number.

## Aluminum Heat-Shrink Compression Splice Kits

Heat-shrink tubing creates sealed, watertight splices.



RRK 40 HS

Underground  
Distribution

Features	Benefits/Descriptions
Radiating Rib	Dissipates heat, centers the watertight insulating cover and seals perfectly every time.
Heavy-Wall Heat-Shrink Tubing	Crimp the two pieces of wire together, then heat the splice with a hot-air gun to get a fully sealed, watertight repair splice.
Prefilled with Oxide Inhibitor	Prevents oxidation and keeps out moisture.
Standards Compliant	Exceeds ANSI C119.4 requirements and is RUS Accepted.

### Ordering Information for Aluminum Heat-Shrink Compression Splice Kits

CAT. NO.	Color Code	Wire Size		Connector Length	Insulator Length	Installing Dies	Strip Length
		From	To				
RRK 4 HS	Orange	#4	#4	2	5½	½ (3)	1
RRK 2 HS	Red	#2	#2	3	5½	¾ (5)	1½
RRK 24 HS	Red/Orange	#2	#4			¾ (5)	
RRK 1 HS	Red	#1	#1			¾ (5)	
RRK 10 HS	Yellow	1/0	1/0			¾ (5)	
RRK 102 HS	Yellow/Red	1/0	#2			¾ (5)	
RRK 20 HS	Gray	2/0	2/0			¾ (5)	
RRK 201 HS	Gray/Red	2/0	#1			¾ (5)	
RRK 202 HS	Gray/Red	2/0	#2			¾ (5)	
RRK 2010 HS	Gray/Yellow	2/0	1/0			¾ (5)	
RRK 30 HS	Black	3/0	3/0	4¼	7¼	¾ (7)	2¼
RRK 3010 HS	Black/Yellow	3/0	1/0			¾ (5)	
RRK 3020 HS	Black/Gray	3/0	2/0			¾ (7)	
RRK 40 HS	Pink	4/0	4/0			¾ (7)	
RRK 4010 HS	Pink/Yellow	4/0	1/0			¾ (7)	
RRK 4020 HS	Pink/Gray	4/0	2/0			¾ (7)	
RRK 4030 HS	Pink/Black	4/0	3/0			¾ (7)	
RRK 40-840 HS	Pink	4/0	4/0	4½	7½	840, 249, 11A	2¼
RRK 250 HS	None	250	250			840, 249, 11A	
RRK 300 HS	None	300	300			840, TX, 76, 249, 11A	
RRK 350 HS	None	350	350			840, TX, 76, 249, 11A	
RRK 350300 HS	None	350	300			840, TX, 76, 249, 11A	
RRK 35040 HS	None	350	4/0			840, TX, 76, 249, 11A	
RRK 500 HS	None	500	500	6¾	10¾	472, 655, 13A, 96, 1½-2	2¼

NOTE: Use the Homac UT 3 or UT 3 M tool for wire sizes up to 4/0 (page 190).

# Aluminum Flood-Seal® Compression Splice Kits

Dual-rated kits approved for a wide range of aluminum or copper connections.



FSK 500

Features	Benefits/Descriptions
All Kits Include One Submersible Splice Cover and One Aluminum Compression Splice	Ensure a fully insulated, watertight repair splice, no tape required.
Prefilled with Oxide Inhibitor and Capped	Prevents oxidation and keeps out moisture.

## Ordering Information for Aluminum Flood-Seal® Compression Splice Kits

CAT. NO.	Connector Wire Size		Splice Cover	CAT. NO.	Connector Wire Size		Splice Cover
	From	To			From	To	
FSK 4	#4	#4	FSS 20	FSK 350 R 4/0	350	4/0	FSS 500
FSK 2	#2	#2		FSK 350	350	350	
FSK 1	#1	#1		FSK 400	400	400	
FSK 1/0	1/0	1/0		FSK 500 R 4/0	500	4/0	
FSK 1/0 R 2	1/0	#2		FSK 500 R 350	500	350	
FSK 2/0 R 1/0	2/0	1/0		FSK 500	500	500	
FSK 2/0	2/0	2/0		FSK 600	600	600	
FSK 4/0 R 2/0	4/0	2/0	FSS 350	FSK 750	750	750	FSS 1000
FSK 3/0	3/0	3/0		FSK 750 R 500	750	500	
FSK 4/0	4/0	4/0		FSK 1000 R 500	1000	500	
FSK 250	250	250		FSK 1000 R 750	1000	750	
FSK 300	300	300		FSK 1000	1000	1000	

NOTE: For kits with copper splices or with open-ended splice covers, please consult your Thomas & Betts representative.

# In-Line Compression Splice Kits

Dual-rated kits include submersible splice cover.

Features	Benefits/Descriptions
Heat-Shrink Kits Include Pre-Sized Heat-Shrink Tubing	Crimp the two pieces together, then heat the splice with a hot-air gun to get a fully sealed, watertight repair splice.
Flood-Seal® Kits Include a Rubber Insulating Cover	Fits snugly for maximum heat dissipation.
All Kits Also Include One Submersible Splice Cover	Ensures a fully insulated, watertight repair splice.
Dual-Rated	Approved for a wide range of aluminum or copper connections.
Prefilled with Oxide Inhibitor and Capped	Prevents oxidation and keeps out moisture.
Standards Compliant	UL Listed.



## Ordering Information for In-Line Compression Splice Kits

Heat-Shrink ULSK-HS, Pre-Sized Heat-Shrink Tubing Included		Flood-Seal ULSK Series		
CAT. NO.	Conductor Size	CAT. NO.	Conductor Size	Splice Cover
ULSK 6 HS	#6	ULSK 8	#8	FSS 20
ULSK 4 HS	#4	ULSK 6	#6	
ULSK 2 HS	#2	ULSK 4	#4	
ULSK 1 HS	#1	ULSK 2	#2	
ULSK 1/0 HS	1/0	ULSK 1	#1	
ULSK 2/0 HS	2/0	ULSK 1/0	1/0	FSS 350
ULSK 3/0 HS	3/0	ULSK 2/0	2/0	
ULSK 4/0 HS	4/0	ULSK 3/0	3/0	
ULSK 250 HS	250	ULSK 4/0	4/0	
ULSK 300 HS	300	ULSK 250	250	
ULSK 350 HS	350	ULSK 300	300	FSS 500 L
ULSK 400 HS	400	ULSK 350	350	
ULSK 500 HS	500	ULSK 400	400	
ULSK 600 HS	600	ULSK 500	500	
ULSK 750 HS	750	ULSK 600	600	
ULSK 800 HS	800	ULSK 750	750	FSS 1000
ULSK 1000 HS	1000	ULSK 800	800	
		ULSK 1000	1000	

NOTE: For reducing kits, please consult your Thomas & Betts representative.



# Aluminum Flood-Seal® Mechanical Splice Kits

## Range taking — no compression tools and dies required.

Underground Distribution

Features	Benefits/Descriptions
Prefilled with Oxide Inhibitor	Prevents oxidation and keeps out moisture.
Dual-Rated	Approved for use with aluminum or copper conductors.
EPDM Rubber Splice Covers	Ensure a fully insulated, watertight repair splice—there's no taping, heat shrink or mastic required.
Sized for Most Conductors	Perfect for repairing any 2-, 3- or 4-wire installation. RUS Accepted.
RUS Accepted	Approved by the federal government for utility use.



### Ordering Information for Aluminum Flood-Seal® Mechanical Splice Kits

#### Two-Wire Kits

CAT. NO.	Conductor Range	Connector Length	Number of Screws Per Side
USK 2/0 (slotted screw)	#14–2/0	1½	1
USK 2/0 AH		1½	
USK 4/0	#4–4/0	2	
USK 350*	#6–350	2⅝	
USK 350-4		4	
USK 350-12†		12	
USK 350-18†		18	
UH 11		4⅞	
UH 11 L†		6½	
USK 350-12 DS		12	
USK 350-18 DS†		18	
USK 500	#2–500	4⅞	2
USK 500 L†		7½	
USK 500-12†		12	
USK 500-16†		16	
USK 750	250–750	16⅞	

#### Compression Type Repair Kit

CAT. NO.	Conductor Range	Connector Length
URS 125	#2–350 (standard one-hole lugs)	17½

#### Three-Wire Kits

CAT. NO.	Conductor Range	Outlets
SL 3-2 K	#4–#14 CU / 2–14 AL	3
USK 4/0 SL	Side "A" (#6–350), Side "B" (1/0–4/0 with #6–#14 sol. tap)	accommodates 3 wires

#### Four-Wire Kits

CAT. NO.	Conductor Range	Outlets
FSS 42-212 AH	#2–#12	4
UH 11 SL	Side "A" (#6–350), Side "B" (1/0–4/0 with #6–#14 sol. tap)	accommodates 4 wires
MTB 350-1 MTB 350	#6–350	4

\* UL listed.

† Repair Kits.



# Copper In-Line Compression Splice Kits

Make copper splices using kits with either a rubber insulating cover or heat-shrink tubing.



Features	Benefits/Descriptions
Flood-Seal® Kits Include a Rubber Insulating Cover	Fits snugly for maximum heat dissipation.
Heat-Shrink Kits Include Pre-Sized Heat-Shrink Tubing	Crimp the two pieces of wire together, then heat the splice with a hot-air gun to get a fully sealed, watertight repair splice.
All Kits Include One Submersible Splice Cover	Ensures a fully insulated, watertight repair splice.
Connectors Have a Center Cable Stop	Ensures equal cable insertion.
Standards Compliant	UL Listed.

## Ordering Information for Copper In-Line Compression Splice Kits

### Heat-Shrink ULCK-HS, Pre-Sized Heat-Shrink Tubing Included

Series Copper Conductor CAT. NO.	Conductor Size
ULCK 8 HS	#8
ULCK 6 HS	#6
ULCK 4 HS	#4
ULCK 2 HS	#2
ULCK 1 HS	#1
ULCK 1/0 HS	1/0
ULCK 2/0 HS	2/0
ULCK 3/0 HS	3/0
ULCK 4/0 HS	4/0
ULCK 250 HS	250
ULCK 300 HS	300
ULCK 350 HS	350
ULCK 400 HS	400
ULCK 500 HS	500
ULCK 600 HS	600
ULCK 750 HS	750
ULCK 1000 HS	1000

### Flood-Seal® ULCK

Series Copper Conductor CAT. NO.	Conductor Size	Splice Cover
ULCK 8	#8	FSS 20
ULCK 6	#6	
ULCK 4	#4	
ULCK 2	#2	
ULCK 1	#1	
ULCK 1/0	1/0	FSS 350
ULCK 2/0	2/0	
ULCK 3/0	3/0	
ULCK 4/0	4/0	
ULCK 250	250	
ULCK 300	300	FSS 500 L
ULCK 350	350	
ULCK 400	400	
ULCK 500	500	
ULCK 600	600	
ULCK 750	750	FSS 1000
ULCK 800	800	
ULCK 1000	1000	

NOTE: For kits with open-ended splice covers, for splices not shown or for reducing kits, please consult your Thomas & Betts representative.

# Flood-Seal® Street and Highway Lighting Mechanical Connectors

Two connector styles to match your application.



Underground Distribution

Features	Benefits/Descriptions
EPDM Flood-Seal Housing	Ensures a fully insulated, watertight and submersible connection.
Dual-Rated	Mechanical connector accepts aluminum or copper conductors ranging from #14 to 1/0 AWG.



RAB 1/0-4  
(Style 1)

## Ordering Information for Flood-Seal® Street and Highway Lighting Mechanical Connectors

CAT. NO.	Conductor Range	Outlets	Style
RAB 1/0-2	#14-1/0	2	Style 1
RAB 1/0-3		3	
RAB 1/0-4		4	
RAB 1/0-5		5	
RAB 1/0-6		6	
RAB 1/0-7		7	
RAB 1/0-8		8	
RAB 1/0-9		9	
RAB 1/0-10		10	
RAB 1/0-21		3	Style 2
RAB 1/0-22	#14-1/0	4	
RAB 1/0-31		4	
RAB 1/0-32		5	
RAB 1/0-33		6	
RAB 1/0-42		6	

NOTE: For oxide-inhibitor option, add "-C" suffix to the catalog number.

# Insulated Street and Highway Lighting Mechanical Connectors

Insulated connectors for above-ground applications.

Features	Benefits/Descriptions
Rubber Insulation	Ensures an insulated connection.
Models with Street Light Connectors	Fit a range of mains and taps.
SLV Series Features Clear PVC	Enables safe and time-saving installation.
SLV Series Sized for a Range of Conductors	Perfect for multiple installation types.
BY Series Features a PVC Boot and Locking Insulator	Both ensure a fully insulated connection. The connector stays on until removal is necessary.



RB 210-8 SL



SLV 42-212



BY 320

## Ordering Information for Insulated Street and Highway Lighting Mechanical Connectors

CAT. NO.	Conductor Range
<b>RB Series — Rubber Insulated</b>	
RB 210-8 SL	Main 1/0 max., Tap #12 – #8
RB 210-8 SS	Main 1/0 max., Tap #12 – #8
RB 6240 SL	Main 2/0 – #14, Tap #14 – #6
<b>SLV Series — Clear PVC Encapsulated</b>	
SLV 240-24	Main (2) 4/0 – #6, Tap (2) #4 – #14
SLV 42-212	#12 – #2
<b>BY Series — PVC Insulated</b>	
BY 320	#14 – 2/0

NOTE: For oxide-inhibitor option, add “-C” suffix to the catalog number.

# Flood-Seal® Street and Highway Lighting Compression Fuse and Non-Fused Kits — In-Line

## Everything you need for copper connections to roadway lighting.

Copper In-Line Fuse Kits include Flood-Seal housing, fuse clips, silicone lubricant and instruction sheet. Fuse is not included. Fuse Kits accept non-glass standard cartridge fuses of  $\frac{1}{32}$ " diameter and  $1\frac{1}{2}$ " length. Copper In-Line Non-Fused Kits include Flood-Seal housing, connecting link, silicone lubricant and instruction sheet.

Features	Benefits/Descriptions
EPDM Rubber Housing	Ensures a fully insulated, watertight and submersible connection.
Breakaway Design	Kits separate under tension so wires don't break.
Safe Separations	Fuse or connecting link stays in load side when separated.
Rated for 600V, 30A Maximum	Perfect for heavy-duty applications.

### Ordering Information for Compression In-Line Fuse Kits

Single Housing CAT. NO.	Twin Housing CAT. NO.	CU Wire Size		Installation Tool
		Str.	Sol.	
SLK 6	SLT 6	#14-#10	#14-#8	T&B WT111M, C Die or Equal
		#8-#6	#6-#4	T&B TBM20S, Blue Die or Equal
SLK 2	SLT 2	#4	#2	T&B TBM20S, Gray Die or Equal
		#2	—	T&B TBM20S, Brown Die or Equal



Single Housing CAT. NO.	Twin Housing CAT. NO.	#6 Side				#2 Side			
		CU Wire Size		Installation Tool	CU Wire Size		Installation Tool		
		Str.	Sol.		Str.	Sol.			
SLK 6-2	SLT 6-2	#14-#10	#14-#8	T&B WT111M, C Die or Equal	#4	#2	T&B TBM20S, Gray Die or Equal		
		#8-#6	#6-#4	T&B TBM20S, Blue Die or Equal	#2	—	T&B TBM20S, Brown Die or Equal		

### Ordering Information for Compression In-Line Non-Fused Kits

Single Housing CAT. NO.	Twin Housing CAT. NO.	CU Wire Size		Installation Tool
		Str.	Sol.	
SDK 6	SDT 6	#14-#10	#14-#8	T&B WT111M, C Die or Equal
		#8-#6	#6-#4	T&B TBM20S, Blue Die or Equal
SDK 2	SDT 2	#4	#2	T&B TBM20S, Gray Die or Equal
		#2	—	T&B TBM20S, Brown Die or Equal



Single Housing CAT. NO.	Twin Housing CAT. NO.	#6 Side				#2 Side			
		CU Wire Size		Installation Tool	CU Wire Size		Installation Tool		
		Str.	Sol.		Str.	Sol.			
SDK 6-2	SDT 6-2	#14-#10	#14-#8	T&B WT111M, C Die or Equal	#4	#2	T&B TBM20S, Gray Die or Equal		
		#8-#6	#6-#4	T&B TBM20S, Blue Die or Equal	#2	—	T&B TBM20S, Brown Die or Equal		

NOTE: For 60A options, add "-60" suffix to the catalog number.


For larger wire sizes, please consult your Thomas & Betts representative.

# Breakaway Single-Pole and Double-Pole Street Light Kits

Versatile kits for roadway lighting fixtures, flood and area lighting fixtures and power distribution systems.

All Kits include line- and load-side housings, metal fuse sockets, assembly dowel, lubricant, wiper and installation instructions.

Fuse is not included. Fuse Kits accept non-glass standard cartridge fuses of  $\frac{1}{8}$ " diameter and  $1\frac{1}{2}$ " length.

Features	Benefits/Descriptions
Watertight and Easy to Install	Doesn't require tape, compound or heat source for fitting.
Individual Fusing	Enables separation of kit without de-energizing complete circuit.
Breakaway-Style Fuse Holder	Eliminates risk of electrical shock. Exposed current carrying components are all contained in harmless load side of the kit.
Readily Identifiable Problem Area	Simplifies maintenance.
Rated for 600V, 30A Maximum	Perfect for heavy-duty applications.
Standards Compliant 	CSA Certified.



## Type 65 U

Line-Side Housing Receptacle

Load-Side Housing Receptacle



Crimp-On Fuse<sup>†</sup> Sockets



Assembly Dowel



## Type D 65 U

Line-Side Housing Receptacle

Load-Side Housing Receptacle



Crimp-On Fuse<sup>†</sup> Sockets



Assembly Dowel



## Ordering Information for Type 65 Breakaway

### Single-Pole In-Line

CAT. NO.	Conductor Size AWG	Conductor Material*
65 U	#14-#6	Copper
65 LC	#4 or #2	Copper

\* Available in aluminum.

<sup>†</sup> Fuse not included with kit. Do NOT use glass fuses.

NOTE: Electrical rating for 600V, .10-30A,  $\frac{1}{8}$ " x  $1\frac{1}{2}$ " fuse.  
Maximum overall length:  $7\frac{3}{4}$ " installed, diameter:  $1\frac{1}{8}$ ".

### Double-Pole In-Line

CAT. NO.	Conductor Size AWG	Conductor Material*
D 65 U	#14-#6	Copper
D 65 LC	#4 or #2	Copper

\* Available in aluminum.

<sup>†</sup> Fuse not included with kit. Do NOT use glass fuses.

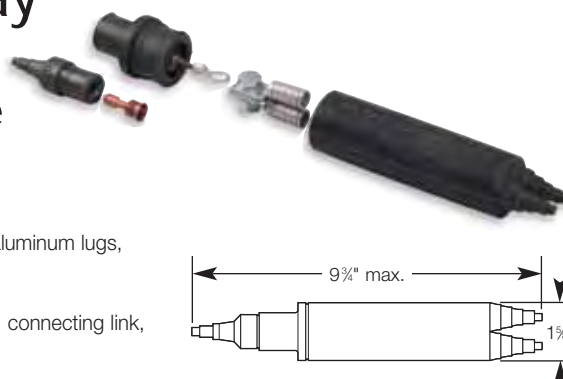
NOTE: Electrical rating for 600V, .10-30A,  $\frac{1}{8}$ " x  $1\frac{1}{2}$ " fuse.  
Maximum overall length:  $7\frac{3}{4}$ " installed, diameter:  $2\frac{3}{8}$ ".

# Flood-Seal® Street and Highway Lighting Mechanical Fuse and Disconnect Kits — Y-Type

Ideal for heavy-duty applications.

Aluminum and Copper Y-Type Fuse Kits include Flood-Seal housing, fuse clips, two aluminum lugs, hardware, silicone lubricant and instruction sheet. Fuse is not included.

Aluminum and Copper Y-Type Disconnect Kits include Flood-Seal housing, fuse clips, connecting link, two aluminum or copper lugs, hardware, silicone lubricant and instruction sheet.



Features	Benefits/Descriptions
EPDM Rubber Housing	Ensures a fully insulated, watertight and submersible connection.
Safe Separations	Fuse or connecting link stays in load side when separated.
Dual-Rated	Approved for a wide range of aluminum or copper conductors.
Rated for 600V, 30A Maximum	Perfect for heavy-duty applications. Some Fuse Kits can even accept a 60A fuse.

## Ordering Information for Y-Type Kits

600 Volt, 30 Amp Max.

CAT. NO.	Wire Size Stranded	Fused/ Non Fused	Installing Dies
FYA-6	#6	Fused (Aluminum Run, Copper Tap)	52, BG, 243, %
FYA-4	#4		52, BG, 243, %
FYA-2	#2		52, BG, 243, %
FYA-1/0	1/0		52, BG, 243, %
FYA-2/0	2/0		58, 297, 245, %-1
FYC-8	#8	Fused (Copper Run, Copper Tap)	¼, 6, TC, 21
FYC-6	#6		J, 7, TE, 24
FYC-4	#4		⅝, 8, TP, 29
FYC-2	#2		⅝, 10, TL-TN, 33
FYC-1	#1		⅝, 11K TB, 37
FYC-1/0	1/0		½, 12, TQ, 42
FYC-2/0	2/0		⅝, 13, TS, 45

600 Volt, 30 Amp Max.

CAT. NO.	Wire Size Stranded	Fused/ Non Fused	Installing Dies
DYA-6	#6	Non-Fused (Aluminum Run, Copper Tap)	52, BG, 243, %
DYA-4	#4		52, BG, 243, %
DYA-2	#2		52, BG, 243, %
DYA-1/0	1/0		52, BG, 243, %
DYA-2/0	2/0		58, 297, 245, %-1
DYC-8	#8	Non-Fused (Copper Run, Copper Tap)	¼, 6, TC, 21
DYC-6	#6		J, TE, 24
DYC-4	#4		⅝, 8, TP, 29
DYC-2	#2		⅝, 10, TL-TN, 33
DYC-1	#1		⅝, 11K TB, 37
DYC-1/0	1/0		½, 12, TQ, 42
DYC-2/0	2/0		⅝, 13, TS, 45

NOTE: If fixture or tap wire is aluminum, add the following suffixes to the catalog number:  
 -2A for 14–10 Stranded or 12–8 Solid. For example, FYC 1/0-2A.  
 -3A for 8–6 Stranded or 6–4 Solid. For example, FYA 1/0-3A.

# Flood-Seal® Street and Highway Lighting Compression Fuse and Disconnect Kits — YY-Type

Breakaway design prevents wire breakage.

YY-Type Fuse Kits include Flood-Seal housing, fuse clips, silicone lubricant and instruction sheet. Fuse is not included. Fuse Kits accept non-glass standard cartridge fuses of  $\frac{1}{32}$ " diameter and  $1\frac{1}{2}$ " length.

YY-Type Disconnect Kits include Flood-Seal housing, connecting link, silicone lubricant and instruction sheet.



Features	Benefits/Descriptions
EPDM Rubber Housing	Ensures a fully insulated, watertight and submersible connection.
Breakaway Design	Kits separate under tension so wires don't break.
Safe Separations	Fuse or connecting link stays in load side when separated.
Rated for 600V, 30A Maximum	Perfect for heavy-duty applications.

## Ordering Information for YY-Type Kits

### Aluminum

CAT. NO.	Fused/ Non Fused	Conductor Size	
		Main	Tap
YFA 8	Fused	#8	#14-#6
YFA 6		#6	
YFA 4		#4	
YFA 2		#2	
YFA 1/0		1/0	
YFA 2/0		2/0	
YDA 8	Non-Fused	#8	#14-#6
YDA 6		#6	
YDA 4		#4	
YDA 2		#2	
YDA 1/0		1/0	
YDA 2/0		2/0	

### Copper

CAT. NO.	Fused/ Non Fused	Conductor Size	
		Main	Tap
YFC 8	Fused	#8	#14-#6
YFC 6		#6	
YFC 4		#4	
YFC 2		#2	
YFC 1/0		1/0	
YFC 2/0		2/0	
YDC 8	Non-Fused	#8	#14-#6
YDC 6		#6	
YDC 4		#4	
YDC 2		#2	
YDC 1/0		1/0	
YDC 2/0		2/0	

NOTE: 600V, 30A fuse not included. Fused kits accept standard cartridge fuse with  $\frac{1}{32}$ " diameter,  $1\frac{1}{2}$ " length, non-glass type.



# Flood-Seal® Street and Highway Lighting Mechanical Fuse and Disconnect Kits — In-Line

In-line mechanical kit options for aluminum or copper conductors.

In-Line Fuse Kits include Flood-Seal housing, fuse clips, silicone lubricant and instruction sheet. Fuse is not included. Fuse Kits accept non-glass standard cartridge fuses of  $\frac{1}{32}$ " diameter and  $1\frac{1}{2}$ " length. SLK 22-60 M, SLK 102-60 M and SLK 1010-60 M Fuse Kits can also accept a 60A fuse measuring  $2\frac{1}{4}$ " long.

