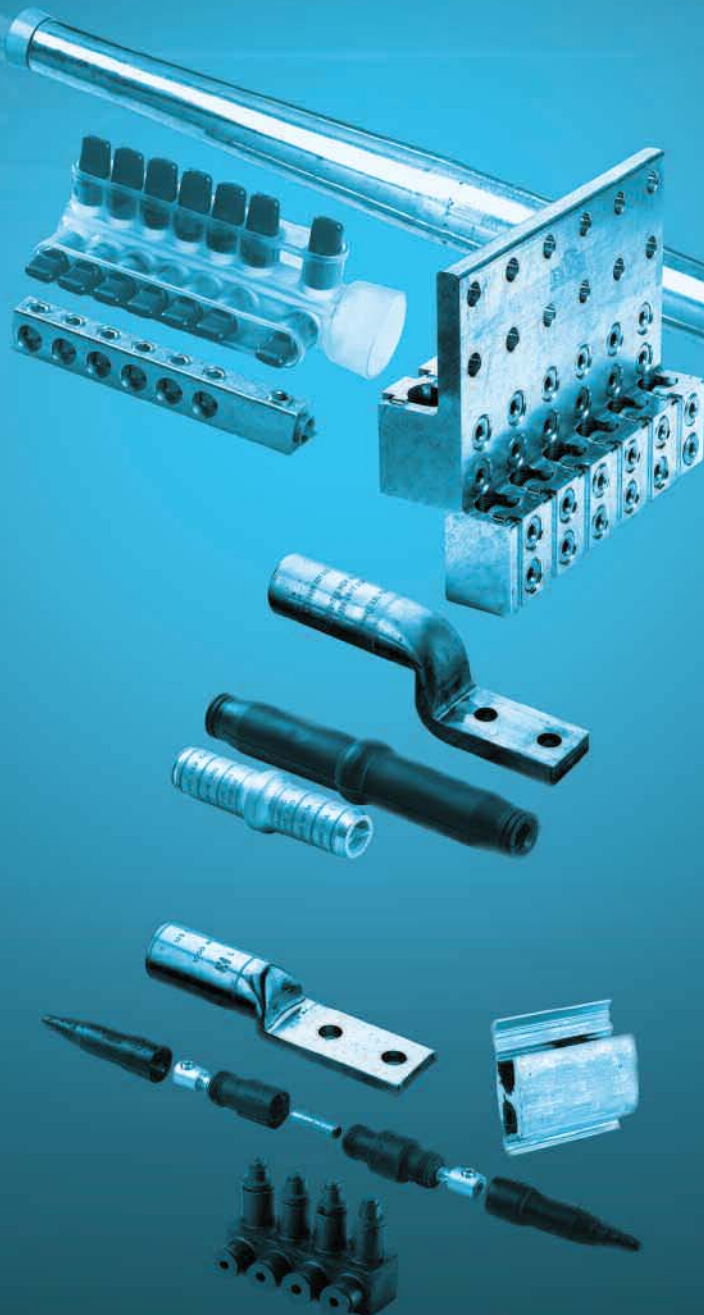




Blackburn®



Compression Connectors

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Oxide Inhibitor, Silicone Grease & Wildlife Protectors

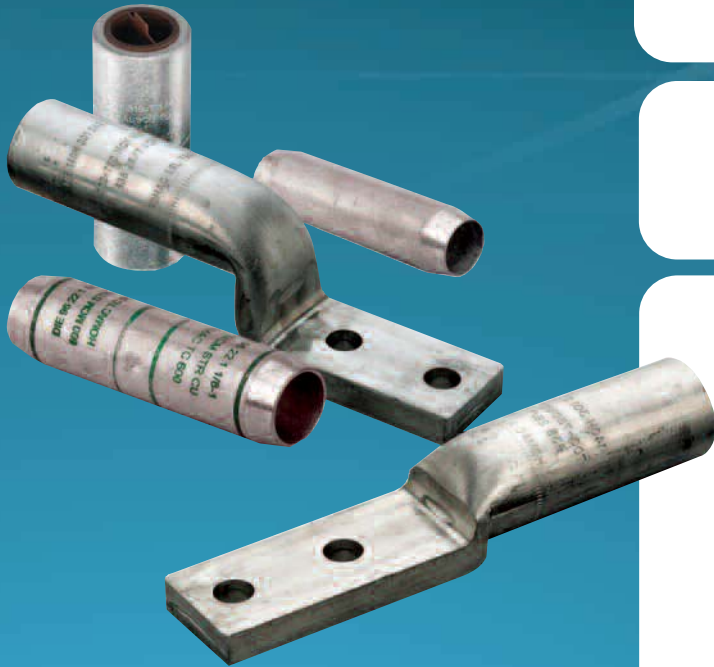
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Compression Connectors