In-Line Non-Fused Kits include Flood-Seal housing, connecting link, silicone lubricant and instruction sheet.



Features	Benefits/Descriptions
EPDM Rubber Housing	Ensures a fully insulated, watertight and submersible connection.
Safe Separations	Fuse or connecting link stays in load side when separated.
Dual-Rated	Approved for a wide range of aluminum or copper conductors.
Rated for 600V, 30A Maximum	Perfect for heavy-duty applications. Some fuse kits can even accept a 60A fuse.

## Ordering Information for Street and Highway Lighting Mechanical Fuse and Disconnect Kits

CAT. NO.	Fused/ Non Fused	Conductor Range (Al/Cu)	
		Stranded	Solid
In-Line Kits			
SLK M	Fused	#12, #10, #8, #6, #4	#12, #10, #8, #6, #4
SLT M†			
SDK M	Non-Fused		
SDT M†			
In-Line Variable-Range Kits			
SLK 22 M	Fused	#2–#14	#2–#14
SLK 102 M		1/0–#2	#2–#14
SLK 1010 M		1/0–#2	1/0–#2
SLK 22-60 M*		#2–#14	#2–#14
SLK 102-60 M*		1/0–#2	#2–#14
SLK 1010-60 M*		1/0–#2	1/0–#2
SDK 22 M	Non-Fused	#2–#14	#2–#14
SDK 102 M		1/0–#2	#2–#14
SDK 1010 M		1/0–#2	1/0–#2

† Indicates twin housing.

\* 60A fuse max. 60A fuses are  $2\frac{1}{4}$ " long.

NOTE: 600V, 30A fuse not included. Fused kits accept standard cartridge fuse with  $\frac{1}{32}$ " diameter,  $1\frac{1}{2}$ " length, non-glass type.

# Flood-Seal® Street and Highway Lighting Mechanical Fuse and Disconnect Kits — Y-Type

Standard and mechanical run compression tap kits for your roadway lighting jobs.

Mechanical Y-Type Fuse Kits include Flood-Seal housing, fuse clips, dowel and silicone lubricant. Fuse is not included. Fuse Kits accept non-glass standard cartridge fuses of  $\frac{1}{32}$ " diameter and  $1\frac{1}{2}$ " length.



Underground  
Distribution

Features	Benefits/Descriptions
EPDM Flood-Seal Housing	Ensures a fully insulated, watertight and submersible connection.
Breakaway Design	Kits separate under tension so wires don't break.
Safe Separations	Fuse or connecting link stays in load side when separated.
Re-Enterable	Enables sectionalizing.
Matching Ampacity Rating	Run or feeder lugs have the same ampacity rating as the cable, up to 2/0.
Rated for 600V, 30A Maximum	Perfect for heavy-duty applications.
Y-Type Mechanical Run Compression Taps Use a $\frac{1}{8}$ " Hex Wrench	Just one tool needed for easy installation.

## Ordering Information for Street and Highway Lighting Mechanical Fuse and Disconnect Kits — Y

CAT. NO.	Fused/ Non Fused	Conductor Range (Al/Cu)	
		Main	Tap
Y-Type Disconnect Kits			
FYU M DYU M	Fused Non-Fused	#14-#2	#12-#4
Y-Line Mechanical Run Compression Kits			
FYU 6 FYU 2	Fused	#14-#2	#14-#6
DYU 6 DYU 2	Non-Fused		#4-#2
			#14-#6
			#4-#2

## Ordering Information for Street and Highway Lighting Mechanical Fuse and Disconnect Kits — YY

YY-Type Disconnect Kits			
CAT. NO.	Fused/ Non Fused	Conductor Range (Al/Cu)	
YFU M	Fused	#14-#4 Cu	
YDU M	Non-Fused	#14-#2 Al	

NOTE: 600V, 30A fuse not included. Fused kits accept standard cartridge fuse with  $\frac{1}{32}$ " diameter,  $1\frac{1}{2}$ " length, non-glass type.

# Flood-Seal® Insulating Covers

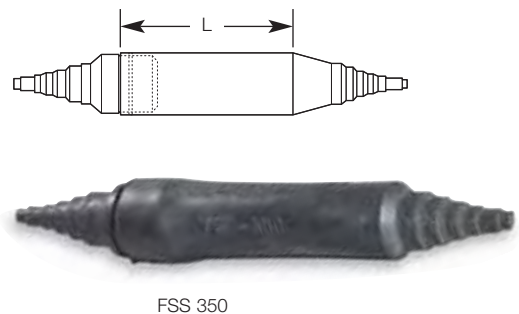
Watertight, fully insulated covers for a variety of splice applications.



Features	Benefits/Descriptions
Sizes for Most Conductors	Perfect for copper or aluminum conductors ranging from #14 AWG to 1500 kcmil.
Easy-to-Install, Waterproof Twin-Tap Covers	Cut the proper cable rings at each end of the Twin-Tap cover and slide cover halves over cables. The cover halves are mated, enclosing the compression tap in a waterproof seal.
Eliminate Taping	Significantly reduce labor and material cost of splice preparation.
Rated 600 Volts	Built for heavy-duty loads.
RUS Accepted	Approved by the federal government for utility use.
Standards Compliant	UL Listed.

## Ordering Information for FSS Series

CAT. NO.	Copper Conductor Range	Aluminum Conductor Range	Cable Insulation Diameter Range	L
FSS 20	#14-2/0	#14-2/0	.150-.600	2 1/4
FSS 20 L	#14-2/0	#14-2/0	.150-.600	3 3/8
FSS 350	#14-350	#14-350	.150-.980	4 1/8
FSS 350 L	#14-350	#14-350	.150-.980	7 1/2
FSS 500	#14-500	#14-500*	.150-1.175	4 1/8
FSS 500 L	#14-500	#14-500	.150-1.175	7 1/2
FSS 1000 S	#2-1000	#2-750	.370-1.600	5
FSS 1000	#2-1000	#2-1000	.370-1.600	10
FSS 1000-16	#2-1000	#2-1000	.370-1.600	13 3/8
FSS 1000 L	#2-1500	#2-1000	.370-1.600	18 1/8

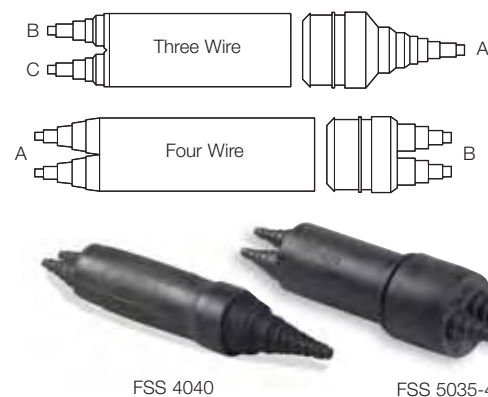


\* For 500 kcmil aluminum, remove liner from cap.

## Ordering Information for Twin-Tap\*

CAT. NO.	Conductor Range		
	A	B	C
FSS 1010-4	#14-1/0	#14-1/0	N/A
FSS 4010-4	#14-250	#14-1/0	N/A
FSS 4010-4 L	#8-250	#14-1/0	N/A
FSS 4040	#14-500	#14-250	#14-250
FSS 4040 L	#14-500	#8-250	#14-2/0
FSS 5010	#14-500	#14-2/0	#14-2/0
FSS 5035	#2-1500	#14-500	#14-400
FSS 5035-4	#14-500	#14-400	N/A

\* Not UL Listed.



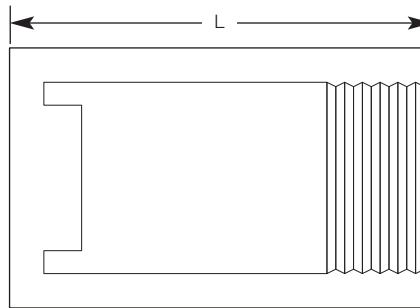
# Flood-Seal® Cable End Caps

Cap off your cable with our cable end caps.



Underground  
Distribution

Features	Benefits/Descriptions
EPDM Rubber Construction and Multiple Internal Sealing Ring Design	Enable each cap to fit wide decimal range.
Reusable	Saves money.
Durable	Unaffected by sun, rain or soil.
Tight Fitting	Prevents accidental removal.
Watertight	Doesn't require tape, compound or heat source for fitting.
Standards Compliant	Dielectrically tested to ANSI C119.1 requirement (2,200 volts AC for one minute).



## Ordering Information for Cable End Caps — 660V Cable Application

CAT. NO.	L	Decimal Range		MM		Concentric		Compressed		Compact	
		Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.
CAP 35	¾"	.250	.425	6.4	10.8	#6	#2	#6	#2	#6	#2
CAP 45	7⁄8"	.360	.562	9.1	14.3	#2	1/0	#2	1/0	#2	2/0
CAP 55	1"	.455	.626	11.6	15.9	#1	3/0	#1	3/0	#1	3/0
CAP 65	1¼"	.575	.750	14.6	19.0	2/0	250	3/0	300	3/0	300
CAP 85	1½"	.720	.973	18.3	24.7	250	400	350	400	250	400
CAP 95*	1¾"	.970	1.185	24.6	30.1	500	700	500	750	600	800
CAP 105*	2"	1.120	1.400	28.4	35.6	750	1000	750	1000	800	1000
CAP 125*	2½"	1.200	1.475	30.5	37.5	750	1000	750	1000	800	1000
CAP 130*	2¾"	1.390	1.650	35.3	41.9	1233.7	1250	—	—	—	—
CAP 135*	3"	1.465	1.750	37.2	44.5	1500	1578.8	—	—	—	—
CAP 145*	3½"	1.650	1.925	41.9	49.0	1973.5	2000	—	—	—	—
CAP 150*	4"	1.860	2.230	47.2	56.6	Fits High-Voltage Cable Only					
CAP 155*	4½"	2.150	2.500	54.6	63.5	Fits High-Voltage Cable Only					

\* Indicates cap with internal protective button.

NOTE: Conductor ranges shown are for outer diameter over cable insulation.

For cable sizes not listed, please consult your Thomas & Betts representative.

# Flood-Seal® Pipe/Conduit Seals

## Rubber-insulated end caps for commercial pipes and conduits.

Underground Distribution

Features	Benefits/Descriptions
Flood-Seal EPDM Rubber	Seals out water, insects, rodents and dirt.
Durable	Unaffected by sun, rain or soil.
Easily Removable	Ideal for installations or cable replacements.
Tight Fitting	Prevents accidental removal.

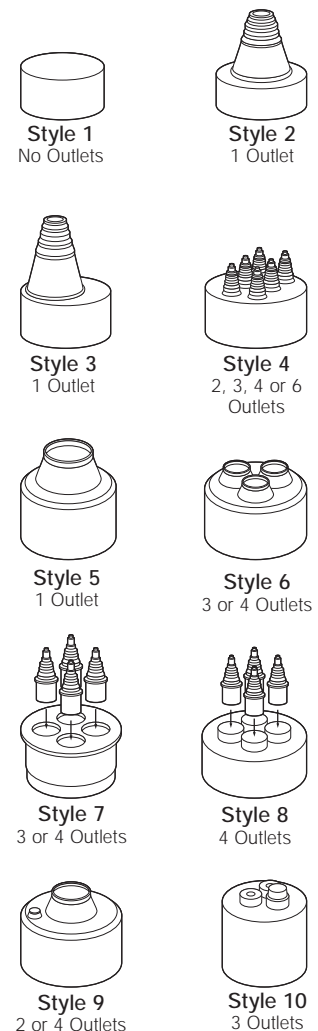


### Ordering Information for Flood-Seal® Pipe/Conduit Seals

CAT. NO.	Pipe Size (IPS)	Style	Ranges		Outside Body Length
			Conductor	Decimal	
CIC 75-3	¾	10	#14-#10	—	1½
CIC 50-3	½	10	#14-#10	—	1½
CIC 1-4	1	4	(4)#14-#4	SL-.380	2½ <sup>13</sup> / <sub>32</sub>
CIC 150	1½	5	—	.720-1.200	1½
CIC 15-320		6	(3)#2-2/0	.370-.580	1½
CIC 15-420		6	(4)#2-2/0	.370-.580	1½
C-5230	2	4	(2)#14-350, (1)#14-1/0	SL-.910, SL-.540	1½
C-5035		4	(1)#14-400, (1)#14-500	SL-.980, SL-1.175	1 <sup>15</sup> / <sub>16</sub>
C-5231		4	(3)#14-350, (1)#14-4/0	SL-.980, SL-.690	2
CIC 200		5	—	1.093-1.562	2
CIC 201		5	—	.937-1.145	4
PS 2		7	(3)#14-250	SL-.765	1 <sup>13</sup> / <sub>16</sub>
3133	2½	2	300-1500	.760-1.880	2½
3133-6		2	300-1500	.760-1.880	6½
CIC 25-440		4	(4)#2-4/0	.390-.690	2¼
CAP 250		1	NA	NA	3
PS 25	3	7	(2)#14-350, (1)#14-250	SL-.980, SL-.765	1 <sup>13</sup> / <sub>16</sub>
3135		2	350-2000	.830-2.234	2½
CAP 300		1	NA	NA	2½
CVC 3*		6	—	(3)1.093-1.562	2 <sup>11</sup> / <sub>16</sub>
CNC 3-1G		9	—	(1)1.031-1.531, (1).280-.420	2½
PS 3		7	(3)#14-350, (1)#14-250	SL-.980, SL-.765	1 <sup>13</sup> / <sub>16</sub>
PSX 3	3½	9	(3)#14-350, (1)#14-250	SL-.980, SL-.765	2½
PSX 35		8	(3)#14-500, (1)#14-250 & 350-500	SL-1.175 SL-.765	3 <sup>15</sup> / <sub>16</sub>
3138		4	#14-400	SL-.980	2
6318	4	3	—	1.500-3.00	2 <sup>11</sup> / <sub>16</sub>
CAP 400		1	NA	NA	2 <sup>11</sup> / <sub>16</sub>
CNC 4-1G		9	—	(1)1.031-1.531, (1).280-.420	2½
CVC 4*		6	—	(3)1.125-1.875	3 <sup>3</sup> / <sub>16</sub>
PS 4		7	(3)#14-500, (1)#14-350	SL-1.175, SL-.980	1¾
CIC 401		2	—	.830-2.234	3½
CAP 500	5	1	NA	NA	2 <sup>15</sup> / <sub>16</sub>
CVC 5*		6	—	1.250-2.00	3 <sup>3</sup> / <sub>16</sub>
PS 5		7	(3)#2-1500, (1)#14-500	.370-1.600, SL-1.175	2½
PS 6	6	7	(4)#2-1500	.370-1.600	2½

\* Vent cap, not watertight.

NOTE: For sizes not listed, please consult your Thomas &amp; Betts representative.







**HOMAC®**

**Blackburn®**

## Versatile connectors that save time, space and money.

With Thomas & Betts' line of Homac® URD multi-port bus connectors, you can speed up installation time by doubling cable capacity in half the outlet space — that's a money saver. Our fully insulated, watertight Flood-Seal® connectors can be used in a wide range of applications: above ground, direct burial, handhole and pedestal — even overhead.

### QUICK REFERENCE

#### URD Multi-Port Bus Connectors & Covers

page(s)

Aluminum Mechanical  
Connectors . . . . . 64–68

Aluminum Multi-Port  
Connectors . . . . . 69–72

Aluminum Service  
Entrance Connectors . . . . . 73–78

Copper Service  
Entrance Connectors . . . . . 79

Bus Connectors . . . . . 80

# Aluminum Flood-Seal® Mechanical Connectors

## Save outlet space.



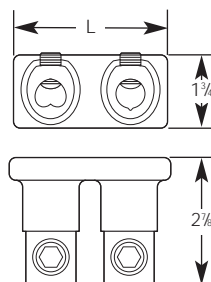
These connectors feature the Sweetheart® outlet configuration that nests two equal-sized service cables from #6 to 2/0 or two different-sized cables from #2 to 2/0, saving you outlet space and consequent cost. Unique cable outlets permit the use of streetlight wire either in original construction or as a later addition. Connectors are dual-rated, PVC insulated, supplied with insulating rockets and prefilled with oxide inhibitor.

Features	Benefits/Descriptions
Aluminum-Alloy Connector Construction	High strength and high conductivity. Dual-rated for use with copper or aluminum cable.
Standards Compliant	Exceed ANSI C119.1 and C119.4 requirements and are RUS Accepted.
All Connectors Are 100% Hi-Pot Tested at 4000V for 60 Seconds	Ensures that connectors are 100% watertight and molded correctly.

### Ordering Information for Flood-Seal® Mechanical Connectors

CAT. NO.	Cable Range Feeder Outlet S/L	Outlets	L
SHC 21	#6-350 #14 sol.-#6	2	3 1/4
SHC 22		2	3 1/4
SHC 121		3	5 1/4
SHC 212		3	5 1/4
SHC 2112		4	7
SHC 21212		5	8 1/2

NOTE: In catalog number, 1 designates outlet with streetlight (S/L) option;  
2 designates Sweetheart outlet.  
Sweetheart outlet nests two equal sized service cables from #6 to 2/0 or two different sized cables from #2 to 2/0.  
Feeder outlet houses cables from #6 to 350 kcmil (cable range when using a streetlight tap is 1/0 to 350 kcmil).

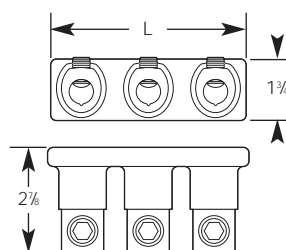


SHC 121

### Ordering Information for Flood-Seal® Mechanical Connectors with Streetlight Option

CAT. NO.	Cable Range	Outlets	L
SHC 2	#6-350	2	3 1/4
SHC 3		3	5 1/4
SHC 4		4	7
SHC 5		5	8 1/2
SHC 6		6	10 3/4
SHC 8		8	14 1/2

NOTE: All outlets are provided with insulating rocket sleeves, with one sleeve having the streetlight capability.  
Cable range is 1/0 to 350 kcmil when using a streetlight tap.



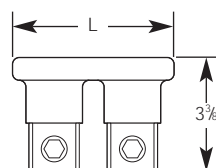
SHC 6



For EZ Torque® (shear-head screws) supplied in all outlets, add "-TS" suffix to the catalog number.

### Ordering Information for Flood-Seal® Mechanical 500 kcmil Connectors

CAT. NO.	Outlets	Wire Range	L
SHC 500-2	2	#2-500	3 1/2
SHC 500-3	3		6 1/4
SHC 500-4	4		8 1/2
SHC 500-5	5		10 1/2
SHC 500-6	6		12 1/2
SHC 500-8	8		17 1/2



SHC 500-4



# Aluminum Flood-Seal® Mechanical Connectors — 4/0 Series

Save outlet space and use streetlight wire.

Aluminum Flood-Seal Mechanical Connectors feature ball-bottom screws that support the widest conductor range and aid in breaking up aluminum oxides. Wide-range cable outlets permit the use of streetlight wire either in original construction or as a later addition. Sweetheart® connectors are dual-rated, PVC insulated, supplied with insulating rockets and prefilled with oxide inhibitor.

Homac's  
**Sweetheart®**

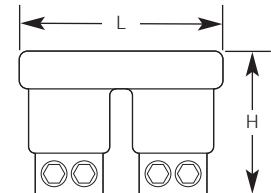
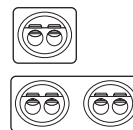


Features	Benefits/Descriptions
Dual-Rated	Use with a wide range of aluminum or copper cable.
Aluminum-Alloy Connector Construction	High strength and high conductivity.
Sweetheart Outlet Configuration	Doubles cable capacity and halves space requirements.
Single-Screw Design	All outlets sealed with Flood-Seal EPDM rockets.
Streetlight Option	Supports the use of streetlight wire (#14 to #4 AWG).
Standards Compliant	Exceed ANSI C119.1 and C119.4 requirements and Western Underground Committee Guidelines and are RUS Accepted.
All Connectors Are 100% Hi-Pot Tested at 4000V for 60 Seconds	Ensures that connectors are 100% watertight and molded correctly.

## Ordering Information for 4/0 Outlets

CAT. NO.	Wire Range	L	H
SHC 240	#4-4/0	2 <sup>3</sup> / <sub>8</sub>	3 <sup>3</sup> / <sub>8</sub>
SHC 440		4 <sup>5</sup> / <sub>8</sub>	

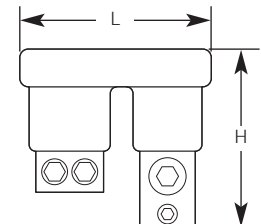
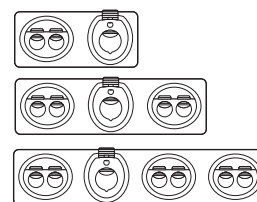
End View of Outlets



## Ordering Information for 4/0 Outlets with 500 kcmil Feeder

CAT. NO.	Wire Range	L	H
SHC 500-240 SL	Tap #4-4/0, Feeder #2-500, S/L #14-#4	4 <sup>1</sup> / <sub>2</sub>	4 <sup>1</sup> / <sub>2</sub>
SHC 500-440 SL		6 <sup>3</sup> / <sub>4</sub>	
SHC 500-640 SL		9 <sup>1</sup> / <sub>8</sub>	

Top View of Outlets

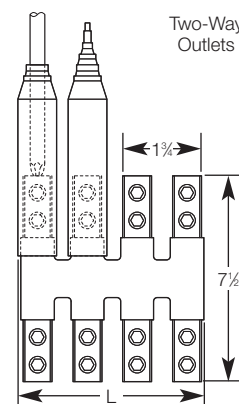
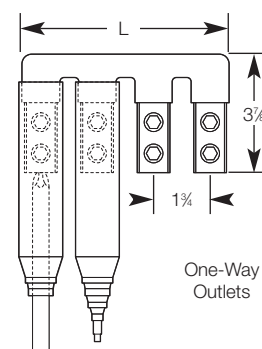


# Aluminum Flood-Seal® Twin-Screw Mechanical Connectors

For direct burial or above-ground pedestal installation.



Features	Benefits/Descriptions
Flood-Seal Insulating Rockets	Field tested in more than 10 million applications.
All Connectors Are 100% Hi-Pot Tested at 4000V for 60 Seconds	Ensures that connectors are 100% watertight and molded correctly.
Prefilled with Oxide Inhibitor	Prevents oxidation and keeps out moisture.
Ball-Bottom Screws	Support the widest conductor range and aid in breaking up aluminum oxides.
Aluminum-Alloy Connector Construction	High strength and high conductivity.
Dual-Rated	Accept a wide range of copper or aluminum conductors.
Standards Compliant	Exceed ANSI C119.1 and C119.4 requirements as well as Western Underground Committee Guidelines.



## Ordering Information for 350 kcmil Series

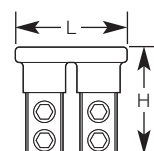
One-Way CAT. NO.	Outlets One-Way	Two-Way CAT. NO.	Outlets Two-Way	Length	Cable Range
UH 2 R	2	UH 22 R	4	3%	#6-350
UH 3 R	3	UH 33 R	6	5%	
UH 4 R	4	UH 44 R	8	7%	
UH 5 R	5	UH 55 R	10	8%	
UH 6 R	6	UH 66 R	12	10%	
UH 8 R	8	UH 88 R	16	14%	



For EZ Torque® (shear-head screws) supplied in all outlets, add "-TS" suffix to the catalog number.

## Ordering Information for 500 kcmil Series

CAT. NO.	Wire Range	Outlets	L	H
UH 500-2 R	#2-500	2	3%	4%
UH 500-3 R		3	6%	
UH 500-4 R		4	8%	
UH 500-5 R		5	10%	
UH 500-6 R		6	12%	
UH 500-8 R		8	17%	



UH 500-4 R

# Aluminum Flood-Seal® Twin-Screw Mechanical Connectors — UH 750 Series

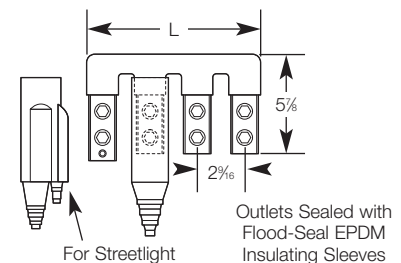


Versatile for direct burial or above-ground pedestals.

Features	Benefits/Descriptions
Flood-Seal Insulating Rockets	Field tested in more than 10 million applications.
All Connectors Are 100% Hi-Pot Tested at 4000V for 60 Seconds	Ensures that connectors are 100% watertight and molded correctly.
Patented Streetlight Outlet Option	Wide-range cable outlets support the use of streetlight wire.
Prefilled with Oxide Inhibitor	Prevents oxidation and keeps out moisture.
Aluminum-Alloy Connector Construction	High strength and high conductivity.
Dual-Rated	Accept a wide range of copper or aluminum conductors.
Standards Compliant	Exceed ANSI C119.1 and C119.4 requirements as well as Western Underground Committee Guidelines.