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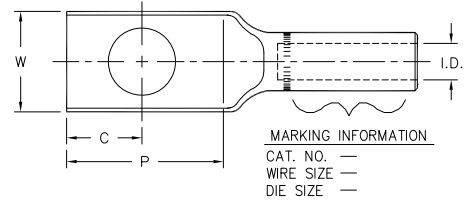
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Homac and Blackburn: The last words in completing connections.

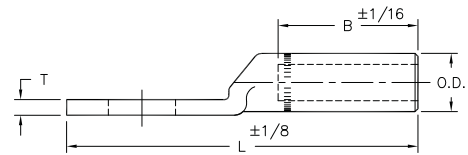
The Homac® and Blackburn® brands by Thomas & Betts provide compression connectors for wires ranging from #12 AWG to 2500 kcmil. Choose from a vast array of dual-rated aluminum lugs, copper lugs, aluminum and copper splices and copper tees. No matter your application, Thomas & Betts has everything you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

Aluminum One-Hole CSA Die Lugs

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.



OF CRIMPS & LOCATIONS TO BE DETERMINED ACCORDING TO CONNECTOR



Aluminum One-Hole CSA Die Lugs

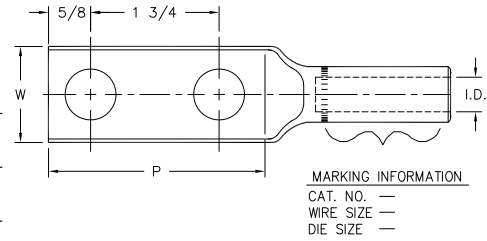
Cat. No.	Wire Size	CSA Die	O.D.	I.D.	Dimensions					
					L	B	P	W	C	T
GLE 2-48	2 str.-Compr-CPT	22	0.635	0.340	3.13	1.37	1.31	0.88	0.63	0.20
GLE 1/0-48	1/0 str.-Compr-CPT	22	0.640	0.420	3.13	1.37	1.31	0.88	0.63	0.21
GLE 2/0-48	2/0 str. Compr-CPT	24	0.840	0.503	3.44	1.37	1.31	1.14	0.63	0.28
GLE 3/0-48	3/0 str.-Compr-CPT	24	0.840	0.547	3.44	1.37	1.31	1.14	0.63	0.28
GLE 4/0-48	4/0 str.-Compr-CPT	24-6T	0.840	0.597	3.44	1.37	1.31	1.14	0.63	0.28
GLE 250-48	250 str.-Compr-CPT	26	1.000	0.620	3.75	1.63	1.31	1.25	0.63	0.36
GLE 300-48	300 str.-Compr-CPT	26-12T	1.000	0.670	3.75	1.63	1.31	1.25	0.63	0.36
GLE 350-48	350 str.-Compr-CPT	28	1.189	0.730	3.75	1.63	1.31	1.25	0.63	0.34
GLE 500-48	500 str.-Compr-CPT	28-12T	1.187	0.836	3.75	1.63	1.31	1.25	0.63	0.36
GLE 500-48-30	500 str.-Compr-CPT	30-12T	1.438	0.880	5.00	2.50	1.50	1.75	0.63	0.52
GLE 750-48	750 str.-Compr-CPT	30	1.438	1.031	5.88	3.00	1.88	1.75	0.88	0.56

Finish: Tin plate optional, use suffix "-TN"
 Material: E.C. Grade Aluminum
 Connector bores are coated with HM 53 an oxide inhibiting compound and capped
 Mounting holes sized for 1/2" bolts (9/16 hole size)
 Optional suffix "-38" for 3/8 bolts (13/32 hole size)

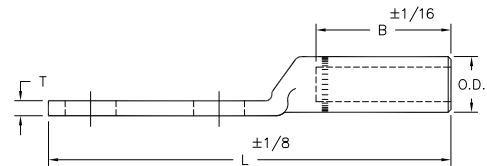
ALUMINUM LUGS

Aluminum Two-Hole CSA Die Lugs

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 Size and Die References	Easy identification.
Standards Compliant	Meet or exceed ANSI C119.4 specifications.