## Ordering Information for Submersible Connector with Streetlight Outlet

CAT. NO.	Outlets	Length	Cable Range
UH 750-4 SLR	4	9½	1/0-750, S/L #14-#2
UH 750-6 SLR	6	14½	



## Ordering Information for Dual-Outlet Connectors with Streetlight Port

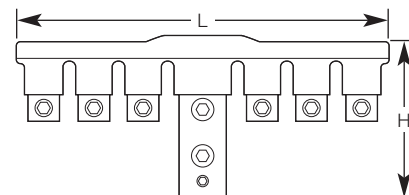
### 4/0 Outlets with 750 kcmil Feeder

CAT. NO.	Wire Range	Outlets	L	H
UH 750-240 SLR	Feeder 1/0-750, Tap #12-4/0, S/L #14-#4	(2) 4/0 (1) 750	5½	5½
UH 750-440 SLR		(4) 4/0 (1) 750	8½	
UH 750-640 SLR		(6) 4/0 (1) 750	11½	



### 350 Outlets with 750 kcmil Feeder

CAT. NO.	Wire Range	Outlets	L	H
UH 750-235 SLR	Feeder 1/0-750, Tap #12-4/0, S/L #14-#4	(2) 350 (1) 750	5½	6
UH 750-435 SLR		(4) 350 (1) 750	9½	
UH 750-635 SLR		(6) 350 (1) 750	13½	



Feeder Outlet Has Patented S/L Port with Its Own Screw.

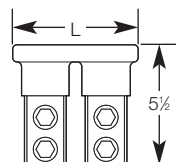
# Aluminum Flood-Seal® Twin-Screw Mechanical Connectors — UH 1000 Series

Twin screws double the reliability of ordinary set-screw connectors.

Features	Benefits/Descriptions
Flood-Seal Insulating Rockets	Field tested in more than 10 million applications. Serve as waterproof spare outlet caps until used as waterproof cable insulators.
All Connectors Are 100% Hi-Pot Tested at 4000V for 60 Seconds	Ensures that connectors are 100% watertight and molded correctly.
Prefilled with Oxide Inhibitor	Prevents oxidation and keeps out moisture.
Aluminum-Alloy Connector Construction	High strength and high conductivity.
Dual-Rated	Accept a wide range of copper or aluminum conductors.
Standards Compliant	Exceed ANSI C119.1 and C119.4 requirements as well as Western Underground Committee Guidelines.

## Ordering Information for Twin-Screw One-Way Configuration

CAT. NO.	Conductor Range	Outlets	Length
UH 1000-2 R	#2-1000	2	4 <sup>13</sup> / <sub>16</sub>
UH 1000-4 R		4	9 <sup>15</sup> / <sub>16</sub>
UH 1000-6 R		6	15
UH 1000-8 R		8	20 <sup>1</sup> / <sub>8</sub>



UH 1000-4 R

NOTE: For two-way configurations, please consult your Thomas & Betts representative.

## Ordering Information for Twin-Screw Two-Way Configuration

CAT. NO.	Conductor Range	Outlets
UH 1000-22 R	#2-1000	4
UH 1000-33 R		6
UH 1000-44 R		8
UH 1000-55 R		10
UH 1000-66 R		12
UH 1000-88 R		16



UH 1000-22 R

## Ordering Information for UH 1000 Series with 350 Services

CAT. NO.	Conductor Range	Outlets
UH 1000-21 R	Feeder #2-1000, Tap #6-350, SL #14-#6	3
UH 1000-222 R		6
UH 1000-242 R		8



UH 1000-242 R

# Aluminum Flood-Seal® Multi-Port Connectors — RAB Series

## High-performance, dual-rated connectors.



Features	Benefits/Descriptions
Flood-Seal Insulating Rockets	Serve as waterproof spare outlet caps until used. Rockets are also resealable.
6061-T6 Aluminum Connector Construction	Provides high strength and high conductivity.
All Connectors Are 100% Hi-Pot Tested at 4000V for 60 Seconds	Ensures that connectors are 100% watertight and molded correctly.
RAB 1/0 Series Offers Compact Design	Great for streetlight applications.
RUS Accepted	Approved by the federal government for utility use.

### Ordering Information for RAB 1/0 Series

CAT. NO.	Conductor Range	Outlets	Length
RAB 1/0-2	#14–1/0	2	1¼
RAB 1/0-3		3	2 <sup>39</sup> / <sub>64</sub>
RAB 1/0-4		4	3 <sup>1</sup> / <sub>16</sub>
RAB 1/0-5		5	4 <sup>3</sup> / <sub>32</sub>
RAB 1/0-6		6	5 <sup>1</sup> / <sub>8</sub>
RAB 1/0-7		7	5 <sup>31</sup> / <sub>32</sub>
RAB 1/0-8		8	6 <sup>19</sup> / <sub>16</sub>
RAB 1/0-9		9	7 <sup>21</sup> / <sub>32</sub>
RAB 1/0-10		10	8½
RAB 1/0-21		3	2 <sup>39</sup> / <sub>64</sub>
RAB 1/0-22		4	3 <sup>1</sup> / <sub>16</sub>
RAB 1/0-31		4	3 <sup>1</sup> / <sub>16</sub>
RAB 1/0-32		5	4 <sup>3</sup> / <sub>32</sub>
RAB 1/0-33		6	5 <sup>1</sup> / <sub>8</sub>
RAB 1/0-42		6	5 <sup>1</sup> / <sub>8</sub>



RAB 1/0-21

RAB 1/0-3

URD Connectors  
& Covers

NOTE: For oxide-inhibitor option, add "-C" suffix to the catalog number.

### Ordering Information for RAB 350 Series

CAT. NO.	Conductor Range	Outlets	Length
RAB 2	#12 sol.–350	2	2 <sup>7</sup> / <sub>16</sub>
RAB 3		3	3 <sup>3</sup> / <sub>8</sub>
RAB 4		4	4 <sup>19</sup> / <sub>16</sub>
RAB 5		5	6
RAB 6		6	7 <sup>1</sup> / <sub>8</sub>
RAB 8		8	9 <sup>9</sup> / <sub>16</sub>
RAB 10		10	11 <sup>15</sup> / <sub>16</sub>



RAB 6

NOTE: The RAB 350 Series comes standard with inward-seal rockets. For outward-seal rockets, please consult your Thomas & Betts representative.  
For oxide-inhibitor option, add "-C" suffix to the catalog number.



For EZ Torque® (shear-head screws) supplied in all outlets, add "-TS" suffix to the catalog number.

# Aluminum Flood-Seal® Multi-Port Connector — RAB and USB Series

Ideal for direct-burial, pedestal or vault installations.

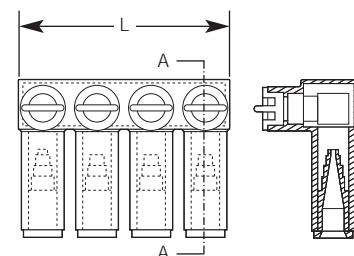


USB43S

Features	Benefits/Descriptions
Field-Adaptable Cable Sleeves	Enable installation on a wide range of conductor sizes.
Standard Aluminum Set Screws with $\frac{1}{8}$ " Socket Hex	Spread compressive forces over conductor strands, reduce strand damage, result in lower contact resistance and provide high set-screw torque retention.
Compact Design	Enables installation in limited spaces.
All Connectors Are 100% Hi-Pot Tested at 4000V for 60 Seconds	Ensures that connectors are 100% watertight and molded correctly.
Built Tough for Rugged Conditions	Tough enough to withstand rough handling in the field, has an excellent dielectric strength rating ( $>700V/mil$ ) and has excellent aging characteristics under continuous high operating temperatures (to $130^{\circ}C$ ).
All Connectors Have Oxide Inhibitor and Silicone Grease	Oxide inhibitor keeps out moisture, and grease makes installation easy and convenient.
Standards Compliant	Comply with ANSI C119.1 and C119.4 as well as Western Underground C.G. 2.5. RAB Series is RUS Accepted.

## Ordering Information for RAB 500 Series

CAT. NO.	Ports	Cable Range	Length	
			in.	mm
RAB 35	3	#12–500	4.5	114
RAB 45	4		6.0	152
RAB 55	5		7.5	191
RAB 65	6		9.0	229
RAB 85	8		12.0	305



## Ordering Information for USB 350 Series

CAT. NO.	Ports	Cable Range	Length	
			in.	mm
USB33S	3	#12–350	3.6	91
USB43S	4		4.7	121
USB53S	5		5.9	150
USB63S	6		7.1	179
USB83S	8		9.4	238



For EZ Torque® (shear-head screws) supplied in all outlets, add "-TS" suffix to the catalog number.

# Aluminum Flood-Seal® Multi-Port Connector — RXL Series

Universal use! Install in direct-burial, handhole, pedestal or vault applications.

RXL 4

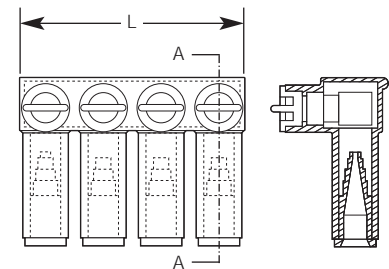


Features	Benefits/Descriptions
Wide Port Spacing	Makes installation easier.
Field-Adaptable Cable Sleeves	Enable installation on a wide range of conductor sizes.
Bars Constructed of 6061-T6 Aluminum Alloy	Provides high strength and high conductivity.
Standard Aluminum Set Screws with 5/16" Socket Hex	Spread compressive forces over conductor strands, reduce strand damage, result in lower contact resistance and provide high set-screw torque retention.
All Connectors Are 100% Hi-Pot Tested at 4000V for 60 Seconds	Ensure that connectors are 100% watertight and molded correctly.
Standards Compliant	Comply with ANSI C119.1 and C119.4 and Western Underground C.G. 2.5 and are RUS Listed.

URD Connectors  
& Covers

## Ordering Information for RXL 350 Series

CAT. NO.	Outlets	Cable Range	Length	
			in.	mm
RXL 3	3	#12–350	4.3	109
RXL 4	4		5.8	147
RXL 5	5		7.3	185
RXL 6	6		8.8	223
RXL 8	8		11.8	299



NOTE: For oxide inhibitor option, add "-C" suffix to the catalog number.



For EZ Torque® (shear-head screws) supplied in all outlets, add "-TS" suffix to the catalog number.

## Ordering Information for RXL 600 Series

CAT. NO.	Outlets	Cable Range
RXL 600-3	3	#6–600
RXL 600-4	4	
RXL 600-5	5	
RXL 600-6	6	
RXL 600-31	4	
RXL 600-22	4	
RXL 600-33	6	
RXL 600-42	6	

NOTE: For oxide inhibitor option, add "-C" suffix to the catalog number.



RXL 600-6



RXL 600-31



# Aluminum Flood-Seal® Multi-Port Connectors — RXM Series

The fully insulated and watertight connectors for direct-burial, handhole, pedestal and overhead applications.

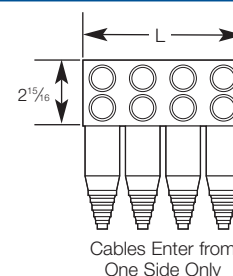
Features	Benefits/Descriptions
Flood-Seal EPDM Insulating Rockets	Field tested in more than 10 million applications.
6061-T6 Aluminum Connector Construction	Provides high strength and high conductivity.
Dual-Rated	Accept a wide range of copper or aluminum conductors, from #2 solid to 1000 kcmil.
Ball-Bottom Screws	Support the widest conductor range and aid in breaking up aluminum oxides.
EPDM Rubber Cap	Easy to find, prevents accidental removal and can be easily removed with pliers.
All Connectors Are 100% Hi-Pot Tested at 4000V for 60 Seconds	Ensures that connectors are 100% watertight and molded correctly.

## Ordering Information for Cable Entry One Side Only

CAT. NO.	Outlets	Length
RXM 2	2	3 $\frac{1}{16}$
RXM 4	4	7 $\frac{1}{4}$
RXM 6	6	10 $\frac{5}{16}$
RXM 8	8	14 $\frac{1}{2}$
RXM 10	10	18 $\frac{1}{8}$
RXM 12	12	21 $\frac{1}{4}$



RXM 4

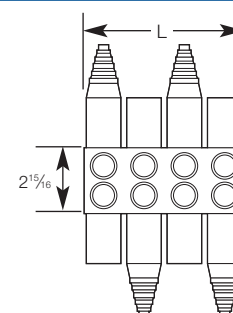


## Ordering Information for Cable Entry from Either Side

CAT. NO.	Outlets	Length
RXM 22	4	7 $\frac{1}{4}$
RXM 33	6	10 $\frac{5}{16}$
RXM 44	8	14 $\frac{1}{2}$
RXM 66	12	21 $\frac{1}{4}$



RXM 22



Example: RXM 22 accommodates a maximum of 4 cables, accessible from either side.

## Ordering Information for Custom Orders

CAT. NO.	Outlets	Length
RXM 31	4	7 $\frac{1}{4}$
RXM 42	6	10 $\frac{5}{16}$

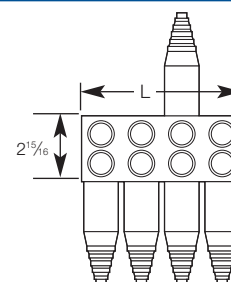
Order using first number (RXM 31) for outlets needed on one side and second number (RXM 31) for outlets needed on opposite side.

For configurations up to a total of 12 outlets, please consult your Thomas & Betts representative.

NOTE: For oxide-inhibitor option, add "-C" suffix to the catalog number.



RXM 31



# Aluminum Flood-Seal® 95 Series Service Entrance Connectors

Suitable for direct burial or installation in an enclosure.

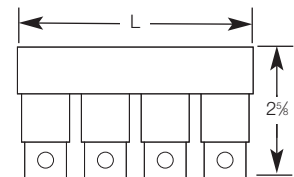


FS 95-6

Features	Benefits/Descriptions
Single-Hole Drilled	Ideal for residential applications.
Dual-Rated	Use with aluminum or copper lugs from #12 to 350 kcmil.
All Outlets and Lugs (See Kits Below) Approved for Full Cable Rating	Safe and reliable.
All Connectors Are 100% Hi-Pot Tested at 4000V for 60 Seconds	Ensures that connectors are 100% watertight and molded correctly.
RUS Accepted	Approved by the federal government for utility use.

## Ordering Information for 95 Series Service Entrance Connectors

CAT. NO.	Outlets	L
FS 95-2	2	2 1/4"
FS 95-3	3	4 1/4"
FS 95-4	4	5 3/4"
FS 95-5	5	7 1/4"
FS 95-6	6	8 3/4"
FS 95-7	7	10 1/4"
FS 95-8	8	11 1/4"
FS 95-9	9	13 1/4"
FS 95-10	10	14 1/4"



URD Connectors  
& Covers

# Flood-Seal® 95 Series Terminal Kits

Kits have insulating outlet sleeve or heat-shrink sleeve and lug.

Features	Benefits/Descriptions
Three Die Sets Install the Complete Range of Lugs, from #8 to 350 kcmil	Universal use.
Lugs Prefilled with Oxide-Inhibiting Compound and Capped	Prevent oxidation and keep out moisture.



CFB 350 CS

## Ordering Information for 95 Series Terminal Kits

Force-Fit Kit CAT. NO.	Heat-Shrink Kit CAT. NO.	Concentric	Compressed	Compact	Solid	Die Reference
CFG 8 CS	CFG 8 HS	#8	—	—	#6	1/2", BG, 687, 243, TU, 52, 8A
CFG 6 CS	CFG 6 HS	#6	#6	#6	—	
CFG 4 CS	CFG 4 HS	#4	#4	#4	—	
CFG 2 CS	CFG 2 HS	#2	#2	#2 & #1	#1	
CFG 1 CS	CFG 1 HS	#1	#1	1/0	1/0	
CFG 1/0 CS	CFG 1/0 HS	1/0	1/0	2/0	2/0	840, 324, 249, 658, TX, 76, 11A
CFK 1/0 CS	CFK 1/0 HS	1/0	1/0	2/0	2/0	
CFK 2/0 CS	CFK 2/0 HS	2/0	2/0	3/0	3/0	
CFK 3/0 CS	CFK 3/0 HS	3/0	3/0	4/0	4/0	
CFK 4/0 CS	CFK 4/0 HS	4/0	4/0	250	—	
CFK 250 CS	CFK 250 HS	250	250	300	—	1 1/2"-1, 299-655, 96, 13A, 321, 326
CFB 250 CS	CFB 250 HS	250	250	300	—	
CFB 300 CS	CFB 300 HS	300	300	350	—	
CFB 350 CS	CFB 350 HS	336.4-350	350	350	—	

NOTE: For a hex-headed bolt, add "-H" suffix to the catalog number.

Force-Fit Kit includes (1) dual-rated aluminum center-formed lug, (1) 3/8" Allen head mounting bolt, (1) Belleville washer and (1) insulating Flood-Seal® rocket.

Heat-Shrink Kit includes (1) dual-rated aluminum center-formed lug, (1) 3/8" Allen head mounting bolt, (1) Belleville washer and (1) heat-shrink tubing.

# Aluminum Flood-Seal® 125 Series Connectors

Choose one-way configuration  
or two-way configuration.

Features	Benefits/Descriptions
Dual-Rated	Use with aluminum or copper lugs from #12 to 500 kcmil.
Designed for Maximum Contact	Ensures cooler operation and more reliable joints.
Outlets Equipped with ½" Hex-Head Bolts with Captive Belleville Washers	Accept standard one- or two-hole NEMA aluminum or copper lugs.
All Connectors Are 100% Hi-Pot Tested at 4000V for 60 Seconds	Ensures that connectors are 100% watertight and molded correctly.
All Outlets Approved for Full Cable Rating	Safe and reliable.
Standards Compliant	All Flood-Seal connectors comply with ANSI C119.4.
RUS Accepted	Approved by the federal government for utility use.

## Ordering Information for One-Way Configuration

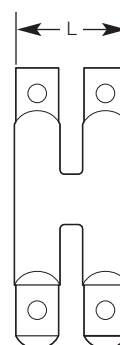
One-Bolt Design CAT. NO.	Two-Bolt Design CAT. NO.	Outlets	L
FS 2-125	FSN 2-125	2	3½"
FS 3-125	FSN 3-125	3	5"
FS 4-125	FSN 4-125	4	7¼"
FS 5-125	FSN 5-125	5	9"
FS 6-125	FSN 6-125	6	11"
FS 7-125	FSN 7-125	7	12½"
FS 8-125	FSN 8-125	8	14¼"
FS 9-125	FSN 9-125	9	16"
FS 10-125	FSN 10-125	10	18½"



## Ordering Information for Two-Way Configuration

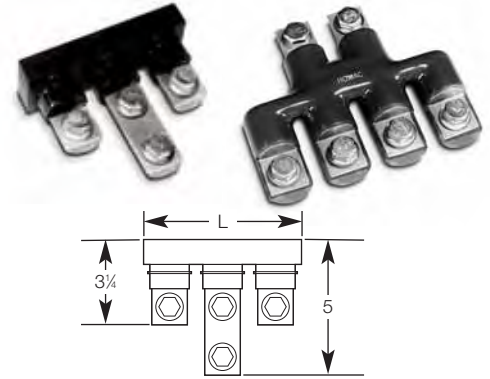
One-Bolt Design CAT. NO.	Two-Bolt Design CAT. NO.	Outlets	L
FS 11-48	FSN 11	2	1½"
FS 22-48	FSN 22	4	3"
FS 33-48	FSN 33	6	5"
FS 44-48	FSN 44	8	7"
FS 55-48	FSN 55	10	8"
FS 66-48	FSN 66	12	10"
FS 77-48	FSN 77	14	12"
FS 88-48	FSN 88	16	14"
FS 99-48	FSN 99	18	16"

NOTE: To order insulating sleeves for EPDM Two-Hole connectors, see page 76.  
Order lugs separately.



# Aluminum Flood-Seal® 125 Series Service Entrance Connectors — One- and Two-Hole Type

One-way connectors with rubber insulation or two-way connectors with PVC insulation for #8 to 500 kcmil cable.

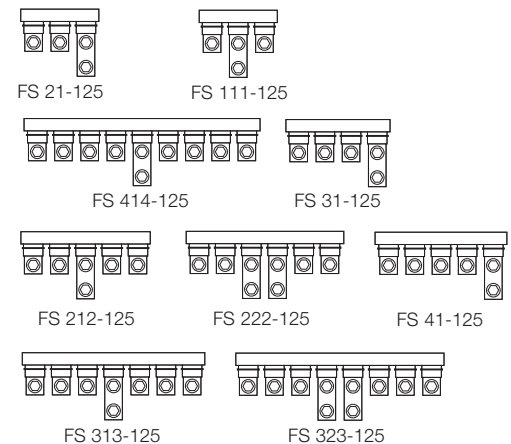


Features	Benefits/Descriptions
Designed for Maximum Contact	Ensures cooler operation and more reliable joints.
Outlets Equipped with 1/2" Hex-Head Bolts with Captive Belleville Washers	Accept standard one- or two-hole NEMA aluminum or copper lugs.
All Outlets Approved for Full Cable Rating	Safe and reliable.
All Connectors Are 100% Hi-Pot Tested at 4000V for 60 Seconds	Ensures that connectors are 100% watertight and molded correctly.
Standards Compliant	All Flood-Seal connectors meet or exceed ANSI C119.4.
RUS Accepted	Approved by the federal government for utility use.

## Ordering Information for EPDM-Insulated, One-Way Configuration

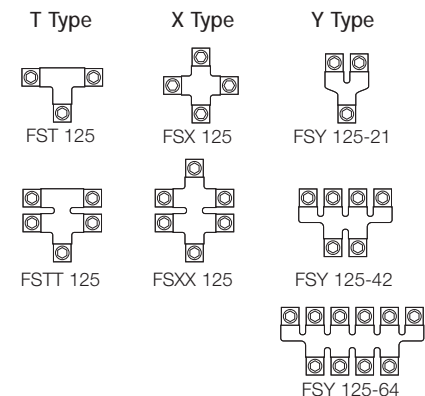
CAT. NO.	Outlets	L
FS 21-125	3	5 3/4"
FS 111-125	3	5 3/4"
FS 414-125	9	16 3/4"
FS 31-125	4	7 3/4"
FS 212-125	5	9 3/4"
FS 222-125	6	11"
FS 41-125	5	9 3/4"
FS 313-125	7	12 3/4"
FS 323-125	8	14 3/4"

NOTE: To order insulating sleeves for EPDM One-Way Connectors, see page 76.



## Ordering Information for PVC-Insulated, Two-Way Configuration

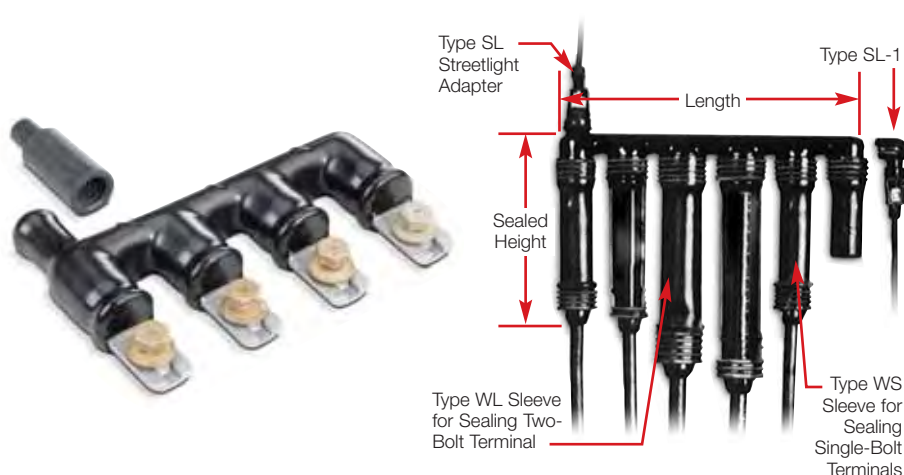
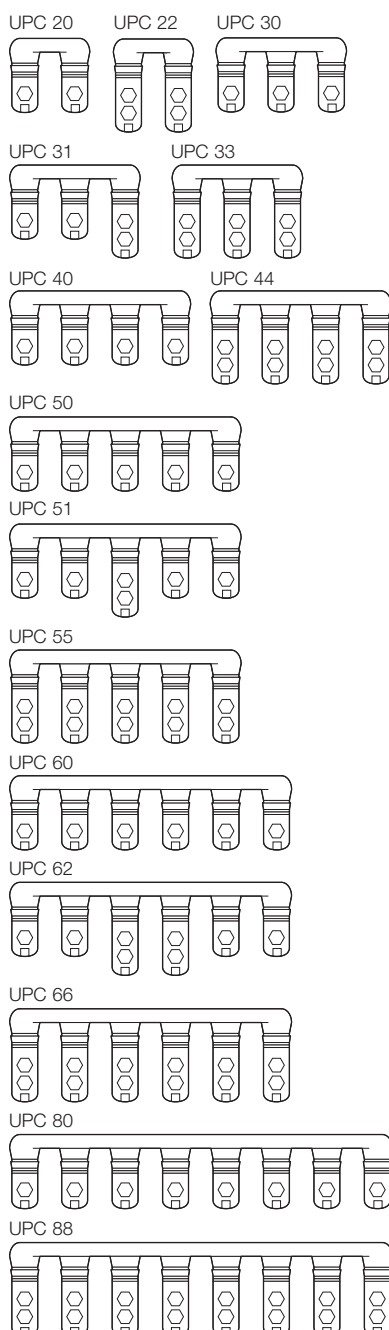
CAT. NO.	Outlets
FST 125	3
FSTT 125	5
FSX 125	4
FSXX 125	6
FSY 125-21	3
FSY 125-42	6
FSY 125-64	10



# Flood-Seal® Bus Connectors

Get the port and terminal options you need for pedestal, vault, handhole or direct-burial applications.

Features	Benefits/Descriptions
Flood-Seal EPDM Sleeves	Patented, waterproof O-ring sealing system. Type WS sleeve seals single-bolt terminals and Type WL sleeve seals two-bolt terminals.
Indent on Terminals	Mate with boss on compression lugs to prevent lugs from rotating.
All Connectors Are 100% Hi-Pot Tested at 4000V for 60 Seconds	Ensures that connectors are 100% watertight and molded correctly.



## Ordering Information for Flood-Seal® Bus Connectors

CAT. NO.	No. of Ports	2-Bolt Large Term.	1-Bolt Small Term.	Dimensions in. (mm)	
				Length	Height with Sleeve
UPC 20	2	0	2	3.3 (84)	6.5 (165)
UPC 22	2	2	0	3.8 (97)	8.8 (222)
UPC 30	3	0	3	5.2 (132)	6.5 (165)
UPC 31	3	1	2	5.3 (135)	8.8 (222)
UPC 33*	3	3	0	5.9 (151)	8.8 (222)
UPC 40	4	0	4	7.1 (179)	6.5 (165)
UPC 41	4	1	3	7.3 (186)	8.8 (222)
UPC 42	4	2	2	7.6 (192)	8.8 (222)
UPC 44*	4	4	0	8.1 (205)	8.8 (222)
UPC 50	5	0	5	8.9 (227)	6.5 (165)
UPC 51	5	1	4	9.2 (233)	8.8 (222)
UPC 52	5	2	3	9.4 (240)	8.8 (222)
UPC 55*	5	5	0	10.2 (259)	8.8 (222)
UPC 60	6	0	6	10.8 (248)	6.5 (165)
UPC 61	6	1	5	11.1 (281)	8.8 (222)
UPC 62	6	2	4	11.3 (287)	8.8 (222)
UPC 66*	6	6	0	12.3 (312)	8.8 (222)
UPC 80	8	0	8	14.6 (370)	6.5 (165)
UPC 81	8	1	7	14.8 (376)	8.8 (222)
UPC 88*	8	8	0	16.6 (421)	8.8 (222)

\* For streetlight adapter option, add "-SL-1" suffix to catalog number.

NOTE: Maximum size conductor — single bolt: 350 kcmil; double bolt: 500 kcmil.  
For compression lugs, see pages 6–20 and 32–36.

## Submersible Streetlight Connectors

Great for pedestal, vault, light pole base or direct-burial jobs.



USL 11

Features	Benefits/Descriptions
Rated for 600V, 100A	Built for heavy-duty loads; helps bring power to nearly all types of streetlights.
All Connectors Are 100% Hi-Pot Tested at 4000V for 60 Seconds	Ensures that connectors are 100% watertight and molded correctly.
Dual-Rated	Approved for #12 solid through #4 stranded aluminum or copper connections.

### Ordering Information for Submersible Streetlight Connectors

CAT. NO.	Ports	Width in.	Height w/ Sleeve in.	Screw Type
USL 11	2	—	6.3	Slotted
USL 30	3	3.6	3.1	Slotted
USL 11 H	2	—	5.3	Hex-Socket
USL 30 H	3	3.6	3.1	Hex-Socket

NOTE: For contour-plated set-screw option that does not damage the conductor when tightened down, add "-H" suffix to the catalog number.

## Streetlight Adapter

Connect your small conductors to a Squid® bus junction.



Features	Benefits/Descriptions
356-T6 Aluminum Connector Construction	Provides high strength and high conductivity.
Dual-Rated for Small Conductors	Connect #10 solid through #4 stranded cables to a standard Squid® bus junction.

### Ordering Information for Streetlight Adapter

CAT. NO.	Description
SLA 1	Streetlight Adapter

NOTE: For compression lugs, see pages 6–20 and 32–36.



# Aluminum Flood-Seal® 175 Series Connectors

## High-conductivity aluminum connectors.

Features	Benefits/Descriptions
EPDM Rubber Insulation	Precision molded for uniform quality.
Connector Made of Extruded High-Conductivity Electrolytic Aluminum	Adds dimensional stability.
All Connectors Are 100% Hi-Pot Tested at 4000V for 60 Seconds	Ensures that connectors are 100% watertight and molded correctly.



### Accessories

— sold separately



AL-NTN series aluminum lugs, 1/0 to 2000 kcmil. See page 8.



FS 1175 Flood-Seal EPDM rubber insulating sleeve covers the entire conductor range. Use the Flood-Seal 175 Dual Adapter Kit (page 80) for two conductors per outlet.



### Ordering Information for Aluminum 175 Series

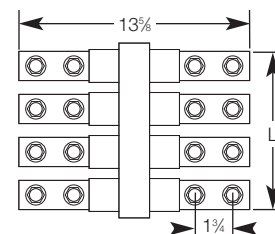
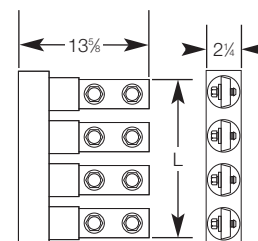
#### One-Way Configuration

CAT. NO.	Outlets	L
FS 175-2	2	6
FS 175-3	3	9
FS 175-4	4	12
FS 175-5	5	15
FS 175-6	6	18
FS 175-7	7	21
FS 175-8	8	24

#### Two-Way Configuration

CAT. NO.	Outlets	L
FS 22-175	4	6
FS 33-175	6	9
FS 44-175	8	12
FS 55-175	10	15
FS 66-175	12	18
FS 88-175	16	24
FS 1010-175	20	27
FS 1212-175	24	30

NOTE: For special applications or a greater number of outlets, please consult your Thomas & Betts representative.



## Squid® Sealing Sleeves

### Make seals without tape, compound or heat source.



Features	Benefits/Descriptions
EPDM Rubber Sealing Sleeve	Grips the conductor insulation on one end and seals onto the insulated bus on the other end.
Sleeves Provided with Plug Installed	Can be used as terminal covers.
SC Adapter Available	Perfect to use when #2 compact standard 600V underground service entrance cable has an insulation outer diameter less than 0.390".

### Ordering Information for Squid® Sealing Sleeves

CAT. NO.	For Use On	Sealing Range (Cond. O.D. Over Insulation)	Length in.
WS 2 P	Single-Bolt UPC, SCU	.4-.9	6 1/8
WL 2 P	Two-Bolt UPC, UPB, SCU	.4-.9	8 1/8
WL 3 P	UPC, UPB, SCU	.5-1.2	8 1/8
WB 20 P	UB	.4-.9	5 1/8
SC	Small Conductor Adapter for WS, WL 2 and WB Sleeves	.2-.4	—
WHB 3 P	UBC Bus (large terminal)	.5-1.3	7 1/8
SPL 6	Squid Type WL Sleeves, for #6 Stranded through 4/0 Connections	.6-.7	—





# Copper Flood-Seal® 175 Series Connectors

EPDM rubber-insulated copper connectors for commercial or industrial installations!



Features	Benefits/Descriptions
EPDM Rubber Insulation	Precision molded for uniform quality.
Accommodates Limiter Terminals	Limiter terminals may also be terminated at Flood-Seal Connectors.
Hardware Included	Ready for use. All outlets approved for full cable rating.
All Connectors Are 100% Hi-Pot Tested at 4000V for 60 Seconds	Ensures that connectors are 100% watertight and molded correctly.

Accessory — sold separately



FS 1175 Flood-Seal EPDM rubber insulating sleeve covers the entire conductor range. Use the Flood-Seal 175 Dual Adapter Kit (page 80) for two conductors per outlet.

URD Connectors  
& Covers



## Ordering Information for Copper 175 Series

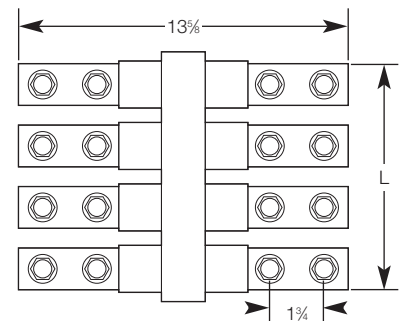
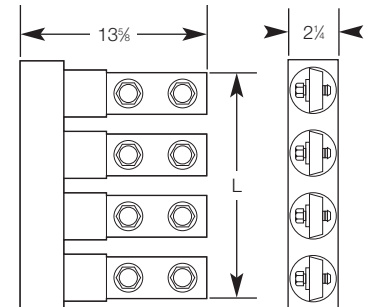
### One-Way Configuration

CAT. NO.	Outlets	L
FS 175-2 CU	2	6
FS 175-3 CU	3	9
FS 175-4 CU	4	12
FS 175-5 CU	5	15
FS 175-6 CU	6	18
FS 175-7 CU	7	21
FS 175-8 CU	8	24

### Two-Way Configuration

CAT. NO.	Outlets	L
FS 22-175 CU	4	6
FS 33-175 CU	6	9
FS 44-175 CU	8	12
FS 55-175 CU	10	15
FS 66-175 CU	12	18
FS 88-175 CU	16	24
FS 1010-175 CU	20	27
FS 1212-175 CU	24	30

NOTE: For special applications or a greater number of outlets, please consult your Thomas & Betts representative.



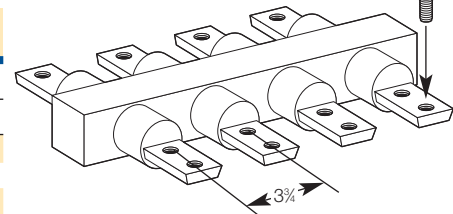
# Flood-Seal® 175 Series Bus Connectors

Rubber insulation ensures a watertight connection.

Features	Benefits/Descriptions
Outlets Equipped with ½" 13 UNC Hex-Head Screws with Captive Belleville Washers	Accept two-hole NEMA aluminum or copper compression lugs.
All Connectors are 100% Hi-Pot Tested at 4000V for 60 Seconds	Ensures that connectors are 100% watertight and molded correctly.



½" 13 UNC Hex-Head Screw with Captive Belleville Washer



FS 1175 Flood-Seal® EPDM rubber insulating sleeve covers the entire conductor range. Order separately — please consult your Thomas & Betts representative.

## Ordering Information for 175 Series Bus Connectors

FXL 175 Aluminum Series — for Two-Hole NEMA Lugs up to 1000 kcmil

CAT. NO.	Outlets
FXL 22-175	4
FXL 33-175	6
FXL 44-175	8
FXL 66-175	12

FXL 175 Copper Series — for Two-Hole NEMA Lugs up to 1000 kcmil

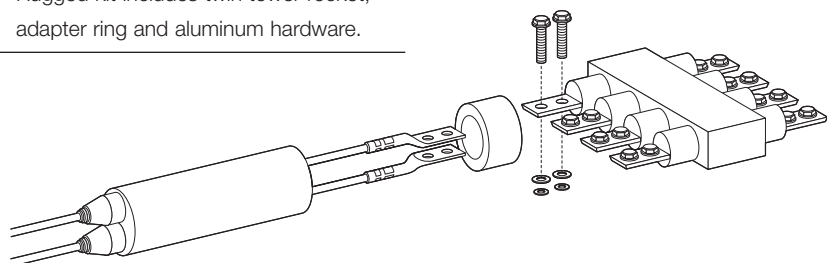
FXL 22-175 CU	4
FXL 33-175 CU	6
FXL 44-175 CU	8
FXL 66-175 CU	12

URD Connectors & Covers

# Flood-Seal® 175 Dual Adapter Kit

Adapter kit enables installer to pull two connections off one leg.

Features	Benefits/Descriptions
Ready for Use	Rugged kit includes twin tower rocket, adapter ring and aluminum hardware.



## Ordering Information for 175 Dual Adapter Kit

CAT. NO.	Description
FS 175 DPK	175 Dual Adapter Kit

NOTE: Connector not included.

## QUICK REFERENCE

Above-Ground  
Pedestal Connectors  
& Covers

page(s)

Pedestal Connectors . . . . . 82–85

Aluminum Cable Blocks . . . 86–87

Aluminum Pedestal  
Connectors & Covers . . . . . 88
 **HOMAC®**
 **Blackburn®**
Above-Ground Pedestal  
Connectors & Covers

## Install or remove cables in confined areas without the aggravation.

Forcing cables into closed ports on mechanical connectors is no picnic. Homac® above-ground pedestal connectors and covers come in a variety of models designed to minimize your installation time.

# Aluminum Lay-In Pedestal Connectors

Effortlessly install or remove large, stiff cables in confined areas.

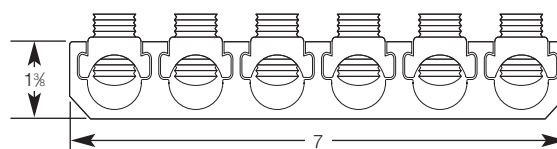


Features	Benefits/Descriptions
Cables Are Easily Placed into the Keeper Slot	Minimizes the hassle and hazards of having to force cables into the closed cable ports found on conventional mechanical connectors. You save time and labor.
Require Only a Cable Stripper and Allen Hex Wrench	No crimping tools or dies or other special tools are needed for installation.
Dual-Rated	Use with aluminum or copper cable.
Ball-Bottom Screws	Ensure even force distribution in the cable/connector interface.

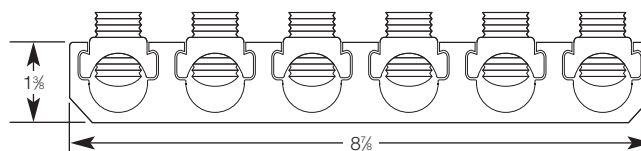
## Ordering Information for ABCK Series

CAT. NO.	Conductor Range	Outlets
ABCK 6350	#6-350	6
ABCK 6600	#2-600	
ABCK 6600 DS*	#2-600	

\* "-DS" suffix indicates double set screws.



ABCK 6350



ABCK 6600

# Aluminum Set-Screw Bar Pedestal Connectors — Single-Line Bar

Available with up to eight outlets for aluminum or copper conductors.

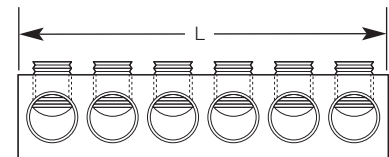


ABC 4350

Features	Benefits/Descriptions
Dual-Rated	Accepts aluminum or copper conductors.
Ball-Bottom Screws	Ensure maximum conductor contact pressure. Also break up interstrand oxides.
Standards Compliant	Meets or exceeds ANSI C119.4 specifications.

## Ordering Information for Single-Line Bar

CAT. NO.	Outlets	Length	Boot Number	Cable Range
ABC 240	2	1 <sup>11</sup> / <sub>16</sub>	BB 10	#6–250
ABC 340	3	2 <sup>3</sup> / <sub>16</sub>	BB 10	
ABC 440	4	3 <sup>3</sup> / <sub>16</sub>	BB 10	
ABC 540	5	4 <sup>5</sup> / <sub>16</sub>	BB 11	
ABC 640	6	5 <sup>3</sup> / <sub>16</sub>	BB 11	
ABC 740	7	6 <sup>1</sup> / <sub>16</sub>	BB 12	
ABC 840	8	6 <sup>15</sup> / <sub>16</sub>	BB 12	#12–350
ABC 2350	2	2	BB 10	
ABC 3350	3	3	BB 10	
ABC 4350	4	4	BB 10	
ABC 5350	5	5	BB 11	
ABC 6350	6	6	BB 11	
ABC 7350	7	7	BB 12	#6–500
ABC 8350	8	8	BB 12	
ABC 2500	2	2 <sup>1</sup> / <sub>16</sub>	BB 10	
ABC 3500	3	3 <sup>3</sup> / <sub>16</sub>	BB 10	
ABC 4500	4	4 <sup>1</sup> / <sub>16</sub>	BB 11	
ABC 5500	5	5 <sup>5</sup> / <sub>16</sub>	BB 11	
ABC 6500	6	6 <sup>1</sup> / <sub>16</sub>	BB 12	1/0–750
ABC 7500	7	7 <sup>7</sup> / <sub>16</sub>	BB 14	
ABC 8500	8	8 <sup>8</sup> / <sub>16</sub>	BB 14	
ABC 2750	2	2 <sup>3</sup> / <sub>4</sub>	BB 10	
ABC 3750	3	4 <sup>3</sup> / <sub>16</sub>	BB 13	
ABC 4750	4	5 <sup>5</sup> / <sub>16</sub>	BB 13	
ABC 5750	5	7	BB 12	
ABC 6750	6	8 <sup>3</sup> / <sub>16</sub>	BB 14	
ABC 7750	7	9 <sup>1</sup> / <sub>16</sub>	BB 15	
ABC 8750	8	11 <sup>1</sup> / <sub>16</sub>	BB 15	



NOTE: For oxide-inhibitor option, add “-C” suffix to the catalog number.  
For streetlight-outlet option, add “-SL” suffix to the catalog number.  
For insulating covers, see page 88.  
For special applications, please consult your Thomas & Betts representative.



For EZ Torque® (shear-head screws) supplied in all outlets, add “-TS” suffix to the catalog number.

# Aluminum Set-Screw Bar Pedestal Connectors — Double-Row Bar

High-strength aluminum alloy maintains constant bolting pressure on conductors.



Features	Benefits/Descriptions
Dual-Rated	Accepts aluminum or copper conductors.
Ball-Bottom Screws	Ensure maximum conductor contact pressure. Also break up interstrand oxides.
Standards Compliant	Meets or exceeds ANSI C119.4 specifications.

## Ordering Information for Double-Row Bar

CAT. NO.	Outlets	Length	Width	Boot Number	Cable Range
ABC 40-22	4	1 $\frac{1}{8}$	2	BB 17	#6-250
ABC 40-33	6	2 $\frac{1}{8}$	2	BB 17	
ABC 40-44	8	3 $\frac{1}{8}$	2	FB 33*	
ABC 350-22	4	2 $\frac{1}{8}$	2 $\frac{1}{2}$	BB 17	#12-350
ABC 350-33	6	3	2 $\frac{1}{2}$	FB 33*	
ABC 350-44	8	3 $\frac{1}{2}$	2 $\frac{1}{2}$	FB 33*	
ABC 500-22	4	2 $\frac{1}{8}$	2 $\frac{1}{2}$	FB 33*	#6-500
ABC 500-33	6	3 $\frac{1}{8}$	2 $\frac{1}{2}$	FB 33*	
ABC 500-44	8	4 $\frac{1}{8}$	2 $\frac{1}{2}$	—**	
ABC 750-22	4	2 $\frac{1}{4}$	3 $\frac{1}{4}$	—**	1/0-750
ABC 750-33	6	4 $\frac{1}{8}$	3 $\frac{1}{4}$	—**	
ABC 750-44	8	5 $\frac{1}{8}$	3 $\frac{1}{4}$	—**	

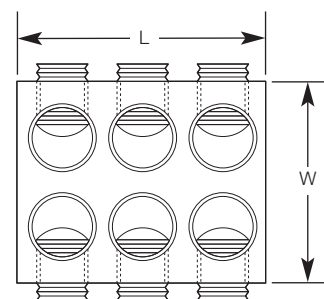
\* EPDM Flexi-Boot, see page 88.

\*\* For other insulating covers, please consult your Thomas & Betts representative.

NOTE: For oxide-inhibitor option, add "-C" suffix to the catalog number.

For streetlight-outlet option, add "-SL" suffix to the catalog number.

For special applications, please consult your Thomas & Betts representative.





# Aluminum Pedestal Connectors

Insulated and uninsulated pedestal connectors with up to 10 outlets.

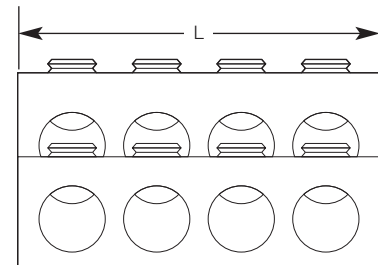
ZVB 5053



Features	Benefits/Descriptions
Compact Zeebar® Design	Doubles cable capacity.
ZVB Series Features Clear PVC Encapsulation	Enables safe installations and disconnects — and provides insulation.
Easy to Install	All screws are on top, and a 5/16" hex wrench is all you need.
Dual-Rated	Accepts aluminum or copper conductors.
Ball-Bottom Screws	Ensure maximum conductor contact pressure. Also break up interstrand oxides.
Standards Compliant	Meets or exceeds ANSI C119.4 specifications.

## Ordering Information for Insulated & Uninsulated Pedestal Connectors

Insulated CAT. NO.	Uninsulated CAT. NO.	Outlets	L	Cable Range
ZVB 2023	ZBC 2023	4	2¼	#12–350
ZVB 3033	ZBC 3033	6	3¼	
ZVB 4043	ZBC 4043	8	4¼	
ZVB 5053	ZBC 5053	10	5¼	
ZVB 2025	ZBC 2025	4	2⅞	#6–500
ZVB 3035	ZBC 3035	6	3⅞	
ZVB 4045	ZBC 4045	8	4⅞	
ZVB 5055	ZBC 5055	10	5⅞	



Above-Ground Pedestal  
Connectors & Covers

NOTE: For oxide-inhibitor option, add "-C" suffix to the catalog number.  
For a kit containing 1 uninsulated and 2 insulated connectors, add "-K" suffix to the catalog number.




# Aluminum Multi-Tap Encapsulated Cable Blocks — One-Way Configuration

These dual-rated blocks can be used with copper or aluminum cable.



CSB 250-5 S

Features	Benefits/Descriptions
Versatile Design	Wide range of cable sizes and number of outlets available in one-way configurations.
Clear PVC Insulation	Safe and time-saving installation with no taping required.
Standards Compliant 	UL Listed. Meets or exceeds ANSI C119.4 specifications.

## Ordering Information for One-Way Configuration

CAT. NO.	No. of Outlets	Wire Range	Screw Size	Dimensions (in.)		
				Length	Width	Height
CSB 4-2 S	2	#4-#14	Slotted	1 $\frac{1}{8}$	1 $\frac{5}{8}$	1 $\frac{1}{8}$
CSB 4-3 S	3			1 $\frac{1}{8}$		
CSB 4-4 SAH*	4			2 $\frac{1}{8}$		
CSB 4-5 S	5			2 $\frac{3}{8}$		
CSB 4-6 S	6			3 $\frac{1}{8}$		
CSB 4-7 S	7			3 $\frac{3}{8}$		
CSB 4-8 SAH*	8			4 $\frac{1}{8}$		
CSB 2/0-2 S	2	2/0-#14	$\frac{5}{16}$ Hex	1 $\frac{1}{8}$	1 $\frac{1}{4}$	1 $\frac{1}{8}$
CSB 2/0-3 S	3			2 $\frac{1}{8}$		
CSB 2/0-4 S	4			3 $\frac{1}{8}$		
CSB 2/0-5 S	5			3 $\frac{3}{8}$		
CSB 2/0-6 S	6			4 $\frac{1}{8}$		
CSB 2/0-7 S	7			5 $\frac{1}{8}$		
CSB 2/0-8 S	8			6 $\frac{1}{8}$		
CSB 250-2 S	2	250-#6	$\frac{5}{16}$ Hex	1 $\frac{1}{8}$	2 $\frac{5}{8}$	2 $\frac{1}{8}$
CSB 250-3 S	3			2 $\frac{27}{32}$		
CSB 250-4 S	4			3 $\frac{1}{16}$		
CSB 250-5 S	5			4 $\frac{25}{32}$		
CSB 250-6 S	6			5 $\frac{1}{4}$		
CSB 250-7 S	7			6 $\frac{1}{4}$		
CSB 250-8 S	8			7 $\frac{45}{64}$		
CSB 350-2 S	2	350-#10	$\frac{5}{16}$ Hex	2 $\frac{1}{4}$	3 $\frac{1}{8}$	2 $\frac{1}{2}$
CSB 350-3 S	3			3 $\frac{1}{4}$		
CSB 350-4 S	4			4 $\frac{1}{4}$		
CSB 350-5 S	5			5 $\frac{1}{4}$		
CSB 350-6 S	6			6 $\frac{1}{4}$		
CSB 350-7 S	7			7 $\frac{1}{4}$		
CSB 350-8 S	8			8 $\frac{1}{4}$		
CSB 500-2 S	2	500-#6	$\frac{5}{16}$ Hex	2 $\frac{7}{8}$	3 $\frac{3}{8}$	2 $\frac{3}{4}$
CSB 500-3 S	3			4 $\frac{1}{8}$		
CSB 500-4 S	4			5 $\frac{1}{8}$		
CSB 500-5 S	5			6 $\frac{1}{8}$		
CSB 500-6 S	6			7 $\frac{1}{8}$		
CSB 500-7 S	7			9 $\frac{1}{8}$		
CSB 500-8 S	8			10 $\frac{1}{8}$		

\* Not UL Listed, includes hex screw.