OF CRIMPS & LOCATIONS TO BE DETERMINED ACCORDING TO CONNECTOR



Aluminum Two-Hole CSA Die Lugs

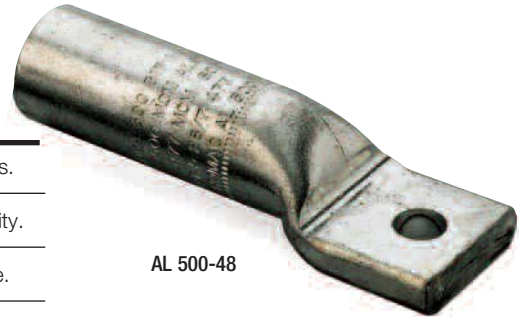
Cat. No.	Wire Size	CSA Die	O.D.	I.D.	Dimensions				
					L	B	P	W	T
GLE 2 N	2 str.—Compr—CPT	22	0.635	0.350	5.29	1.50	3.13	0.88	0.20
GLE 1/0 N	1/0 str.—Compr—CPT	22	0.640	0.420	5.25	1.50	3.18	0.87	0.21
GLE 2/0 N	2/0 str. Compr—CPT	24	0.840	0.503	5.29	1.50	3.13	1.04	0.28
GLE 3/0 N	3/0 str.—Compr—CPT	24	0.840	0.547	5.38	1.50	3.13	1.14	0.28
GLE 4/0 N	4/0 str.—Compr—CPT	24-6T	0.840	0.594	5.38	1.50	3.13	1.14	0.28
GLE 250 N	250 str.—Compr—CPT	26	1.000	0.620	6.00	2.00	3.13	1.25	0.36
GLE 300 N	300 str.—Compr—CPT	26-12T	1.000	0.670	6.00	2.00	3.13	1.25	0.36
GLE 350 N	350 str.—Compr—CPT	28	1.189	0.730	6.00	2.00	3.13	1.25	0.37
GLE 500 N	500 str.—Compr—CPT	28-12T	1.187	0.836	6.38	2.25	3.13	1.25	0.37
GLE 500 N-30	500 str.—Compr—CPT	30	1.438	0.880	6.88	2.50	3.13	1.75	0.40
GLE 750 N	750 str.—Compr—CPT	30	1.438	1.031	7.50	3.00	3.13	1.75	0.40

Finish: Tin plate optional, use suffix "-TN"
 Material: E.C. Grade Aluminum
 Connector bores are coated with HM 53 a oxide inhibiting compound and capped
 Mounting holes sized for 1/2" bolts (9/16 hole size)
 Optional suffix "-38" for 3/8 bolts (13/32 hole size)

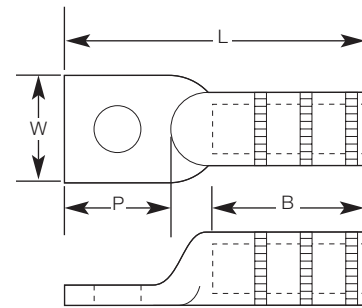
Aluminum One-Hole NEMA Lugs

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.



AL 500-48



Aluminum One-Hole NEMA Lugs

Cat. No.	Conductor Range				Bolt Size	Installing Dies	Dimensions			
	Concentric	Compressed	Compact	ACSR			B	L	P	W
AL 6-14	#6	-	-	-	1/4	TP, 29, 161, 5/16	3/4	2-5/32	7/8	9/16
AL 4-516	#4	-	-	-	5/16	TB, 37, 375, 162	15/16	2-1/4	31/32	5/8
AL 4-14		-	-	-	1/4	TB, 37, 375, 162	15/16	2-1/4	31/32	5/8
AL 2-14	#2	-	-	-	1/4	TQ, 45, 348, 163, 1/2, 6A	59/64	2-5/8	1-1/32	3/4
AL 2-38		-	-	-	3/8	TQ, 45, 348, 163, 1/2, 6A	59/64	2-5/8	1-1/32	3/4
AL 1-38	#1	-	-	-	3/8	TQ, 45, 348, 163, 1/2, 6A	59/64	2-5/8	1-1/32	3/4
AL 1/0-38	1/0	-	-	-	3/8	TU, 52, BG, 243, 5/8	1-3/8	3-1/8	1-5/16	7/8
AL 1/0-48		-	-	-	1/2	TU, 52, BG, 243, 5/8	1-3/8	3-1/8	1-5/16	7/8
AL 2/0-38	2/0	-	-	-	3/8	TW-TY, 58, 297, 5/8 -1	1-5/16	3-3/16	1-7/32	15/16
AL 2/0-48		-	-	-	1/2	TW-TY, 58, 297, 5/8 -1	1-5/16	3-3/16	1-7/32	15/16
AL 3/0-38	3/0	-	-	-	3/8	737, 467	1-9/16	3-7/16	1-5/16	1-1/16
AL 3/0-48		-	-	-	1/2	737, 467	1-9/16	3-7/16	1-5/16	1-1/16
AL 4/0-38	4/0	-	-	-	3/8	TX, 71H, 298, 840, 11A	1-7/16	3-9/16	1-11/32	1-3/16
AL 4/0-48		-	-	-	1/2	TX, 71H, 298, 840, 11A	1-7/16	3-9/16	1-11/32	1-3/16
AL 250-48	250, 4/0	-	-	4/0	1/2	TX, 76, 249, 840, 11A	1-9/16	3-5/8	1-5/16	1-15/64
AL 300-48	300, 266.8	-	350	266.8 (18/1)	1/2	TH, 87H, 251, 470, 1, 12A	2-3/16	4	1-5/16	1-3/8
AL 350-48	350, 336.4	-	400	266.8 (26/7), 336.4 (18/1)	1/2	96, 299, 655, 1-1/8-1, 13A	2-3/16	4-1/4	1-5/16	1-1/2
AL 400-48	400, 397.5	-	-	336.4 (26/7), 397.5 (18/1)	1/2	96, 299, 655, 1-1/8-1, 13A	2-1/2	4-7/8	1-1/4	1-5/8
AL 400-58		-	-	336.4 (26/7), 397.5 (18/1)	5/8	96, 299, 655, 1-1/8-1, 13A	2-1/2	4-7/8	1-1/4	1-5/8
AL 500-48	500, 477	-	600	379.5 (26/7), 477 (18/1)	1/2	106A, 300, 317, 1-5/16, 14A	3	5-7/16	1-1/2	1-3/4
AL 500-58		-	600	379.5 (26/7), 477 (18/1)	5/8	106A, 300, 317, 1-5/16, 14A	3	5-7/16	1-1/2	1-3/4
AL 600-48	600, 550	-	-	477 (26/7), 556.5 (18/1)	1/2	1-5/16, 115H, 786, 936, 473	3	5-21/32	1-9/16	1-15/16
AL 600-58		-	-	477 (26/7), 556.5 (18/1)	5/8	1-5/16, 115H, 786, 936, 473	3	5-21/32	1-9/16	1-15/16
AL 750-48	750, 700	-	-	636 (26/7)	1/2	140H, 301, 342, 1-1/2	3-3/8	6-3/8	1-7/8	1-3/4
AL 750-58		-	-	636 (26/7)	5/8	140H, 301, 342, 1-1/2	3-3/8	6-3/8	1-7/8	1-3/4
AL 800-48	800	-	-	-	1/2	1-1/2, 474, 140H	3-9/16	6-5/8	2-1/32	1-3/4
AL 800-58		-	-	-	5/8	1-1/2, 474, 140H	3-9/16	6-5/8	2-1/32	1-3/16
AL 1000-48	1000, 954	-	-	795 (26/7), 954 (45/7)	1/2	161, 292, 302, 319, 1-3/4	4-5/8	7-15/16	1-7/8	2-7/16
AL 1000-58		-	-	795 (26/7), 954 (45/7)	5/8	161, 292, 302, 319, 1-3/4	4-5/8	7-15/16	1-7/8	2-7/16

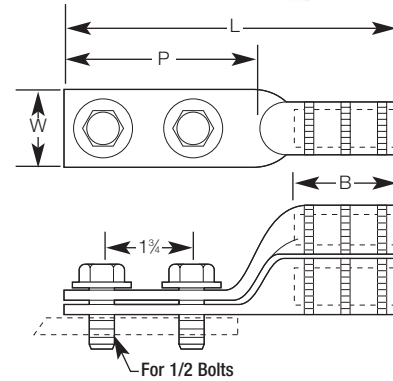
For tin plating, add "-TN" suffix to the catalogue number. All tin-plated lugs are UL Listed through 1000 kcmil. For straight lugs with tapered ends used in high-voltage applications, please consult your Thomas & Betts representative.