# Aluminum Multi-Tap Encapsulated Cable Blocks — Two-Way Configuration

These dual-rated blocks can be used with copper or aluminum cable.



CSB 500-8

Features	Benefits/Descriptions
Versatile Design	Wide range of cable sizes and number of outlets available in one-way configurations.
Clear PVC Insulation	Safe and time-saving installation with no taping required.
Standards Compliant	UL Listed. Meets or exceeds ANSI C119.4 specifications.

## Ordering Information for Two-Way Configuration

CAT. NO.	No. of Outlets	Wire Range	Screw Size	Dimensions (in.)		
				Length	Width	Height
CSB 4-2	2	#4-#14	Slotted	1 <sup>1</sup> / <sub>8</sub>	1 <sup>1</sup> / <sub>8</sub>	1 <sup>1</sup> / <sub>8</sub>
CSB 4-3	3			1 <sup>1</sup> / <sub>16</sub>		
CSB 4-4	4			2 <sup>1</sup> / <sub>16</sub>		
CSB 4-5	5			2 <sup>3</sup> / <sub>16</sub>		
CSB 4-6	6			3 <sup>1</sup> / <sub>16</sub>		
CSB 4-7	7			3 <sup>3</sup> / <sub>16</sub>		
CSB 4-8	8			4 <sup>1</sup> / <sub>16</sub>		
CSB 2/0-2	2	2/0-#14	<sup>3</sup> / <sub>16</sub> Hex	1 <sup>1</sup> / <sub>8</sub>	1 <sup>1</sup> / <sub>4</sub>	1 <sup>1</sup> / <sub>8</sub>
CSB 2/0-3	3			2 <sup>3</sup> / <sub>8</sub>		
CSB 2/0-4	4			3 <sup>1</sup> / <sub>8</sub>		
CSB 2/0-5	5			3 <sup>3</sup> / <sub>8</sub>		
CSB 2/0-6	6			4 <sup>1</sup> / <sub>8</sub>		
CSB 2/0-7	7			5 <sup>1</sup> / <sub>8</sub>		
CSB 2/0-8	8			6 <sup>1</sup> / <sub>8</sub>		
CSB 250-2	2	250-#6	<sup>5</sup> / <sub>16</sub> Hex	1 <sup>1</sup> / <sub>8</sub>	2 <sup>5</sup> / <sub>8</sub>	2 <sup>1</sup> / <sub>8</sub>
CSB 250-3	3			2 <sup>27</sup> / <sub>32</sub>		
CSB 250-4	4			3 <sup>13</sup> / <sub>16</sub>		
CSB 250-5	5			4 <sup>25</sup> / <sub>32</sub>		
CSB 250-6	6			5 <sup>1</sup> / <sub>8</sub>		
CSB 250-7	7			6 <sup>3</sup> / <sub>4</sub>		
CSB 250-8	8			7 <sup>45</sup> / <sub>64</sub>		
CSB 350-2	2	350-#10	<sup>3</sup> / <sub>8</sub> Hex	2 <sup>1</sup> / <sub>4</sub>	3 <sup>1</sup> / <sub>8</sub>	2 <sup>1</sup> / <sub>2</sub>
CSB 350-3	3			3 <sup>1</sup> / <sub>4</sub>		
CSB 350-4	4			4 <sup>1</sup> / <sub>4</sub>		
CSB 350-5	5			5 <sup>1</sup> / <sub>4</sub>		
CSB 350-6	6			6 <sup>1</sup> / <sub>4</sub>		
CSB 350-7	7			7 <sup>1</sup> / <sub>4</sub>		
CSB 350-8	8			8 <sup>1</sup> / <sub>4</sub>		
CSB 500-2	2	500-#6	<sup>3</sup> / <sub>8</sub> Hex	2 <sup>1</sup> / <sub>8</sub>	3 <sup>3</sup> / <sub>16</sub>	2 <sup>3</sup> / <sub>4</sub>
CSB 500-3	3			4 <sup>1</sup> / <sub>8</sub>		
CSB 500-4	4			5 <sup>1</sup> / <sub>8</sub>		
CSB 500-5	5			6 <sup>1</sup> / <sub>8</sub>		
CSB 500-6	6			7 <sup>1</sup> / <sub>8</sub>		
CSB 500-7	7			9 <sup>1</sup> / <sub>8</sub>		
CSB 500-8	8			10 <sup>1</sup> / <sub>8</sub>		
CSB 750-2	2	750-1/0	<sup>3</sup> / <sub>8</sub> Hex	3	3 <sup>3</sup> / <sub>8</sub>	2 <sup>3</sup> / <sub>4</sub>
CSB 750-3	3			4 <sup>7</sup> / <sub>16</sub>		
CSB 750-4	4			5 <sup>3</sup> / <sub>16</sub>		
CSB 750-5	5			7 <sup>1</sup> / <sub>4</sub>		
CSB 750-6	6			8 <sup>1</sup> / <sub>8</sub>		
CSB 750-7	7			10		
CSB 750-8	8			11 <sup>1</sup> / <sub>16</sub>		
CSB 750-9	9			12 <sup>13</sup> / <sub>16</sub>		
CSB 750-10	10			14 <sup>1</sup> / <sub>4</sub>		

# Insulated Aluminum Pedestal Connectors

## See the connector through the transparent insulator.

Features	Benefits/Descriptions
Integral Wrench Outlet Covers	No lost parts to worry about.
Connector and Cable Outlets	Safer connections — the connector securely locks in cover while the cable outlets self adjust.
RUS Accepted	Approved by the federal government for utility use.

### Ordering Information for Insulated Connectors

CAT. NO.	Outlets	Wire Range
CLR 340	3	#12–4/0
CLR 440	4	
CLR 540	5	
CLR 640	6	
CLR 3350	3	#12–350
CLR 4350	4	
CLR 5350	5	
CLR 6350	6	



# Insulating Covers for Set-Screw Bar Pedestal Connectors

Rugged insulating covers to protect pedestal connectors.

Features	Benefits/Descriptions
FB 33 and FB 6 L Feature EPDM Rubber Flexi-Boot and Flexible Locking Ribs	Boot will not crack from cold embrittlement, will not cold flow and will not soften with heat. Locking ribs prevent accidental removal of EPDM cover.

### Ordering Information for EPDM Rubber FB Series

CAT. NO.	Height	Length	Width
FB 33	5 $\frac{1}{4}$	4 $\frac{3}{4}$	3 $\frac{3}{8}$
FB 6 L	3 $\frac{1}{2}$	7 $\frac{1}{4}$	2 $\frac{1}{8}$

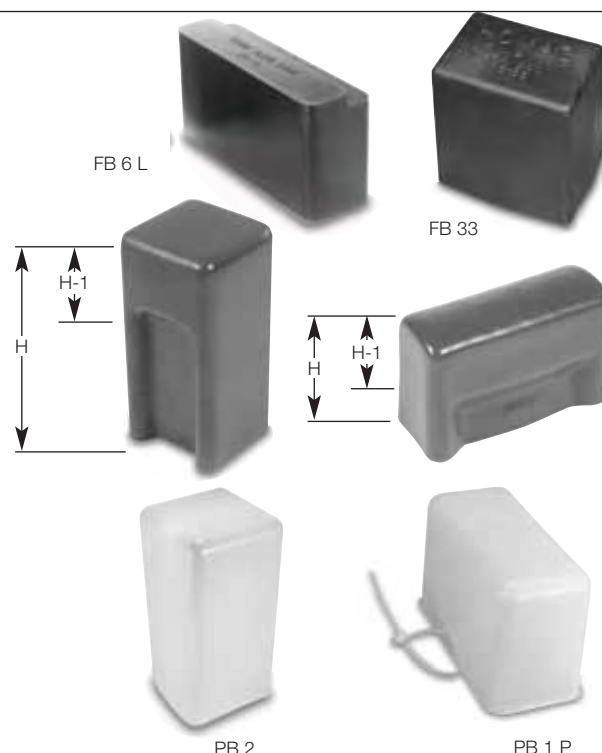
### Ordering Information for PVC BB Series

CAT. NO.	Height	Height-1	Length	Width
BB 10	3 $\frac{3}{8}$	1 $\frac{1}{8}$	4 $\frac{1}{4}$	2 $\frac{1}{2}$
BB 11	2 $\frac{1}{2}$	1 $\frac{1}{8}$	5 $\frac{1}{2}$	2 $\frac{1}{2}$
BB 12	3 $\frac{3}{4}$	1 $\frac{1}{8}$	7 $\frac{1}{4}$	2 $\frac{1}{4}$
BB 13	3 $\frac{1}{2}$	1 $\frac{1}{8}$	5 $\frac{5}{8}$	2 $\frac{1}{4}$
BB 14	3 $\frac{3}{4}$	1 $\frac{1}{8}$	8 $\frac{5}{8}$	2 $\frac{1}{4}$
BB 15	3 $\frac{3}{4}$	1 $\frac{1}{8}$	11 $\frac{1}{8}$	2 $\frac{1}{4}$
BB 17	6 $\frac{1}{8}$	2 $\frac{1}{8}$	3 $\frac{1}{2}$	3 $\frac{3}{8}$

### Ordering Information for Polyethylene PB Series

CAT. NO.	Height	Length	Width
PB 2	8	4	4 $\frac{1}{8}$
PB 1 P	4	6 $\frac{1}{4}$	2 $\frac{1}{2}$

NOTE: For cover sizes not listed, please consult your Thomas & Betts representative.  
 All boots have a nominal wall thickness of  $\frac{1}{8}$ ".  
 All sizes given for BB and PB series are inside dimensions.





**HOMAC®**

**Blackburn®**

## Make safer and easier connections to transformers.

Thomas & Betts has a complete line of the most versatile padmount transformer connectors in the industry. They enable safe and time-saving installations and disconnects.

### QUICK REFERENCE

#### Padmount Transformer Connectors

page(s)

Transformer Connectors . . 90–109

Transformer Adapters . . . 110–111

Transformer Spade Connectors . . . . . 112–120

Transformer Spade Adapters . . . . . 121

Transformer & Network Protection . . . . . 122

Insulating Boots & Covers . . . . . 123–124

Equipment Locks . . . . . 125

# Aluminum Universal Quick Disconnect Transformer Connectors

The EZ Mount connector is used on padmount distribution transformers that have a  $\frac{5}{8}$ " or 1" secondary bushing stud — one mounting hole accepts both sizes of studs without repositioning the connector!

Features	Benefits/Descriptions
Quick Disconnects	Connectors are easy to install or remove.
Dual-Rated	Accept aluminum or copper conductors.
Wide Cable Ranges	Provide connections for cables ranging from #6 to 500 kcmil and for streetlights ranging from S/L #14 to #2.
Clear Slide-On PVC Insulating Cover	EZC Series cover enables safe and time-saving installations and disconnects.
Standards Compliant	Meets or exceeds ANSI C119.4 specifications and is RUS accepted.

## Ordering Information EZC Series Insulated In-Line Bar

CAT. NO.	Cable Range	Outlets	Length	Stud Size
EZC 4350 SL	#12–350, S/L #14–#2	4	6%	% & 1
EZC 6350 SL		6	8%	
EZC 8350 SL		8	10%	
EZC 4500 SL	#6–500, S/L #14–#2	4	6%	
EZC 6500 SL		6	8%	
EZC 8500 SL		8	10%	
EZC 8700 SL*	1/0–750, S/L #14–#2	8	12%	

\* Two set-screws per outlet.

NOTE: For oxide-inhibitor option, add "-C" suffix to the catalog number.  
For additional sizes, please consult your Thomas & Betts representative.  
For a single-phase kit containing one uninsulated and two insulated connectors, add "-1K" suffix to the catalog number.  
For a three-phase kit containing one uninsulated and three insulated connectors, add "-3K" suffix to the catalog number.



EZC 6500 SL

## Ordering Information EZB Series Uninsulated In-Line Bar

CAT. NO.	Cable Range	Outlets	Length	Stud Size
EZB 4350 SL	#12–350, S/L #14–#2	4	6%	% & 1
EZB 6350 SL		6	8%	
EZB 8350 SL		8	10%	
EZB 4500 SL	#6–500, S/L #14–#2	4	6%	
EZB 6500 SL		6	8%	
EZB 8500 SL		8	10%	
EZB 8700 SL*	1/0–750, S/L #14–#2	8	12%	

\* Two set-screws per outlet.

NOTE: For oxide-inhibitor option, add "-C" suffix to the catalog number.  
For additional sizes, please consult your Thomas & Betts representative.



For EZ Torque® (shear-head screws) supplied in all outlets, add "-TS" suffix to the catalog number. Shear-head screw is available for both the stud locking screws as well as all 350 cable port screws.



EZB 6500 SL



# Aluminum Transformer Connectors — CSW and CSS Series



Choose from quick disconnect or screw-on transformer connectors with clear PVC insulating covers.

Features	Benefits/Descriptions
Clear PVC Insulating Boot	Enables safe and time-saving installations and disconnects. It features self-sealing wrench outlets and self-adjusting cable outlets.
Disconnectable	Easy to install or remove.
Dual-Rated	Accepts aluminum or copper conductors.
Wide Cable Ranges	Provides connections for cables ranging from 12 to 350 kcmil and from 6 to 500 kcmil.
Standards Compliant	Meets or exceeds ANSI C119.4 specifications and is RUS accepted.



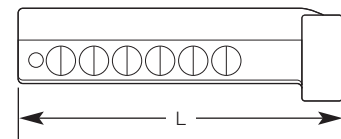
CSS 6500



CSW 4350



Quick Disconnect



Screw-On Style

## Ordering Information for Aluminum Transformer Connectors

Quick Disconnect CAT. NO.	Screw-On Style CAT. NO.	Stud Size	Outlets	Insulator Length	Cable Range
CSW 4350	CSS 4350	5/8"	4	5 1/16"	#12-350
CSW 6350	CSS 6350	3/4"	6	7 1/16"	
CSW 8350	CSS 8350	7/8"	8	9 1/16"	
CSW 4350-1	CSS 4350-1	1"	4	11 1/16"	
CSW 6350-1	CSS 6350-1	1"	6	5 1/8"	
CSW 8350-1	CSS 8350-1	1"	8	7 1/8"	#2-500
CSW 4500-58	CSS 4500-58	5/8"	4	9 1/16"	
CSW 6500-58	CSS 6500-58	3/4"	6	11 1/16"	
CSW 8500-58	CSS 8500-58	7/8"	8	5 1/8"	
CSW 4500	CSS 4500	1"	4	7 1/8"	
CSW 6500	CSS 6500	1"	6	9 1/8"	
CSW 8500	CSS 8500	1"	8	11 1/8"	

NOTE: For oxide-inhibitor option, add "-C" suffix to the catalog number.  
For streetlight-outlet option, add "-SL" suffix to the catalog number.



For EZ Torque® (shear-head screws) supplied in all outlets, add "-TS" suffix to the catalog number. Shear-head screw is available for both the stud locking screws as well as all 350 cable port screws.

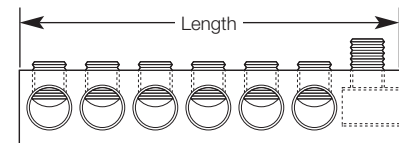
# Aluminum Quick Disconnect Transformer Connectors — ABW In-Line Bar Series

High-strength aluminum alloy maintains constant bolting pressure on conductors.



ABW 8500

Features	Benefits/Descriptions
Quick Disconnectability	Easy to remove from transformer secondary studs.
Dual-Rated	Accepts aluminum or copper conductors.
Ball-Bottom Screws	Ensure maximum conductor contact pressure. Also break up interstrand oxides.
Standards Compliant	Meets or exceeds ANSI C119.4 specifications and is RUS accepted.



## Ordering Information for ABW — In-Line Bar

CAT. NO.	Outlets	Length	Boot No.	Cable Range	Stud Size	CAT. NO.	Outlets	Length	Boot No.	Cable Range	Stud Size
ABW 240	2	3 $\frac{1}{2}$	SB 17	#6-250	$\frac{5}{8}$	ABW 2500	2	4 $\frac{1}{8}$	SB 2147	#6-500	1
ABW 340	3	3 $\frac{1}{2}$	SB 17		$\frac{5}{8}$	ABW 3500	3	5 $\frac{1}{8}$	SB 2147		1
ABW 440	4	4 $\frac{1}{16}$	SB 17		$\frac{5}{8}$	ABW 4500	4	6 $\frac{1}{8}$	SB 2163-38		1
ABW 540	5	5 $\frac{1}{2}$	SB 11		$\frac{5}{8}$	ABW 5500	5	7 $\frac{1}{8}$	SB 2163-7		1
ABW 640	6	6 $\frac{1}{4}$	SB 11		$\frac{5}{8}$	ABW 6500	6	8 $\frac{1}{8}$	SB 2157		1
ABW 740	7	7	SB 11		$\frac{5}{8}$	ABW 7500	7	9 $\frac{1}{8}$	SB 2157		1
ABW 840	8	7 $\frac{1}{16}$	SB 14		$\frac{5}{8}$	ABW 8500	8	10 $\frac{1}{16}$	SB 2160		1
ABW 2350	2	3 $\frac{1}{2}$	SB 17	#12-350	$\frac{5}{8}$	ABW 2750	2	5 $\frac{1}{8}$	SB 2147	1/0-750	1
ABW 3350	3	4 $\frac{1}{2}$	SB 17		$\frac{5}{8}$	ABW 3750	3	6 $\frac{1}{8}$	SB 2163-38		1
ABW 4350	4	5 $\frac{1}{2}$	SB 17		$\frac{5}{8}$	ABW 4750	4	7 $\frac{3}{4}$	SB 2120		1
ABW 4350-1	4	6 $\frac{1}{16}$	SB 17		1	ABW 5750	5	9 $\frac{1}{8}$	SB 2157		1
ABW 5350	5	6 $\frac{1}{2}$	SB 11		$\frac{5}{8}$	ABW 6750	6	10 $\frac{1}{2}$	SB 2160		1
ABW 6350	6	7 $\frac{1}{2}$	SB 11		$\frac{5}{8}$	ABW 7750	7	11 $\frac{1}{16}$	SB 2160		1
ABW 6350-1	6	8 $\frac{1}{16}$	SB 11		1	ABW 8750	8	13 $\frac{1}{8}$	SB 2163-10		1
ABW 7350	7	8 $\frac{1}{2}$	SB 14		$\frac{5}{8}$						
ABW 8350	8	9 $\frac{1}{2}$	SB 2160		$\frac{5}{8}$						
ABW 8350-1	8	10 $\frac{1}{16}$	SB 2160		1						

NOTE: For oxide-inhibitor option, add "-C" suffix to the catalog number.  
 For streetlight-outlet option, add "-SL" suffix to the catalog number.  
 For insulating boots, see page 124.  
 For special applications and stud sizes, please consult your Thomas & Betts representative.



For EZ Torque® (shear-head screws) supplied in all outlets, add "-TS" suffix to the catalog number. Shear-head screw is available for both the stud locking screws as well as all 350 cable port screws.



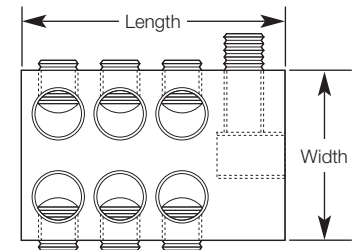
# Aluminum Quick Disconnect Transformer Connectors — ABW Double-Row Bar Series

Dual-rated for aluminum or copper conductors.



ABW 350-33

Features	Benefits/Descriptions
High-Strength Aluminum Alloy	Maintains constant bolting pressure on conductors.
Quick Disconnectability	Easy to remove from transformer secondary studs.
Ball-Bottom Screws	Ensure maximum conductor contact pressure. Also break up interstrand oxides.
Standards Compliant	Meets or exceeds ANSI C119.4 specifications and is RUS accepted.



## Ordering Information for ABW Series — Double-Row Bar

CAT. NO.	Outlets	Length	Width	Boot No.	Cable Range	Stud Size
ABW 40-22	4	3½	2½	SB 16	#6-250	5/8
ABW 40-33	6	4¾		SB 16		
ABW 40-44	8	5⅞		SB 16		
ABW 350-22	4	4		SB 16	#12-350	
ABW 350-33	6	4⅞		SB 16		
ABW 350-44	8	5⅞		SB 2163-38		
ABW 500-22	4	4⅞	2¾	SB 2151	#6-500	1
ABW 500-33	6	5⅞		SB 2158		
ABW 500-44	8	6⅞		SB 2158		
ABW 750-22	4	4¾		SB 2158	1/0-750	
ABW 750-33	6	6⅞		SB 2158		
ABW 750-44	8	7⅞		SB 2163-7		

NOTE: For oxide-inhibitor option, add "-C" suffix to the catalog number.  
For streetlight-outlet option, add "-SL" suffix to the catalog number.  
For insulating boots, see page 124.  
For special applications and stud sizes, please consult your Thomas & Betts representative.



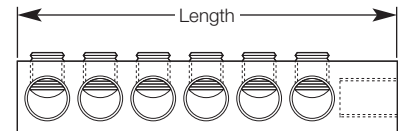
For EZ Torque® (shear-head screws) supplied in all outlets, add "-TS" suffix to the catalog number. Shear-head screw is available for both the stud locking screws as well as all 350 cable port screws.

# Aluminum Screw-On Transformer Connectors — ABS In-Line Bar Series

Disconnectability makes it easy to remove from transformer secondary threaded studs.



Features	Benefits/Descriptions
High-Strength Aluminum Alloy	Maintains constant bolting pressure on conductors.
Dual-Rated	Accepts aluminum or copper conductors.
Ball-Bottom Screws	Ensure maximum conductor contact pressure. Also break up interstrand oxides.
Standards Compliant	Meets or exceeds ANSI C119.4 specifications and is RUS accepted.



## Ordering Information for ABS Series — Single-Line Bar

CAT. NO.	Boot No.	Stud Size	Outlets	Length	Cable Range
ABS 240	Refer to T&B Rep	$\frac{5}{8}$	2	$2\frac{1}{8}$	#6-250
ABS 340	Refer to T&B Rep	$\frac{5}{8}$	3	$3\frac{5}{8}$	
ABS 440	SB 17	$\frac{5}{8}$	4	$4\frac{1}{8}$	
ABS 540	SB 17	$\frac{5}{8}$	5	$5\frac{1}{4}$	
ABS 640	SB 11	$\frac{5}{8}$	6	6	
ABS 740	SB 11	$\frac{5}{8}$	7	$6\frac{13}{16}$	
ABS 840	SB 14	$\frac{5}{8}$	8	$7\frac{1}{8}$	#12-350
ABS 2350	Refer to T&B Rep	$\frac{5}{8}$	2	$3\frac{3}{4}$	
ABS 3350	SB 17	$\frac{5}{8}$	3	$4\frac{1}{4}$	
ABS 4350	SB 17	$\frac{5}{8}$	4	$5\frac{1}{4}$	
ABS 4350-1	SB 17	1	4	$5\frac{1}{4}$	
ABS 5350	SB 17	$\frac{5}{8}$	5	$6\frac{1}{4}$	
ABS 6350	SB 11	$\frac{5}{8}$	6	$7\frac{1}{4}$	
ABS 6350-1	SB 11	1	6	$7\frac{1}{4}$	
ABS 7350	SB 11	$\frac{5}{8}$	7	$8\frac{1}{4}$	
ABS 8350	SB 14	$\frac{5}{8}$	8	$9\frac{1}{4}$	
ABS 8350-1	SB 14	1	8	$9\frac{1}{4}$	#6-500
ABS 2500	SB 17	1	2	$3\frac{13}{16}$	
ABS 3500	SB 17	1	3	$4\frac{13}{16}$	
ABS 4500	SB 17	1	4	$5\frac{13}{16}$	
ABS 5500	SB 2120	1	5	$6\frac{13}{16}$	
ABS 6500	SB 2157	1	6	$7\frac{13}{16}$	
ABS 7500	SB 2157	1	7	$8\frac{13}{16}$	
ABS 8500	SB 2160	1	8	$9\frac{13}{16}$	
ABS 2750	SB 17	1	2	$4\frac{11}{16}$	1/0-750
ABS 3750	SB 17	1	3	6	
ABS 4750	SB 2120	1	4	$7\frac{3}{8}$	
ABS 5750	SB 2157	1	5	$8\frac{11}{16}$	
ABS 6750	SB 2160	1	6	$10\frac{1}{16}$	
ABS 7750	SB 2160	1	7	$11\frac{3}{8}$	
ABS 8750	SB 2163-10	1	8	$12\frac{3}{4}$	

NOTE: For oxide-inhibitor option, add "-C" suffix to the catalog number.  
 For streetlight-outlet option, add "-SL" suffix to the catalog number.  
 For insulating boots, see page 124.  
 For special applications and stud sizes, please consult your Thomas & Betts representative.



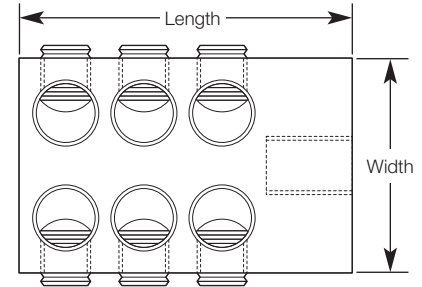
For EZ Torque® (shear-head screws) supplied in all outlets, add "-TS" suffix to the catalog number. Shear-head screw is available for all 350 cable port screws.

# Aluminum Screw-On Transformer Connectors — ABS Double-Row Bar Series

Ball-bottom screws ensure maximum conductor contact pressure and break up interstrand oxides.



Features	Benefits/Descriptions
High-Strength Aluminum Alloy	Maintains constant bolting pressure on conductors.
Disconnectability	Easy to remove from transformer secondary threaded studs.
Dual-Rated	Accepts aluminum or copper conductors.
Standards Compliant	Meets or exceeds ANSI C119.4 specifications and is RUS accepted.



## Ordering Information for ABS Series — Double-Line Bar

CAT. NO.	Boot No.	Stud Size	Outlets	Length	Cable Range
ABS 40-22	SB 16	5/8	4	3 1/8	#6-250
ABS 40-33	SB 16		6	3 7/8	
ABS 40-44	SB 16		8	4 1 1/8	
ABS 350-22	SB 16		4	3 3/8	#12-350
ABS 350-33	SB 16		6	4 1/2	
ABS 350-44	SB 16		8	5 1/8	
ABS 500-22	SB 2151	1	4	3 15/16	#6-500
ABS 500-33	SB 2151		6	4 15/16	
ABS 500-44	SB 2163-6		8	5 15/16	
ABS 750-22	SB 2151		4	4 1/4	1/0-750
ABS 750-33	SB 2163-6		6	5 3/8	
ABS 750-44	SB 2163-6		8	6 15/16	

NOTE: For oxide-inhibitor option, add "-C" suffix to the catalog number.  
For streetlight-outlet option, add "-SL" suffix to the catalog number.  
For insulating boots, see page 124.  
For special applications and stud sizes, please consult your Thomas & Betts representative.



For EZ Torque® (shear-head screws) supplied in all outlets, add "-TS" suffix to the catalog number.

# Aluminum Universal Quick Disconnect Transformer Connectors — RAU Series

## Dual-rated solutions.



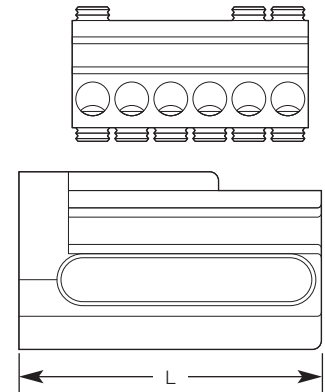
RAU 6500

Features	Benefits/Descriptions
Space Saver	Compact size also reduces cantilever stress on bushings.
Universal Connector	Fits both $\frac{5}{8}$ " and 1" studs.
RUS Accepted	Approved by the federal government for utility use.

### Ordering Information for RAU Series Connectors

CAT. NO.	Outlets	Insulator Length	Cable Range
RAU 4500	4	5 $\frac{1}{2}$ "	#6–500
RAU 6500	6	6 $\frac{1}{2}$ "	
RAU 8500	8	8 $\frac{1}{2}$ "	

NOTE: For oxide-inhibitor option, add "-C" suffix to the catalog number.  
 For streetlight-outlet option, add "-SL" suffix to the catalog number.  
 For see-through insulator option, add "w/cover" suffix to the catalog number.



# Aluminum Quick Disconnect Transformer Connectors — LRTR Series

## Get left-hand or right-hand installation capability.



LRTR 8

Features	Benefits/Descriptions
Disconnectable	Easy to install or remove and fully insulated with EPDM rubber.
Dual-Rated	Accepts aluminum or copper conductors.

### Ordering Information for LRTR Series Connectors

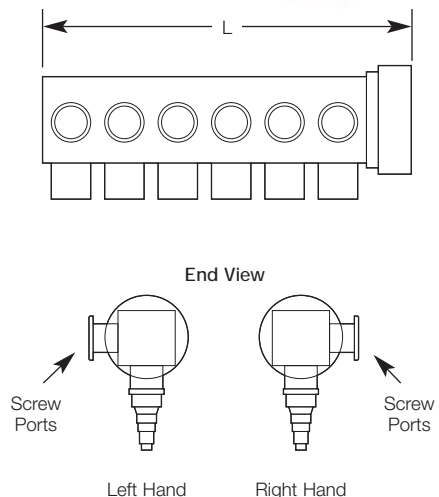
CAT. NO.	Outlets	L	Wire Size	Stud Size
LRTR 4	4	7	#12–350	$\frac{5}{8}$ "
LRTR 6	6	9		
LRTR 8	8	11		
LRTR 4W*	4	7		
LRTR 6W*	6	9		
LRTR 8W*	8	11		

\* Watertight cable and screw ports.

NOTE: For oxide-inhibitor option, add "-C" suffix to the catalog number.



For EZ Torque® (shear-head screws) supplied in all outlets, add "-TS" suffix to the catalog number. Shear-head screw is available for both the stud locking screws as well as all 350 cable port screws.



# Aluminum Quick Disconnect Transformer Connectors — CLRTR Series

See more of what you're doing.™



Features	Benefits/Descriptions
Clear PVC	Enables safe and time-saving installations and disconnects — and provides insulation.
Versatile Design	Enables right- or left-hand installation.
Dual-Rated	Accepts aluminum or copper conductors.
RUS Accepted	Approved by the federal government for utility use.

## Ordering Information for CLRTR Series Connectors

CAT. NO.	Outlets	Stud Size	Conductor Range
CLRTR 4	4	#12-350	5/8"
CLRTR 6	6		
CLRTR 45-58	4	#6-500	
CLRTR 65-58	6		

NOTE: For oxide-inhibitor option, add "-C" suffix to the catalog number.  
For streetlight-outlet option, add "-SL" suffix to the catalog number.



For EZ Torque® (shear-head screws) supplied in all outlets, add "-TS" suffix to the catalog number. Shear-head screw is available for both the stud locking screws as well as all 350 cable port screws.

# Aluminum Quick Disconnect Transformer Connectors — ABD Series

Dual-rated and streetlight ready.



ABD 8350 SL

Features	Benefits/Descriptions
#14 to #4 Streetlight Outlet	Added versatility to make an additional connection.
Standards Compliant	Meets or exceeds ANSI C119.4 specifications.
RUS Accepted	Approved by the federal government for utility use.

## Ordering Information for ABD Series Connectors

CAT. NO.	Outlets	Stud Size	Conductor Range	CAT. NO.	Outlets	Stud Size	Conductor Range
ABD 4350 SL	4			ABD 4350-1 SL	4		
ABD 6350 SL	6	5/8"	#12-350	ABD 6350-1 SL	6	1"	#12-350
ABD 8350 SL	8			ABD 8350-1 SL	8		

\* Double-row configuration.

NOTE: For oxide-inhibitor option, add "-C" suffix to the catalog number.



For EZ Torque® (shear-head screws) supplied in all outlets, add "-TS" suffix to the catalog number.

# AD Series Adapter

The adapter made for the ABD Series.



AD 58

Features	Benefits/Descriptions
5/8" or 1" Stud Sizes	Compatible with ABD Series (above).

## Ordering Information for AD Series Adapter

CAT. NO.	Stud Size
AD 58	5/8"
AD 1	1"

# Aluminum Quick Disconnect Transformer Connectors — LRT Series

Clearly the best deadfront connector.



LRT 6350

Features	Benefits/Descriptions
Clear, See-Through PVC Insulator	Rated for 480V, it enables safe and time-saving installations and disconnects. It insulates 2, 4, 6 or 8 outlet connectors.
Versatile Design	Enables right- or left-hand installation.
Integral Wrench Outlet Covers	No lost parts.
Dual-Rated	Accepts aluminum or copper conductors.
Standards Compliant	Meets or exceeds ANSI C119.4 specifications. Also REA approved.
RUS Accepted	Approved by the federal government for utility use.

## Ordering Information for Aluminum Quick Disconnect Transformer Connectors

CAT. NO.	Outlets	Insulator Length	Wire Range
LRT 2350	2	7½	#12–350
LRT 4350	4		
LRT 6350	6	10½	
LRT 8350	8		

NOTE: For oxide-inhibitor option, add “-C” suffix to the catalog number.



For EZ Torque® (shear-head screws) supplied in all outlets, add “-TS” suffix to the catalog number. Shear-head screw is available for both the stud locking screws as well as all 350 cable port screws.



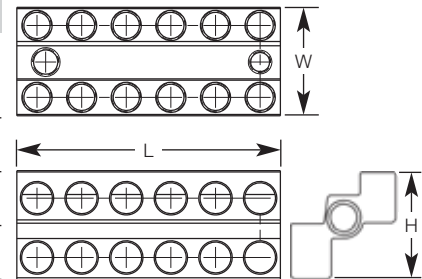
# Transformer Connectors

## — TWB™ Series

Compact design doubles cable capacity and halves cantilever stress.



Features	Benefits/Descriptions
High-Strength Aluminum Alloy	Maintains constant bolting pressure on conductors.
Dual-Rated	Accepts aluminum or copper conductors.
Prefilled with Oxide Inhibitor	Seals out moisture after installation.
Standards Compliant	Meets ANSI C119.4 specifications.



### Ordering Information for Transformer Connectors, 350 Series — Bare TWB™ Bars, Dual-Rated

Quick Disconnect CAT. NO.	Screw On CAT. NO.	Ports	Cable Range	Stud Size	Dimensions in. (mm)			Available Clear PVC Covers (ordered separately)	
					H	W	L	Lock On	Slip On
TWB6359D58	TWB6359J58	6	#12–350	5/8"	2.6 (66)	2.6 (66)	3.1 (78)	LWC63-58	SC85-58
TWB8359D58	TWB8359J58	8					4.1 (105)	LWC83-58	SC85-58
TWB10359D58	TWB10359J58	10					5.2 (132)	LWC103-59	SC125-58
TWB12359D58	TWB12359J58	12					6.3 (159)	LWC123-59	SC125-58
TWB6359D10	TWB6359J10	6	#12–350	1"	3.0 (75)	2.8 (70)	3.1 (78)	LWC63-1	SC85-1
TWB8359D10	TWB8359J10	8					4.1 (105)	LWC83-1	SC85-1
TWB10359D10	TWB10359J10	10					5.2 (132)	LWC103-1	SC125-1
TWB12359D10	TWB12359J10	12					6.3 (159)	LWC123-1	SC125-1
TWB6359D51A	—	6	#12–350	5/8" & 1"	3.4 (86)	3.0 (77)	3.1 (78)	LWC63-1	SC85-1
TWB8359D51A	—	8					4.1 (105)	LWC83-1	SC85-1
TWB10359D51A	—	10					5.2 (132)	LWC103-1	SC125-1
TWB12359D51A	—	12					6.3 (159)	LWC123-1	SC125-1

### Ordering Information for Transformer Connectors, 500 Series — Bare TWB™ Bars, Dual-Rated

Quick Disconnect CAT. NO.	Screw On CAT. NO.	Ports	Cable Range	Stud Size	Dimensions in. (mm)			Available Clear PVC Covers (ordered separately)	
					H	W	L	Lock On	Slip On
TWB6559D58	TWB6559J58	6	#6–500	5/8"	2.8 (71)	2.8 (71)	3.4 (86)	LWC65-58	SC85-58
TWB8559D58	TWB8559J58	8					4.6 (117)	LWC85-58	SC85-58
TWB10559D58	TWB10559J58	10					5.8 (147)	LWC105-58	SC125-58
TWB6559D10	TWB6559J10	6	#10–500	1"	3.4 (86)	3.0 (77)	3.4 (86)	LWC65-1	SC85-1
TWB8559D10	TWB8559J10	8					4.6 (117)	LWC85-1	SC85-1
TWB10559D10	TWB10559J10	10					5.8 (147)	LWC105-1	SC125-1
TWB12559D10	TWB12559J10	12	#10–500	5/8" & 1"	3.1 (78)	2.8 (71)	6.9 (175)	LWC125-1	SC125-1
TWB6559D51A	—	6					3.4 (86)	LWC65-1	SC85-1
TWB8559D51A	—	8					4.6 (117)	LWC85-1	SC85-1
TWB10559D51A	—	10					5.8 (147)	LWC105-1	SC125-1
TWB12559D51A	—	12					6.9 (175)	LWC125-1	SC125-1

NOTE: To order connectors without oxide inhibitor, remove "9" from the catalog number.

To order a kit containing two insulated and one uninsulated connectors, add "-K21" suffix to the catalog number.

For streetlight option, add "S" before "D" or "J" to the catalog number. Option is for wire ranges #14 to 1/0.

To order TWB connector with a cover, add "-C" suffix to the catalog number for a lock-on version or "-CS" suffix to the catalog number for a slip-on version.

For additional product options, please consult your Thomas & Betts representative.

# Aluminum Universal Quick Disconnect Transformer Connectors — ZVW-EZSL and Z-EZSL Series



The EZ Mount connector is used on padmount distribution transformers that have a  $\frac{5}{8}$ " or 1" secondary bushing stud — one mounting hole accepts both sizes of studs without repositioning the connector.

Features	Benefits/Descriptions
Tri-Contact Design	Distributes the force more evenly than existing stud mounting configurations or other multi-stud designs, resulting in higher, more uniform contact force on the threads. Design also eliminates the chance of movement.
Dual Stud Locking Screws	Two stud locking screws fully engage on either stud size, maximizing the engagement force on the stud.
Compact Zeebar® Design	Halves cantilever stress and doubles cable capacity.
Easy to Install	A $\frac{5}{16}$ " hex wrench does it all — including the streetlight outlet.
Adaptable to Your Application	Truly universal — both series fit $\frac{5}{8}$ " or 1" studs.
Made from Aluminum	Provides high strength and high conductivity.
Quick Disconnects	Connectors are easy to install or remove.
#14 to #2 Streetlight Outlet	Added versatility to make an additional connection.
Standards Compliant	Meet or exceed ANSI C119.4 specifications.
RUS Accepted	Approved by the federal government for utility use.

## Ordering Information for ZVW-EZSL Series with Clear PVC Lock-On Insulating Cover

CAT. NO.	Outlets	Conductor Range	Stud Size
ZVW 4023 EZSL	6	#12–350	% & 1
ZVW 5033 EZSL	8		
ZVW 4025 EZSL	6	#6–500	
ZVW 5035 EZSL	8		

NOTE: For oxide-inhibitor option, add "-C" suffix to the catalog number.  
For a kit containing 1 uninsulated and 2 insulated connectors, add "-K" suffix to the catalog number.



ZVW 4023 EZSL

## Ordering Information for Z-EZSL Series with Optional Clear PVC Drop-On Insulating Cover

CAT. NO.	Outlets	Boot No.	Conductor Range	Stud Size
Z 4023 EZSL	6	EZ 5912-3	#12–350	% & 1
Z 5033 EZSL	8	EZ 5912-7		
Z 4025 EZSL	6	EZ 5912-3	#6–500	
Z 5035 EZSL	8	EZ 5912-7		

NOTE: For oxide-inhibitor option, add "-C" suffix to the catalog number.  
A cover can also be installed on the Z-EZSL Series. For details, please consult your Thomas & Betts representative.



Z 4023 EZSL



For EZ Torque® (shear-head screws) supplied in all outlets, add "-TS" suffix to the catalog number. Shear-head screw is available for both the stud locking screws as well as all 350 cable port screws.

# Aluminum Universal Quick Disconnect Transformer Connectors — ZVW-USL, ZVW-SL and ZVW-1 SL Series



See-through, lock-on insulated boots make them the clear choice for secondary transformer connectors.

Features	Benefits/Descriptions
Compact Zeebar® Design	Halves cantilever stress and doubles cable capacity.
Easy to Install	All screws are on top. A $\frac{5}{16}$ " hex wrench does it all — including the streetlight outlet.
Adaptable to Your Application	ZVW-USL Series fits both $\frac{5}{8}$ " or 1" studs. Series are also available each for $\frac{5}{8}$ " and 1" studs.
Dual-Rated	Accepts copper or aluminum conductors.
Ball-Bottom Screws	Ensure maximum conductor contact pressure. Also break up interstrand oxides.
Standards Compliant	Meets or exceeds ANSI C119.4 specifications.
RUS Accepted	Approved by the federal government for utility use.

## Ordering Information for ZVW-USL Series

CAT. NO.	Outlets	L	Cable Range	Stud Type
ZVW 3033 USL	6	5%	#12-350	5/8 & 1
ZVW 4043 USL	8	6%	#6-500	
ZVW 3035 USL	6	5 1 1/16		
ZVW 4045 USL	8	6 1 3/16	1/0-750	
ZVW 3037 USL	6	6%		
ZVW 4047 USL	8	7%		



ZVW 4045 USL

NOTE: For oxide-inhibitor option, add "-C" suffix to the catalog number.  
For a kit containing 1 uninsulated and 2 insulated connectors, add "-K" suffix to the catalog number.

## Ordering Information for ZVW-SL Series

CAT. NO.	Outlets	L	Cable Range	Stud Type
ZVW 2044 SL	6	3 <sup>15</sup> / <sub>16</sub>	#12-4/0	<sup>5</sup> / <sub>8</sub>
ZVW 3054 SL	8	4 <sup>3</sup> / <sub>4</sub>		
ZVW 4064 SL	10	5	#12-350	
ZVW 2043-58 SL	6	4 <sup>3</sup> / <sub>4</sub>		
ZVW 3053-58 SL	8	5 <sup>3</sup> / <sub>4</sub>		



ZVW 3053-58 SL

NOTE: For oxide-inhibitor option, add "-C" suffix to the catalog number.  
For a kit containing 1 uninsulated and 2 insulated connectors, add "-K" suffix to the catalog number.

## Ordering Information for ZVW-1 SL Series

CAT. NO.	Outlets	L	Cable Range	Stud Type
ZVW 4023-1 SL	6	4%	#12-350	1
ZVW 5033-1 SL	8	5%		
ZVW 4025-1 SL	6	5%	#6-500	
ZVW 5035-1 SL	8	6%		



ZVW 5033-1 SL

NOTE: For oxide-inhibitor option, add "-C" suffix to the catalog number.  
For a kit containing 1 uninsulated and 2 insulated connectors, add "-K" suffix to the catalog number.



For EZ Torque® (shear-head screws) supplied in all outlets, add "-TS" suffix to the catalog number. Shear-head screw is available for both the stud locking screws as well as all 350 cable port screws.

# Aluminum Universal Quick Disconnect Transformer Connectors — Z-USL, Z-SL and Z-1 SL Series



Compact secondary transformer connectors with a streetlight outlet.

Features	Benefits/Descriptions
Compact Zeebar® Design	Halves cantilever stress and doubles cable capacity.
Easy to Install	All screws are on top. A $\frac{5}{16}$ " hex wrench does it all — including the streetlight outlet.
Adaptable to Your Application	Z-USL Series fits both $\frac{5}{8}$ " and 1" studs. Series are also available each for $\frac{5}{8}$ " and 1" studs.
Ball-Bottom Screws	Ensure maximum conductor contact pressure. Also break up interstrand oxides.
Standards Compliant	Meets or exceeds ANSI C119.4 specifications.
RUS Accepted	Approved by the federal government for utility use.

## Ordering Information for Z-USL Series

CAT. NO.	Outlets	L	H	Cable Range	Stud Type
Z 3033 USL	6	5%	2 $\frac{7}{8}$	#12–350	% & 1
Z 4043 USL	8	6%		#6–500	
Z 3035 USL	6	5 $\frac{1}{16}$			
Z 4045 USL	8	6 $\frac{1}{16}$	3 $\frac{1}{8}$	1/0–750	
Z 3037 USL	6	6 $\frac{1}{16}$			
Z 4047 USL	8	7 $\frac{1}{16}$			



Z 4045 USL

NOTE: For oxide-inhibitor option, add “-C” suffix to the catalog number.  
For insulating boot, please consult your Thomas & Betts representative.

## Ordering Information for Z-SL Series

CAT. NO.	Outlets	L	H	Cable Range	Stud Type
Z 2044 SL	6	3 $\frac{1}{2}$ "	1 $\frac{1}{2}$ "	#12-4/0	5/8"
Z 3054 SL	8	4"			
Z 4064 SL	10	5"	2"	#12-350	
Z 2043-58 SL	6	4"			
Z 3053-58 SL	8	5"			



Z 2043-58 SL

NOTE: For oxide-inhibitor option, add “-C” suffix to the catalog number.  
For insulating boot, please consult your Thomas & Betts representative.

## Ordering Information for Z-1 SL Series

CAT. NO.	Outlets	L	H	Cable Range	Stud Type
Z 4023-1 SL	6	4%	2%	#12–350	1
Z 5033-1 SL	8	5%			
Z 4025-1 SL	6	5%			
Z 5035-1 SL	8	5%			



Z 5033-1 SL

NOTE: For oxide-inhibitor option, add “-C” suffix to the catalog number.  
For insulating boot, please consult your Thomas & Betts representative.



For EZ Torque® (shear-head screws) supplied in all outlets, add “-TS” suffix to the catalog number. Shear-head screw is available for both the stud locking screws as well as all 350 cable port screws.

# Aluminum Universal Quick Disconnect Transformer Connectors — LRT-UW, LRT-UX and LRT-U Series

Compact design halves cantilever stress and doubles cable capacity, lessening the occurrence of leaky bushings.

MAGICON™



LRT 44 UW



LRT 44 UX



LRT 33 U

Features	Benefits/Descriptions
LRT-UW Series Features Fully Insulated Transformer Connector	Protects connections.
LRT-UX Series Features Clear Deadfront Insulator	Enables safe and time-saving installations and disconnects. Locks in place by raised set screws or installation of the first conductor.
EPDM Rubber Cable Adapters Accommodate #12 Solid to 250 kcmil Conductors	More choices for your connections.
RUS Accepted	Approved by the federal government for utility use.

## Ordering Information for Aluminum Transformer Connectors

LRT-UW Series — Fully Insulated with Flood-Seal® Rockets

CAT. NO.	Cable Range	Outlets	Stud Size	L	H
LRT 33 UW	#12–350	6	5/8" & 1"	3	2 1/2"
LRT 44 UW		8		4	

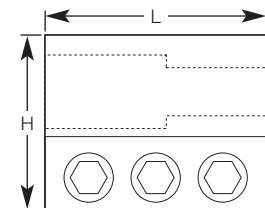
LRT-UX Series — Fully Insulated

LRT 33 UX	#12–350	6	5/8" & 1"	4	4 3/4"
LRT 44 UX		8			

LRT-U Series — Bare Bar

LRT 33 U	#12–350	6	5/8" & 1"	3	2 1/2"
LRT 44 U		8		4	

NOTE: For oxide-inhibitor option, add "-C" suffix to the catalog number.  
For a clear PVC insulating cover, see below.



## Clear PVC Insulating Cover for LRT Series

Clear insulating boot protects connections.

Features	Benefits/Descriptions
Accommodates Six- and Eight-Outlet Connectors for 5/8" or 1" Studs	Matches the transformer connector you have.



CBB 3344

## Ordering Information for Clear PVC Insulating Cover for LRT Series

CAT. NO.	L	H
CBB 3344	4	4 3/4"

# Aluminum Quick Disconnect Transformer Connectors — LRT-W, LRT-X and LRT Series

Compact design halves cantilever stress and doubles cable capacity.

MAGICNN™



LRT 4458 W



LRT 4458 X



LRT 2258

## Features

LRT-W Series Features Fully Insulated Transformer Connector

## Benefits/Descriptions

Protects connections.

LRT-X Series Features Clear Deadfront Insulator

Enables safe and time saving installations and disconnects. Locks in place by raised set screws or installation of the first conductor.

RUS Accepted

Approved by the federal government for utility use.

## Ordering Information for Aluminum Transformer Connectors

### LRT-W Series — Fully Insulated with Flood-Seal® Rockets

CAT. NO.	Cable Range	Outlets	Stud Size	L	H
LRT 2258 W	#12–350	4	5/8"	2	2 1/2"
LRT 3358 W		6		3	
LRT 4458 W		8		4	
LRT 2210 W		4	1"	2	
LRT 3310 W		6		3	
LRT 4410 W		8		4	

### LRT-X Series — Fully Insulated

LRT 2258 X	#12–350	4	5/8"	2	4 3/4"
LRT 3358 X		6		3	
LRT 4458 X		8		4	
LRT 2210 X		4	1"	2	
LRT 3310 X		6		3	
LRT 4410 X		8		4	

### LRT Series — Bare Bar

LRT 2258	#12–350	4	5/8"	2	2 1/2"
LRT 3358		6		3	
LRT 4458		8		4	
LRT 2210		4	1"	2	
LRT 3310		6		3	
LRT 4410		8		4	

NOTE: For oxide-inhibitor option, add "-C" suffix to the catalog number.  
For a clear PVC insulating cover, see below.