ALUMINUM LUGS

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.



Aluminum Two-Hole NEMA Lugs

Straight Lug Cat. No.	Stacking Lug Cat. No.	Conductor Range					Installing Dies	Dimensions			
		Concentric	Compr.	Compact	ACSR	Solid		B	L	P	W
SA 6 N	ASL 6 N	#6	#6	#6, #4	#6	4	TU, 52, BG, 243, 5/8, CSA 22	1-15/32	5-1/4	3-3/16	7/8
SA 4 N	ASL 4 N	#4	#4	-	#4	2	TU, 52, BG, 243, 5/8, CSA 22	1-15/32	5-1/4	3-3/16	7/8
SA 2 N	ASL 2 N	#2-#1	#1	#1	#2	1/0	TU, 52, BG, 243, 5/8, CSA 22	1-1/2	5-3/16	3-1/4	1
AL 1/0 N	ASL 1/0 N	1/0	-	2/0	1/0	2/0	TU, 52, BG, 243, 5/8	1-1/2	5-1/4	3-3/16	7/8
AL 2/0 N	ASL 2/0 N	2/0	-	-	-	-	TW-TY, 58, 297, 5/8-1	1-1/2	5-1/4	3-3/16	15/16
AL 3/0 N	ASL 3/0 N	3/0	-	-	-	-	TV, 66, 167, 467, 10A	1-7/16	5-1/2	3-1/4	1-1/16
AL 4/0 N	ASL 4/0 N	4/0	-	-	-	-	TX, 71H, 298, 840, 11A	1-15/16	6	3-11/32	1-15/64
AL 250 N	ASL 250 N	250, 4/0	-	250-300	4/0 (6/1)	-	TX, 76, 249, 840, 11A	1-15/16	6	3-11/32	1-15/64
AL 300 N	ASL 300 N	300, 266.8	-	350	266.8 (18/1)	-	TH, 87H, 251, 470, 1, 12A	2-3/16	6-9/16	3-9/16	1-11/32
AL 350 N	ASL 350 N	350, 336.4	-	-	266.8 (26/7), 336.4 (18/1)	-	96, 299, 655, 1-1/8-1, 705, 13A	2-3/16	6-9/16	3-11/16	1-3/4
AL 336 NSC	-	397.5-400	-	-	336.4 (26/7), 397.5 (18/1)	-	1-1/4, 99H, 317, 20AH	4-3/16	9	3-11/16	1-21/32
AL 400 N	ASL 400 N	400, 397.5	-	-	336.4 (26/7), 397.5 (18/1)	-	96, 472, 655, 1-1/8-1, 1-1/8-2, 705, 316, 13A	2-7/16	7-5/16	3-9/16	1-3/4
AL 500 N	ASL 500 N	500, 477	-	500-600	397.5 (26/7), 477 (18/1)	-	106A, 300, 317, 1-5/16, 14A, 15A	2-15/16	8-1/4	3-9/16	1-3/4
AL 500 N 608	-	500, 477	-	600	397.5 (26/7), 477 (18/1)	-	608	3-1/3	8-1/4	3-9/16	1-3/4
AL 600 N	ASL 600 N	600, 550	-	-	477 (26/7), 556.5 (18/1)	-	1-5/16, 115H, 786, 936, 473	2-15/16	7-3/4	3-5/8	1-3/4*
AL 700 N 608	-	700, 600	-	700-795	-	-	125H, 608	3-1/6	7-3/8	3-1/2	1-3/4
AL 750 N	ASL 750 N	750, 700	-	-	636 (26/7)	-	140H, 301, 342, 1-1/2	3-5/16	8-1/4	3-3/4	1-3/4*
AL 750 N 608	ASL 750 N 608	750, 700	-	-	636 (26/7)	-	125H, 608	3-3/8	8-1/4	3-5/8	1-3/4
AL 800 N	ASL 800 N	800, 795	-	-	663 (30/19), 715.5 (54/7)	-	140H, 474, 342, 724, 1-1/2	3-11/32	8-5/16	3-5/8	1-3/4*
AL 800 N 608	-	800, 700	-	-	636 (30/19), 715.5 (54/7)	-	608	3-1/3	8-1/4	3-5/8	1-3/4
AL 1000 N	ASL 1000 N	1000, 954	-	-	795 (26/7, 30/19), 954 (45/7)	-	161, 292, 302, 319, 1-3/4	4-11/16	8-9/16	3-5/8	2-7/16
AL 1000 SSN	ASL 1000 SSN	1000	-	-	-	-	161, 292, 302, 319, 1-3/4	4-11/16	9-7/8	1-7/8	2-7/16
AL 1000 NMSNP	-	1000	-	-	-	-	161, 292, 302, 319, 1-3/4	4-11/16	9-1/2	3-5/8	1-3/4
AL 954 NMSNP	-	-	-	-	954 (54/7)	-	161, 292, 302, 319, 1-3/4	4-11/16	9-3/8	3-5/8	1-3/4
AL 1250 N	ASL 1250 N	1200-1300	-	-	1113 (45/7), 1192.5 (45/7)	-	161, 727, 352	4-11/16	9-11/16	3-5/8	2-21/32
AL 1750 N	ASL 1750 N	1750	-	-	-	-	214, 735, 225	5-1/2	10-7/8	3-7/8	3-13/32
AL 2000 N	ASL 2000 N	2000	-	-	-	-	479	6-1/16	11-15/16	3-7/8	3-13/32