## Clear PVC Insulating Cover for LRT Series

Clear insulating boot protects connections.

## Features

Accommodates Six- and Eight-Outlet Connectors for 5/8" or 1" Studs

## Benefits/Descriptions

Matches the transformer connector you have.



CBB 3344

## Ordering Information for Clear PVC Insulating Cover for LRT Series

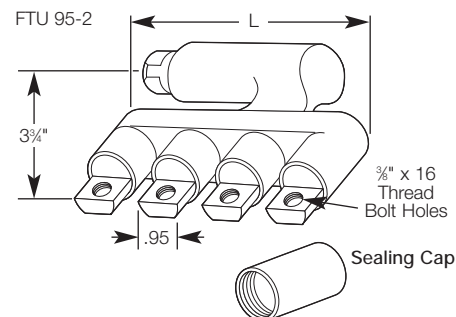
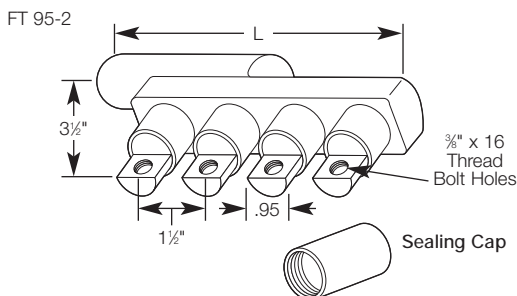
CAT. NO.	L	H
CBB 3344	4	4 3/4"



# Aluminum Flood-Seal® 95 Series Screw-On Transformer Connectors

For use with aluminum or copper lugs up to 350 kcmil.

Features	Benefits/Descriptions
PVC-Insulated Aluminum Body	Keeps out moisture while maintaining high conductivity.
Internal/External Threaded Bushing Adapter Included with FTU 95 Series	Enables removal of connector without disassembling individual cables.
Dual-Rated	Use with aluminum or copper lugs from #8 to 350 kcmil.
Standards Compliant	All Flood-Seal connectors comply with ANSI C119.4.



## Ordering Information for Aluminum Flood-Seal® 95 Series Screw-On Transformer Connectors

### FT 95 Series

CAT. NO.	Outlets	L	Stud Size
FT 95-2	2	4	3/8"
FT 95-3	3	5 1/2	
FT 95-4	4	7	
FT 95-5	5	8 1/2	
FT 95-6	6	10	
FT 95-44*	8	7	
FT 95-55*	10	8 1/2	1"
FT 95-66*	12	10	
FT 95-2-1	2	4	
FT 95-3-1	3	5 1/2	
FT 95-4-1	4	7	
FT 95-5-1	5	8 1/2	
FT 95-6-1	6	10	
FT 95-44-1*	8	7	
FT 95-55-1*	10	8 1/2	
FT 95-66-1*	12	10	

### FTU 95 Series with Disconnectable Bushing Adapter

CAT. NO.	Outlets	L	Stud Size
FTU 95-2	2	4	3/8"
FTU 95-3	3	5 1/2	
FTU 95-4	4	7	
FTU 95-5	5	8 1/2	
FTU 95-6	6	10	
FTU 95-44*	8	7	
FTU 95-55*	10	8 1/2	1"
FTU 95-66*	12	10	
FTU 95-2-1	2	4	
FTU 95-3-1	3	5 1/2	
FTU 95-4-1	4	7	
FTU 95-5-1	5	8 1/2	
FTU 95-6-1	6	10	
FTU 95-44-1*	8	7	
FTU 95-55-1*	10	8 1/2	
FTU 95-66-1*	12	10	

\* Double-row configuration.

NOTE: All Transformer Connectors include a jam nut and EPDM rubbing bushing stud cover. All outlets except one are factory-sealed with removable sealing caps. For complete assembly with CS 2011 insulating rockets, add "-AWR" suffix to the catalog number. Other accessories, see page 73.

CS 2011 Flood-Seal® Rockets Sold Separately



CS 2011



# Aluminum Flood-Seal® 125 Series Screw-On Transformer Connectors

For use with aluminum or copper lugs up to 500 kcmil.



FTU 125-5

Features	Benefits/Descriptions
Heavy PVC-Insulated Aluminum Body	Keeps out moisture while maintaining high conductivity.
Off-Set Handle Design	Positions cable weight close to tank wall.
Outlets Equipped with 1/2" Hex-Head Bolts with Captive Belleville Washers	Accept standard one-hole or two-hole NEMA aluminum or copper lugs.
Standards Compliant	Comply with ANSI C119.4 and are RUS Accepted.

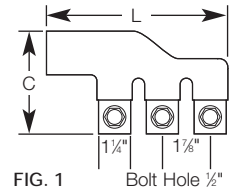


FIG. 1

Bolt Hole 1/2"

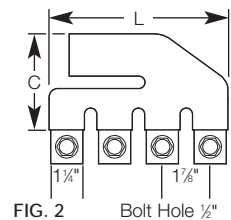


FIG. 2

Bolt Hole 1/2"

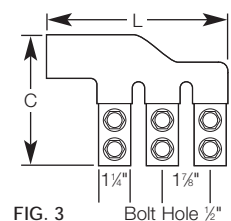


FIG. 3

Bolt Hole 1/2"

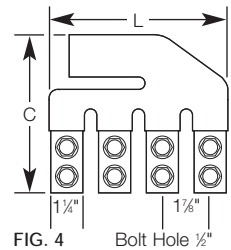


FIG. 4

Bolt Hole 1/2"

## Ordering Information for Aluminum 125 Series Screw-On Transformer Connectors

CAT. NO.	Figure No.	C	L†	Outlets	Stud Size	CAT. NO.	Figure No.	C	L†	Outlets	Stud Size
FTU 125-2	1	3 5/16	4 7/8	2	5/8	FTU 2 N	3	5 5/16	4 7/8	2	5/8
FTU 125-3	1	3 5/16	6 5/8	3		FTU 3 N	3	5 5/16	6 5/8	3	
FTU 125-4	2	5 5/16	7 7/8	4		FTU 4 N	4	6 5/16	7 7/8	4	
FTU 125-5	2	5 5/16	9	5		FTU 5 N	4	6 5/16	9	5	
FTU 125-6	2	5 5/16	10 3/4	6		FTU 6 N	4	6 5/16	10 3/4	6	
FTU 125-44*	2	5 5/16	7 7/8	8		FTU 44 N*	4	6 5/16	7 7/8	8	
FTU 1-125-2	1	3 5/16	4 7/8	2	1	FTU 1-2 N	3	5 5/16	4 7/8	2	1
FTU 1-125-3	1	3 5/16	6 5/8	3		FTU 1-3 N	3	5 5/16	6 5/8	3	
FTU 1-125-4	2	5 5/16	7 7/8	4		FTU 1-4 N	4	6 5/16	7 7/8	4	
FTU 1-125-5	2	5 5/16	9	5		FTU 1-5 N	4	6 5/16	9	5	
FTU 1-125-6	2	5 5/16	10 3/4	6		FTU 1-6 N	4	6 5/16	10 3/4	6	
FTU 1-125-44*	2	5 5/16	7 7/8	8		FTU 1-44 N*	4	6 5/16	7 7/8	8	

\* Double-row configuration.

† L is the same for 1-hole and 2-hole versions.

NOTE: For complete assembly with CS 2011 insulating rockets, add "-AWR" suffix to the FTU catalog number.

For complete assembly with CSN 2011 insulating rockets, add "-AWR" suffix to the FTU-N catalog number.

For other accessories, see pages 74-75.

All Transformer Connectors include threaded bushing adapter, bushing stud cover, jam nut and lug mounting hardware.

## Flood-Seal® Rockets Sold Separately



CS 2011

For 1-Hole Outlet Connectors



CSN 2011

For 2-Hole Outlet Connectors

## Stud Adapter Kit

Features	Benefits/Descriptions
Works with 5/8" and 1" Stud Sizes	Compatible with Flood-Seal® 95 and 125 Series Screw-On Transformer Connectors.

## Ordering Information for Stud Adapter Kit

CAT. NO.	Stud Size
2250-1 K	5/8
2135 K	1

NOTE: Includes Stud Cover and Jam Nut.

# Submersible Transformer Bus

Removable connector is designed for a padmount or submersible transformer's threaded-stud secondary bushings.

Features	Benefits/Descriptions
Made of Cast Aluminum Alloy and Insulated with PVC Coating	Provides high strength and keeps out moisture. Fits #6 stranded through 500 kcmil aluminum conductors.
Completely Submersible	Select Squid® Sealing Sleeves (page 78) for each tap to make the transformer bus completely submersible and deadfront.
Easy Detachment	Connector can be detached from the transformer without disconnecting the attached conductors.
Equipment Included	Supplied with Sems-type $\frac{3}{8}$ " plated steel bolt with captive Belleville washer; use Slotted-Tang Compression Terminal Lugs (page 19).
Indents on Terminals	Mate with boss on Slotted-Tang Compression Terminal Lugs to prevent lugs from rotating.



Type P2 Cap  
For Porcelain Bushings

## Set Screws

Tighten Down to Lock SCU Connector to Adapter; Adapter to Threaded Stud. Sealing Cap Covers these Set Screws

**Bushing Neck**  
O.D. Determines Correct Selection of Sealing Cap

**Adapter**  
Four Sizes Available; Correct Selection Must Match Size of Threaded Stud

**SCU Connector**  
Eight Styles Available to Fit Any Size Threaded Stud

**Sealing Cap**  
"C" Cap for 1" dia. Bushing Neck; "D" Cap for 1½" dia.; "P2" Cap for Porcelain Bushings; "O" Necessary Designation for No Cap

**Threaded Stud**  
Size of Thread Determines Correct Selection of Adapter

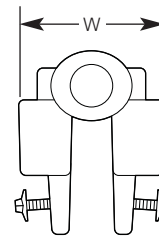
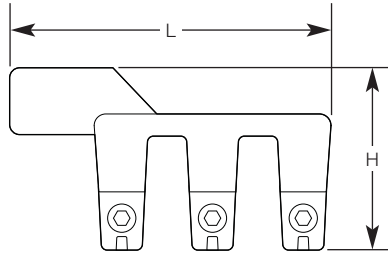
Set Screws in SCU Connector are Tightened Down on Flat Side of Adapter; Pressure Deforms Adapter to Lock Adapter and SCU Connector to Threaded Stud



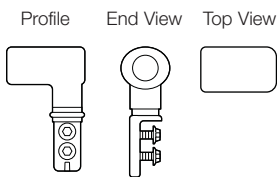
NOTE: For streetlight tap option, add "-S" suffix to catalog number.  
Adapters are available that match the thread on the bushing stud.  
Sealing Caps are available the match the diameter of the bushing neck.  
An example of an order with a straight tap option is SCU 44-S-A 10BB-C.

## Ordering Information for Submersible Transformer Bus

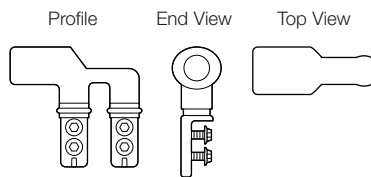
CAT. NO.	Wire Range	For Stud Thread	No. of Terminals	Bolts per Terminal	Dimensions in. (mm)		
					L	H	W
SCU 11	#4-500		1	2	3.6 (90)	5.7 (144)	2.3 (57)
SCU 22	#4-500		2	2	5.8 (146)	5.7 (144)	2.3 (57)
SCU 40	#6-350		4	1	9.1 (230)	4.7 (120)	2.3 (57)
SCU 44	#4-500	1-14, ½-11	4	2	10 (254)	5.7 (144)	2.3 (57)
SCU 60	#6-350		6	1	7.9 (200)	4.8 (122)	3.5 (89)
SCU 66	#4-500		6	2	8.1 (204.8)	5.6 (143)	3.2 (81)
SCU 80	#6-350		8	1	10 (254)	4.8 (122)	3.5 (89)
SCU 88	#4-500		8	2	10.2 (259)	5.6 (143)	4 (102)



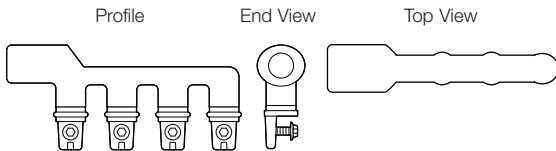
SCU 11



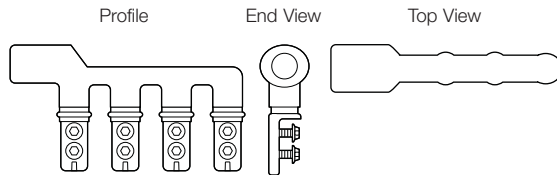
SCU 22



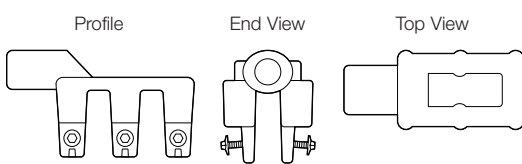
SCU 40



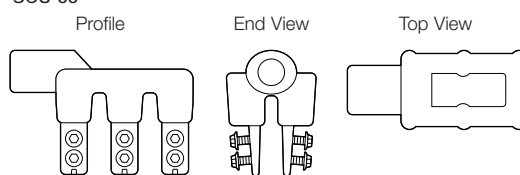
SCU 44



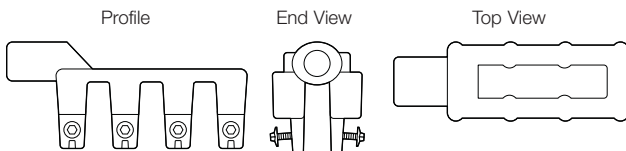
SCU 60



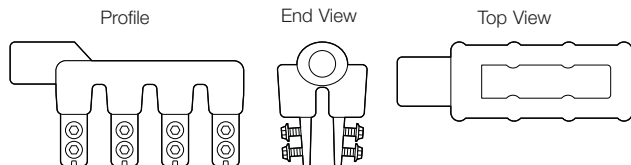
SCU 66



SCU 80



SCU 88



## Ordering Information for Adapters

CAT. NO.	For Stud Thread
A 10 BB	1-14
A 58	½-11

## Ordering Information for Sealing Caps

Sealing Cap CAT. NO.	Bushing Neck Dia.
C	1
D	1½
P 2	For porcelain bushings
O	Must be designated if no sealing cap desired

# Copper Screw-On Transformer Stud Adapters

Adapters for cable-to-stud connections.



2043-10

Features	Benefits/Descriptions
Made from Pure Electrolytic Copper	Provides high conductivity.
Marked with Crimp Area, Installing Dies and Wire Size	Easy identification.

## Ordering Information for Screw-On Stud Adapters

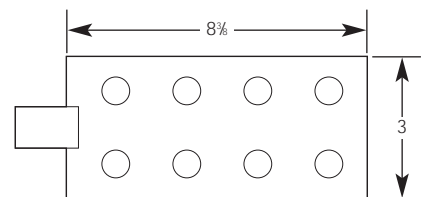
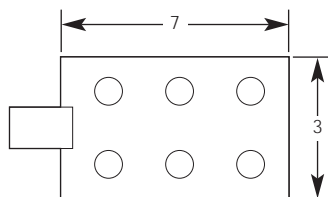
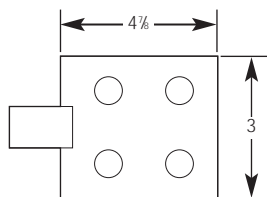
CAT. NO.	Stud Size	Cable Size
2043-1	$\frac{5}{8}$ -11	350
2043-2	$\frac{1}{2}$ -13	350
2043-3	$\frac{3}{8}$ -16	350
2043-4	1-14	350
2043-5	$\frac{3}{4}$ -16	4/0
2043-6	1-8	350
2043-7	$\frac{1}{2}$ -13	4/0
2043-8	$\frac{1}{2}$ -13	250
2043-9	$\frac{5}{8}$ -11	250
2043-10	$\frac{5}{8}$ -11	500

NOTE: For variations or unlisted sizes, please consult your Thomas & Betts representative.

# Copper Tin-Plated Transformer Stud Adapters

## Adapters for NEMA pad-style connections.

Features	Benefits/Descriptions
Made from Pure Electrolytic Copper	Provides high conductivity.
Tin Plated	Resists corrosion.
Dual-Rated	Accepts standard aluminum or copper NEMA lugs.



### Ordering Information for Copper Tin-Plated Transformer Stud Adapters

#### Four-Hole Transformer Stud Adapters

CAT. NO.	Stud Size
2042-1	5/8-11
2042-2	1-14
2042-3	1/2-13

NOTE: For variations or unlisted sizes, please consult your Thomas & Betts representative.

#### Six-Hole Transformer Stud Adapters

CAT. NO.	Stud Size
2042-4	5/8-11
2042-5	1-14
2042-6	1 1/4-12
2042-7	1 1/2-12

#### Eight-Hole Transformer Stud Adapters

CAT. NO.	Stud Size
2042-8	5/8-11
2042-9	1-14
2042-10	1 1/4-12
2042-11	1 1/2-12

# Aluminum Lay-In Transformer Spade Connectors — ABK™ and AK™ Series

EZ KEEPER®

The slide-out Keeper minimizes the hassle and hazards of forcing cables into closed ports.

Features	Benefits/Descriptions
Require Only a Cable Stripper and Allen Hex Wrench	No crimping tools or dies or other special tools needed for installation.
Transformer Changes Require Only the Connector to be Unbolted from the Spade	There is no need to disconnect all the conductors, as with compression systems.
Dual-Rated	Use with aluminum or copper cable.
Double Set Screws	Maximize contact area and mechanical characteristics.
Ball-Bottom Screws	Ensure even force distribution in the cable/connector interface.
RUS Accepted	Approved by the federal government for utility use.



ABK 1750



ABK 3750



AK 600 N

## Ordering Information for Aluminum Lay-In Transformer Spade Connectors

### ABK™ Series

CAT. NO.	Outlets	Cable Range	Length	Height	Mount Holes
ABK 1600 DS	1	#2-600	1 <sup>41</sup> / <sub>64</sub>	6	2
ABK 4600 DS	4		6		4
ABK 6600 DS	6		8 <sup>29</sup> / <sub>32</sub>		8
ABK 1750	1	1/0-750	1 <sup>53</sup> / <sub>64</sub>	6 <sup>3</sup> / <sub>16</sub>	2
ABK 2750	2		3 <sup>1</sup> / <sub>16</sub>		4
ABK 3750	3		5 <sup>5</sup> / <sub>32</sub>		6
ABK 4750	4		6 <sup>47</sup> / <sub>64</sub>		8
ABK 6750	6		10		12
ABK 8750	8		13 <sup>1</sup> / <sub>2</sub>		16
ABK 11000	1	1/0-1000	1 <sup>5</sup> / <sub>8</sub>	6 <sup>3</sup> / <sub>16</sub>	2
ABK 11000 SSN*	1		1 <sup>5</sup> / <sub>8</sub>		2
ABK 21000	2		3 <sup>5</sup> / <sub>8</sub>		4
ABK 31000	3		5 <sup>15</sup> / <sub>16</sub>		6
ABK 41000	4		7		8
ABK 61000	6		10 <sup>3</sup> / <sub>8</sub>		16
ABK 81000	8		13 <sup>3</sup> / <sub>4</sub>		18

\* Slotted pad holes.

NOTE: For tin-plating option, add "-TN" suffix to the catalog number.

### ABK ML Series — Tall Pad Design

CAT. NO.	Outlets	Cable Range	Length	Height	Mount Holes
ABK 1750	1	1/0-750	1 <sup>53</sup> / <sub>64</sub>	8 <sup>1</sup> / <sub>2</sub>	3
ABK 2750	2		3 <sup>1</sup> / <sub>16</sub>		6
ABK 3750	3		5 <sup>5</sup> / <sub>32</sub>		9
ABK 4750	4		6 <sup>47</sup> / <sub>64</sub>		12
ABK 6750	6		10		18
ABK 8750	8		13 <sup>1</sup> / <sub>2</sub>		24

### AK™ Series

CAT. NO.	Outlets	Cable Range
AK 600 N	1	#2-600

# Aluminum Lay-In Transformer Spade Connectors — ABK™ 1000 and ABK™ 7024 Series

**EZ KEEPER®**

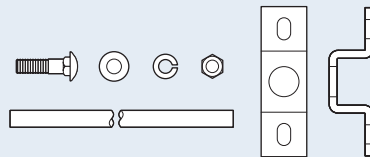
Save time and labor by placing cables into the Keeper slot.

Features	Benefits/Descriptions
Cables Are Easily Placed into the Keeper Slot	Minimizes the hassle and hazards of having to force cables into the closed cable ports found on conventional mechanical connectors. You save time and labor.
ABK 7024 Series Comes Standard with Streetlight Outlet and Stainless Steel Mounting Hardware	Added versatility with everything you need to make the connection.
Require Only a Cable Stripper and Allen Hex Wrench	No crimping tools or dies or other special tools are needed for installation.
Transformer Changes Require Only the Connector to be Unbolted from the Spade	There is no need to disconnect all the conductors, as with compression systems.
Dual-Rated	Use with aluminum or copper cable.
Ball-Bottom Screws	Ensure even force distribution in the cable/connector interface.
RUS Accepted	Approved by the federal government for utility use.

## ABK 7024 Series Support Kit

The best components to make your ABK 7024 connections!

- (1) 30" fiberglass support rod
- (4) ½"-13 stainless steel carriage bolts
- (4) ½" stainless steel flat washers
- (4) ½" stainless steel lock washers
- (4) ½" silicone bronze nuts
- (2) tin-plated support brackets



ABK 441000



ABK 81-7024 L



ABK 881-7024

## Ordering Information for Aluminum Lay-In Transformer Spade Connectors

### ABK™ 1000 Series — Back-To-Back

CAT. NO.	Outlets	Conductor Range
ABK 221000	4	1/0-1000
ABK 331000	6	
ABK 441000	8	
ABK 661000	12	
ABK 881000	16	

### ABK™ 7024 Series — Single Row

CAT. NO.	Outlets	Conductor Range
ABK 81-7024 R	8	1/0-1000
ABK 81-7024 L	8	

### ABK 7024 Series — Back-To-Back

CAT. NO.	Outlets	Conductor Range
ABK 881-7024	16	1/0-1000

NOTE: For oxide-inhibitor option, add "-C" suffix to the catalog number.  
For SB Series insulating covers, see page 123.



# Aluminum Quick Disconnect Lay-In Transformer Connectors — ZBKW™ Series

Get two times the cable capacity in the same length.



Features	Benefits/Descriptions
Cables Are Easily Placed into the Keeper Slot	Minimizes the hassle and hazards of having to force cables into the closed cable ports found on conventional mechanical connectors. You save time and labor.
Compact Zeebar® Design	Halves cantilever stress and doubles cable capacity.
EZ Torque® Stud Screws	Make mounting to the transformer stud easy and shear off at the proper torque.
Made from Aluminum	Provides high strength and high conductivity.
Dual-Rated	Use with aluminum or copper cable.
Quick Disconnects	Connector is easy to install or remove.
Wide Cable Range	Provides connections for cables ranging from 1/0 to 1000 kcmil.
Two #12 to 1/0 Streetlight Outlets	Added versatility for additional connections.
RUS Accepted	Approved by the federal government for utility use.

## Ordering Information for ZBKW™ 2 SLM Series

CAT. NO.	Conductor Range	Outlets	Size
ZBKW 2041-1-2 SLM	1/0–1000 main, (2) #12–1/0 streetlight	6	8.2
ZBKW 2041-1-2 SLRM		6	8.2
ZBKW 3051-1-2 SLM		8	9.9
ZBKW 3051-1-2 SLRM		8	9.9
ZBKW 4061-1-2 SLM		10	11.5
ZBKW 4061-1-2 SLRM		10	11.5
ZBKW 5071-1-2 SLM		12	13.2
ZBKW 5071-1-2 SLRM		12	13.2



Includes 1" transformer stud, two streetlight outlets and mounting support provision.

## Ordering Information for ZBKW™ 2 SLCTM Series

CAT. NO.	Conductor Range	Outlets	Size
ZBKW 3031-1-2 SLCTM	1/0–1000 main, (2) #12–1/0 streetlight	6	9.9
ZBKW 3031-1-2 SLRCTM		6	9.9
ZBKW 3041-1-2 SLCTM		8	11.5
ZBKW 3041-1-2 SLRCTM		8	11.5



Includes 1" transformer stud, two streetlight outlets, current transformer and mounting support provision.

NOTE: For 1½" stud, change "-1" suffix to "-1.25." For 1½" stud, change "-1" suffix to "-1.5."

# Aluminum Lay-In Transformer Spade Connectors — ZBK™ Series

Compact Zeebar® design halves cantilever stress and doubles cable capacity.



Features	Benefits/Descriptions
Slide-Out Keeper	Minimizes the hassle and hazards of having to force cables into the closed cable ports found on conventional mechanical connectors. You save time and labor.
Easy Transformer Change Out	Connector can be unbolted from the spade without the need to disconnect the service conductors.
Made from Aluminum	Provides high strength and high conductivity.
Dual-Rated	Use with aluminum or copper cable.
Wide Cable Range	Provides connections for cables ranging from 1/0 to 750 kcmil or from 1/0 to 1000 kcmil.
RUS Accepted	Approved by the federal government for utility use.



ZBK 4047



ZBK 6067

## Ordering Information for ZBK™ Series

CAT. NO.	Conductor Range	Outlets	Mount Holes
ZBK 1017	1/0–750	2	2
ZBK 2027		4	4
ZBK 3037		6	6
ZBK 4047		8	8
ZBK 6067		12	12
ZBK 8087		16	16
ZBK 2021	1/0–1000	4	4
ZBK 3031		6	6
ZBK 4041		8	8
ZBK 6061		12	12
ZBK 8081		16	16

NOTE: For oxide-inhibitor option, add “-C” suffix to the catalog number.  
For SB Series insulating boots, see page 123.  
For tin-plating option, add “-TN” suffix to the catalog number.

# Aluminum Transformer Spade Connectors — ABT™ Single Set-Screw Series

High-strength aluminum alloy maximizes electrical and mechanical performance.

Features	Benefits/Descriptions
Ball-Bottom Screws	Ensure maximum conductor contact pressure. Also break up interstrand oxides.
Dual-Rated	Accepts copper or aluminum conductors.
Standards Compliant	Meets or exceeds ANSI C119.4 specifications.



ABT 4350-48



ABT 6350

## Ordering Information for ABT™ Series — Single-Row Mounting Holes

CAT. NO.	Outlets	Length	Mounting Holes	Conductor Range
ABT 440-48	4	4 $\frac{1}{4}$	3	#6-250
ABT 640-48	6	5 $\frac{1}{16}$	4	
ABT 840-48	8	7 $\frac{1}{16}$	4	
ABT 4350-48	4	4 $\frac{1}{4}$	3	#12-350
ABT 6350-48	6	6 $\frac{1}{2}$	4	
ABT 8350-48	8	8 $\frac{1}{4}$	5	
ABT 4500-48	4	4 $\frac{9}{16}$	3	#6-500
ABT 6500-48	6	6 $\frac{1}{2}$	4	
ABT 8500-48	8	9 $\frac{1}{4}$	6	

NOTE: For oxide-inhibitor option, add "-C" suffix to the catalog number.

For SB Series insulating covers, see page 123.

For tin-plating option, add "-TN" suffix to the catalog number.

## Ordering Information for ABT™ Series — Double-Row Mounting Holes

CAT. NO.	Outlets	Length	Mounting Holes	Conductor Range
ABT 440	4	4 $\frac{1}{4}$	6	#6-250
ABT 640	6	5 $\frac{1}{16}$	8	
ABT 840	8	7 $\frac{1}{16}$	8	
ABT 2350	2	3	4	#12-350
ABT 3350	3	3	4	
ABT 4350	4	4 $\frac{1}{4}$	6	
ABT 6350	6	6 $\frac{1}{2}$	8	
ABT 8350	8	8 $\frac{1}{4}$	10	
ABT 2500	2	3	4	#6-500
ABT 3500	3	3	4	
ABT 4500	4	4 $\frac{9}{16}$	6	
ABT 5500	5	5 $\frac{3}{32}$	8	
ABT 6500	6	6 $\frac{1}{2}$	8	
ABT 8500	8	9 $\frac{1}{4}$	12	

NOTE: For oxide-inhibitor option, add "-C" suffix to the catalog number.

For SB Series insulating covers, see page 123.

For tin-plating option, add "-TN" suffix to the catalog number.

# Aluminum Transformer Spade Connectors — ABT™ Double Set-Screw Series

High-strength aluminum alloy maximizes electrical and mechanical performance.



ABT 4500 DS

Features	Benefits/Descriptions
Ball-Bottom Screws	Ensure maximum conductor contact pressure. Also break up interstrand oxides.
Dual-Rated	Accepts copper or aluminum conductors.
Standards Compliant	Meets or exceeds ANSI C119.4 specifications.

## Ordering Information for ABT™ Series — Double-Set Screw

CAT. NO.	Outlets	Length	Mounting Holes	Conductor Range
ABT 1500 DS	1	1¼	2	#6–500
ABT 2500 DS	2	3	4	
ABT 3500 DS	3	3⅝	4	
ABT 4500 DS	4	4¾	6	
ABT 5500 DS	5	5 <sup>23</sup> / <sub>32</sub>	8	
ABT 6500 DS	6	6½	8	
ABT 8500 DS	8	9⅞	12	1/0–750
ABT 1750	1	1½	2	
ABT 2750	2	3	4	
ABT 3750	3	4¾	6	
ABT 4750	4	6½	8	
ABT 5750	5	6½	8	
ABT 6750	6	8¾	10	1/0–1000
ABT 8750	8	10 <sup>11</sup> / <sub>16</sub>	12	
ABT 11000	1	1¼	2	
ABT 21000	2	3	4	
ABT 31000	3	4¾	6	
ABT 41000	4	6½	8	
ABT 61000	6	9¾	12	
ABT 81000	8	12¼	12	

NOTE: For oxide-inhibitor option, add “-C” suffix to the catalog number.  
For tin-plating option, add “-TN” suffix to the catalog number.  
For SB Series insulating covers, see page 123.

# Aluminum Transformer Spade Connectors — ZBT™ Series

The quicker-installation alternatives to compression lugs.



Features	Benefits/Descriptions
Compact Zeebar® Design	Halves cantilever stress and doubles cable capacity.
High-Strength Aluminum Alloy	Maximizes electrical and mechanical performance.
Ball-Bottom Screws	Ensure maximum conductor contact pressure. Also break up interstrand oxides.
Dual-Rated	Accepts copper or aluminum conductors.
Standards Compliant	Meets or exceeds ANSI C119.4 specifications.



ZBT 3033-48



ZBT 4043



ZBT 3037 DS



ZBT 4047

## Ordering Information for ZBT™ Series — Single-Row Mounting Holes

CAT. NO.	Cable Range	Outlets	Length	Mounting Holes
ZBT 1013-48	#12–350	2	3 $\frac{1}{32}$	1
ZBT 2023-48		4	2	1
ZBT 3033-48		6	3	2
ZBT 4043-48		8	4 $\frac{1}{4}$	3
ZBT 5053-48		10	4 $\frac{3}{4}$	3
ZBT 6063-48		12	6 $\frac{1}{2}$	4

## Ordering Information for ZBT™ Series — Double-Row Mounting Holes

CAT. NO.	Cable Range	Outlets	Length	Mounting Holes
ZBT 1013	#12–350	2	3 $\frac{1}{32}$	2
ZBT 2023		4	2	2
ZBT 3033		6	3	4
ZBT 4043		8	4 $\frac{1}{4}$	6
ZBT 5053		10	4 $\frac{3}{4}$	6
ZBT 6063		12	6 $\frac{1}{2}$	8
ZBT 1017	1/0–750	2	1 $\frac{1}{8}$	2
ZBT 2027		4	3	4
ZBT 4047		8	6 $\frac{1}{2}$	8
ZBT 5057		10	8 $\frac{1}{4}$	10
ZBT 6067		12	8 $\frac{3}{4}$	10
ZBT 8087		16	11	12
ZBT 1717 DS*		2	1 $\frac{1}{8}$	2
ZBT 2027 DS*		4	3	4
ZBT 4047 DS*		8	6 $\frac{1}{2}$	8
ZBT 5057 DS*		10	8 $\frac{1}{4}$	10
ZBT 6067 DS*	1/0–1000	12	8 $\frac{3}{4}$	10
ZBT 8087 DS*		16	11	12
ZBT 1011*		2	1 $\frac{1}{8}$	2
ZBT 2021*		4	3 $\frac{5}{16}$	4
ZBT 3031*		6	5	6
ZBT 4041*	1/0–1000	8	6 $\frac{1}{16}$	8
ZBT 8081*		16	13 $\frac{3}{16}$	16

\*Two set-screws per outlet.

NOTE: For oxide-inhibitor option, add “-C” suffix to the catalog number.  
For SB Series insulating covers, see page 123.  
For tin-plating option, add “-TN” suffix to the catalog number.

# Aluminum Transformer Spade Connectors — ABN™ Series

For installations on standard NEMA spade terminals.



ABN 4350

Features	Benefits/Descriptions
High-Strength Aluminum Alloy	Maximizes electrical and mechanical performance.
Dual-Rated	Accepts aluminum or copper conductors.
Ball-Bottom Screws	Ensure maximum conductor contact pressure. Also break up interstrand oxides.
Standards Compliant	Meets or exceeds ANSI C119.4 specifications.

## Ordering Information for ABN™ Series

CAT. NO.	Cable Range	Outlets	L	Boot No.
ABN 240	#6–250	2	4 $\frac{3}{4}$	SB 17
ABN 340		3	5 $\frac{1}{2}$	SB 17
ABN 440		4	6 $\frac{5}{8}$	SB 11
ABN 540		5	7 $\frac{1}{8}$	SB 11
ABN 640		6	7 $\frac{1}{2}$	SB 11
ABN 740		7	8 $\frac{5}{8}$	SB 14
ABN 840		8	9 $\frac{1}{8}$	SB 14
ABN 2350	#6–350	2	4 $\frac{1}{8}$	SB 17
ABN 3350		3	5 $\frac{1}{8}$	SB 11
ABN 4350		4	6 $\frac{3}{8}$	SB 11
ABN 5350		5	7 $\frac{1}{4}$	SB 11
ABN 6350		6	8 $\frac{3}{8}$	SB 14
ABN 7350		7	9 $\frac{1}{4}$	SB 14
ABN 8350		8	10 $\frac{1}{8}$	2160
ABN 2500	#2–500	2	5 $\frac{1}{8}$	SB 17
ABN 3500		3	6 $\frac{1}{8}$	SB 11
ABN 4500		4	7 $\frac{1}{8}$	SB 11
ABN 5500		5	8 $\frac{3}{8}$	SB 14
ABN 6500		6	9 $\frac{1}{8}$	2160
ABN 7500		7	10 $\frac{3}{8}$	2163
ABN 8500		8	11 $\frac{1}{8}$	2163-3
ABN 2750	1/0–750	2	5 $\frac{1}{4}$	2120
ABN 3750		3	7 $\frac{1}{4}$	2120
ABN 4750		4	8 $\frac{3}{4}$	2120
ABN 5750		5	9 $\frac{1}{2}$	2160
ABN 6750		6	11 $\frac{1}{4}$	2160
ABN 7750		7	12 $\frac{3}{8}$	2163-3
ABN 8750		8	13 $\frac{1}{8}$	2163-3

NOTE: For oxide-inhibitor option, add “-C” suffix to the catalog number.  
For streetlight-outlet option, add “-SL” suffix to the catalog number.  
For tin-plating option, add “-TN” suffix to the catalog number.

# Aluminum Flood-Seal® 125 Series Transformer Spade Connectors

For deadfront padmount transformers with  
4-hole NEMA spade secondary bushings.

Features	Benefits/Descriptions
Provide Maximum Contact	Ensure cooler operating, more reliable joints.
Dual-Rated	Use with aluminum or copper cable ranging from #8 to 500 kcmil.
Outlets Equipped with ½" Plated Steel Hex-Head Bolts with Captive Belleville Washers	Accept standard one-hole or two-hole NEMA aluminum or copper lugs.
Standards Compliant	All Flood-Seal connectors comply with ANSI C119.4 specifications.



## Ordering Information for 125 Series

1-Hole Outlets			2-Hole Outlets		
CAT. NO.	Outlets	L	CAT. NO.	Outlets	L
FTN 125-2	2	4	FTN 125-2N	2	4
FTN 125-3	3	4½	FTN 125-3N	3	4½
FTN 125-4	4	6	FTN 125-4N	4	6
FTN 125-5	5	7½	FTN 125-5N	5	7½
FTN 125-6	6	7½	FTN 125-6N	6	7½
FTN 125-44*	8	6	FTN 125-44N*	8	6

\* Double-row configuration.

NOTE: For complete assembly with CS 2011 insulating rockets, add "-AWR" suffix to the FTN catalog number.  
For complete assembly with CSN 2011 insulating rockets, add "-AWR" suffix to the FTN-N catalog number.



# NEMA Transformer Spade Adapters

The options you need for a variety of connections.

Features	Benefits/Descriptions
Adapters for Standard and Four-Hole NEMA Transformer Pads	The options you need for a variety of connections.
Cables Are Disconnectable	Makes swaps and changes easier.
Dual-Rated	Accepts copper or aluminum lugs.

## Ordering Information for TSC 4 Series – Aluminum

CAT. NO.	Bolt Holes	Spade Thickness
TSC 4-6	6	$\frac{3}{8}$
TSC 4-8	8	
TSC 4-10	10	$\frac{3}{4}$
TSC 4-12	12	

NOTE: For tin-plating option, add "-TN" suffix to the catalog number.  
For custom configurations, please consult your Thomas & Betts representative.



TSC 4-6

## Ordering Information for TSC Series – Aluminum

CAT. NO.	Bolt Holes	Spade Thickness
TSC 6	6	$\frac{3}{8}$
TSC 8	8	
TSC 10	10	$\frac{3}{4}$
TSC 12	12	

NOTE: For tin-plating option, add "-TN" suffix to the catalog number.  
For custom configurations, please consult your Thomas & Betts representative.



TSC 8

## Ordering Information for CTSC 4 Series – Copper

CAT. NO.	Bolt Holes	Spade Thickness
CTSC 4-6	6	$\frac{1}{4}$
CTSC 4-8	8	
CTSC 4-10	10	$\frac{1}{2}$
CTSC 4-12	12	

NOTE: For tin-plating option, add "-TN" suffix to the catalog number.  
For custom configurations, please consult your Thomas & Betts representative.



CTSC 4-12

## Ordering Information for CTSC Series – Copper

CAT. NO.	Bolt Holes	Spade Thickness
CTSC 6	6	$\frac{1}{4}$
CTSC 8	8	
CTSC 10	10	$\frac{1}{2}$
CTSC 12	12	

NOTE: For tin-plating option, add "-TN" suffix to the catalog number.  
For custom configurations, please consult your Thomas & Betts representative.



CTSC 8

# Flood-Seal® 175 Series Clamp-On Style Transformer and Network Protection Connectors

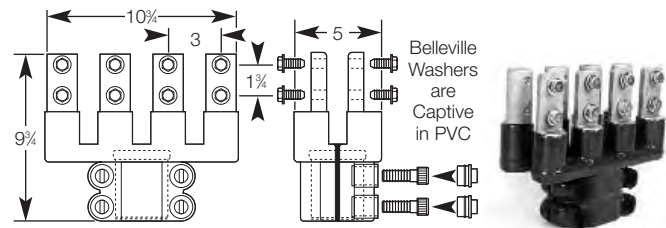
Convenient multiple-tap connections to power transformers and network protectors.

Features	Benefits/Descriptions
Compact Design	Conserves vault and manhole space — and often eliminates the need for auxiliary buses.
Clamp-Style Base	Provides 3/4" of stud contact and eliminates the need for a jam nut.
Rubber Gasket	Ensures secure closure between connector halves.
All NEMA-Drilled Aluminum Alloy Outlets Equipped with Plated Hex-Head Bolts and Captive Belleville Washers	Accept two-hole NEMA lugs up to 1000 komil, vertical or horizontal.

## Ordering Information for Vertical Cable Leads

CAT. NO.	Outlets	Stud Size
FTT 44-175-15	8	1 1/2"
FTT 44-175-30	8	3"

NOTE: For copper connectors, add "-CU" suffix to the catalog number.  
For complete assembly with insulating rockets, add "-AWR" suffix to the catalog number.  
For special applications or greater number of outlets than those listed, please consult your Thomas & Betts representative.

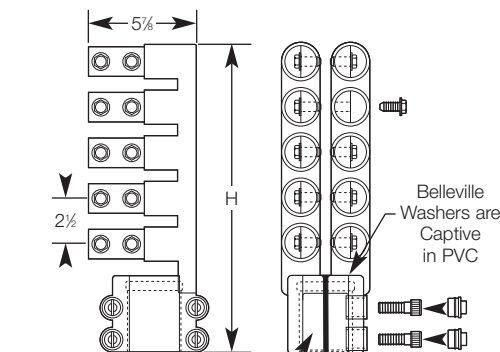


Rubber Gasket Provides Secure Closure between Connector Halves

## Ordering Information for Horizontal Cable Leads

CAT. NO.	Outlets	Height	Stud Size
FTH 22-175-15	4	9 1/4"	1 1/2"
FTH 33-175-15	6	11 1/4"	
FTH 44-175-15	8	14 1/4"	
FTH 55-175-15	10	16 1/4"	3"
FTH 22-175-30	4	9 1/4"	
FTH 33-175-30	6	11 1/4"	
FTH 44-175-30	8	14 1/4"	
FTH 55-175-30	10	16 1/4"	

NOTE: For copper connectors, add "-CU" suffix to the catalog number.  
For complete assembly with insulating rockets, add "-AWR" suffix to the catalog number.  
For special applications or greater number of outlets than those listed, please consult your Thomas & Betts representative.

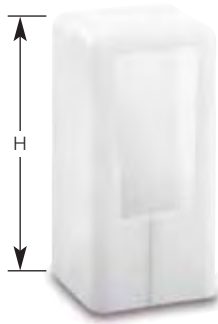


Rubber Gasket Provides Secure Closure between Connector Halves

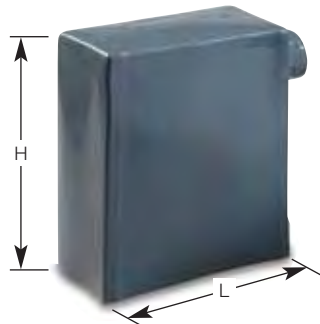
# Insulating Boots for Transformer Spade Connectors

## Insulating boots for harsh environments.

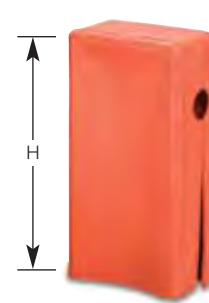
Features	Benefits/Descriptions
BBV4N Features EPDM Rubber Flexi-Boot	Will not crack from cold embrittlement, will not cold flow and will not soften with heat.
BBV4N Features Flexible Locking Ribs	Prevent accidental removal of EPDM boot.
Polyethylene and PVC Boots Available	Choose from a wider selection of insulators, with additional sizes that are right for your application.
SB Series — RUS Accepted	Approved by the federal government for utility use.



PB 2 T  
(Polyethylene)



SB 2159  
(PVC)



BBV4N  
(EPDM)

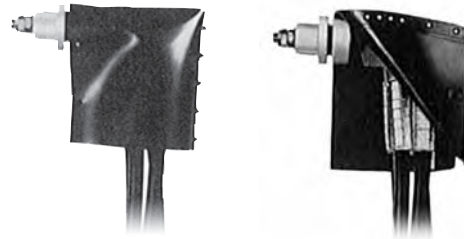
### Ordering Information for Insulating Boots

CAT. NO.	Length	Width	Height	CAT. NO.	Length	Width	Height
<b>SB Series</b>				<b>SB 2159</b>	9 $\frac{3}{4}$	4 $\frac{5}{8}$	11 $\frac{3}{4}$
SB 2144	3 $\frac{3}{4}$	4 $\frac{1}{2}$	9	SB 14	9 $\frac{1}{16}$	2	2 $\frac{1}{16}$
SB 2147	5 $\frac{1}{2}$	2 $\frac{1}{2}$	6 $\frac{5}{8}$	SB 2160	12	2 $\frac{3}{4}$	5 $\frac{5}{8}$
SB 2151	5 $\frac{1}{2}$	4	12	SB 2163-3	12 $\frac{3}{8}$	5 $\frac{5}{8}$	11 $\frac{1}{8}$
SB 17	5 $\frac{1}{16}$	2 $\frac{3}{4}$	3 $\frac{3}{4}$	SB 2163-10	13 $\frac{3}{4}$	5	7 $\frac{3}{4}$
SB 2163-6	7	4 $\frac{5}{8}$	8 $\frac{5}{8}$	SB 2163-4	14	5 $\frac{1}{2}$	11 $\frac{5}{8}$
SB 2163-7	8	3	7 $\frac{5}{8}$	<b>BBV Series</b>			
SB 11	8 $\frac{1}{8}$	2	2 $\frac{1}{16}$	BBV4N	4 $\frac{3}{4}$	2 $\frac{3}{4}$	10
SB 2120	8 $\frac{3}{4}$	2 $\frac{1}{2}$	5 $\frac{1}{8}$	<b>PB Series</b>			
SB 2163-12	8 $\frac{3}{4}$	5	8 $\frac{5}{8}$	PB 2 T	4	4	8
SB 2163-2	8 $\frac{3}{4}$	5	9	PB 1-1	6 $\frac{1}{4}$	2 $\frac{1}{2}$	4
SB 2157	9 $\frac{3}{4}$	2 $\frac{3}{4}$	7 $\frac{3}{4}$				

NOTE: For boot sizes not listed, please consult your Thomas & Betts representative.  
PVC boots available in black, gray, yellow or clear.

## Multi-Purpose Insulating Covers

Insulate your 600V-rated padmount transformer secondary terminals.



Features	Benefits/Descriptions
Made of High-Quality EPDM Molded Rubber	Provides superior flexibility and durability, withstands higher temperatures than PVC covers and eliminates age cracking — increasing operator safety.
Multiple Interlocking Snap Tabs	Assure a snug fit around spade bushings with compression terminal lugs or stud secondary bushings with set-screw type bars.
Lengths of 9" and 15" and a 10" Skirt Height	Fit in a broad range of applications and install quickly and easily.
Standards Compliant	RUS Accepted.

### Ordering Information for Insulating Covers

CAT. NO.	Length		Height	
	in.	mm	in.	mm
MPC 9	9	229	10	254
MPC 15	15	381		

## Warning Tape

Place over new or existing lines to warn others of what lies below.



Features	Benefits/Descriptions
Brilliant Yellow or Red Color	Minimizes dig-ins on U.D. lines.
Lightweight, Rugged Polyethylene	Resists high or low pH conditions.

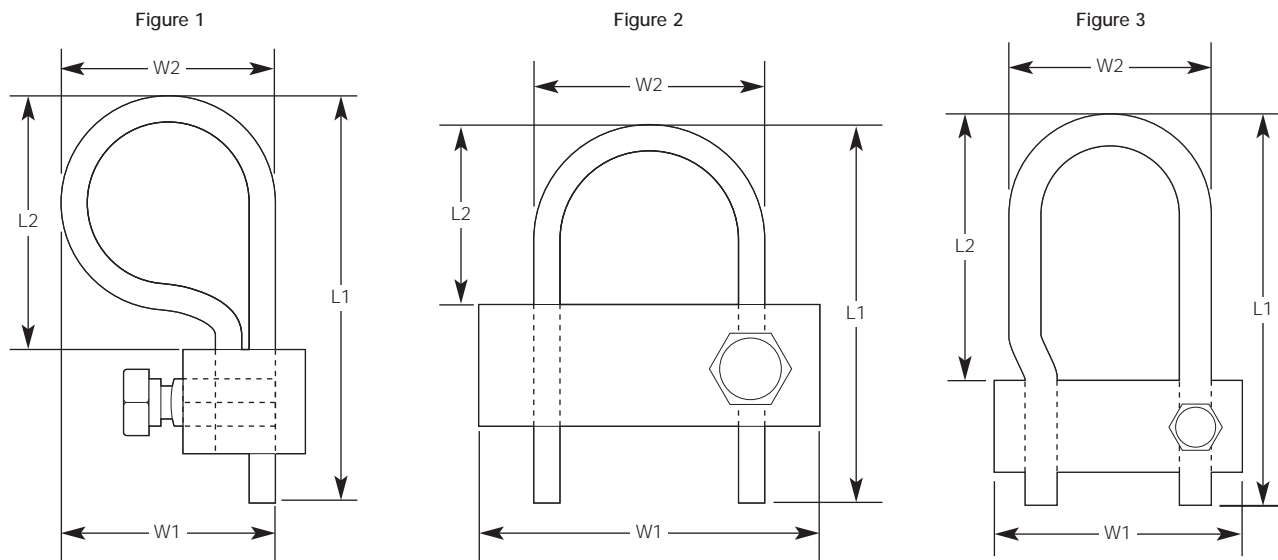
### Ordering Information for Warning Tape

CAT. NO.	Width		Length		Color
	in.	mm	ft.	m	
YT 6	6	152	1000	305	Yellow
YT 3	3	76			
RT 6	6	152			Red
RT 3	3	76			

# Equipment Locks

Rugged, reliable protection  
for your padmount transformers.

Features	Benefits/Descriptions
Shear-Head Screw	Tamper-proof security for your transformer connector equipment.
Three Models Available	Secure your equipment with a mix of all three models for added protection.



ELB



ELB 2

## Ordering Information for Equipment Locks

CAT. NO.	Figure No.	Dimensions (inches)				Alumoweld Gauge
		L1	L2	W1	W2	
ELB	1	2.13	1.25	1.06	0.94	6
ELB 2	2	2.19	1.25	2.00	1.00	4
ELB 2 A	3	3.00	1.69	2.00	1.06	4