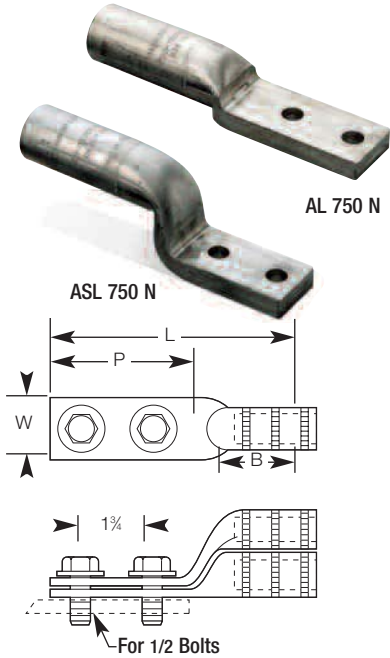
For tin plating, add "-TN" suffix to the catalogue number. All tin-plated lugs are UL Listed through 2000 kcmil. For straight lugs with tapered ends used in high-voltage applications, please consult your Thomas & Betts representative.

Trimmed to 1-3/4 maximum to fit side by side on NEMA spades.

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.



Aluminum Tin-Plated Two-Holes NEMA Lugs

Straight Lug Cat. No.	Stacking Lug Cat. No.	Conductor Range					Installing Dies	Dimensions			
		Concentric	Compr.	Compact	ACSR	Solid		B	L	P	W
SA 6 NTN	ASL 6 NTN	#6	#6	#6, #4	#6	#4	TU, 52, BG, 243, 5/8, CSA 22	1-15/32	5-1/4	3-3/16	7/8
SA 4 NTN	ASL 4 NTN	#4	#4	-	#4	#2	TU, 52, BG, 243, 5/8, CSA 22	1-15/32	5-1/4	3-3/16	7/8
SA 2 NTN	ASL 2 NTN	#2-#1	#1	#1	#2	1/0	TU, 52, BG, 243, 5/8, CSA 22	1-1/2	5-3/16	3-1/4	1
AL 1/0 NTN*	ASL 1/0 NTN*	1/0	-	2/0	1/0	2/0	TU, 52, BG, 243, 5/8	1-1/2	5-1/4	3-3/16	7/8
AL 2/0 NTN*	ASL 2/0 NTN*	2/0	-	-	-	-	TW-TY, 58, 297, 5/8-1	1-1/2	5-1/4	3-3/16	15/16
AL 3/0 NTN*	ASL 3/0 NTN*	3/0	-	-	-	-	TV, 66, 167, 467, 10A	1-7/16	5-1/2	3-1/4	1-1/16
AL 4/0 NTN*	ASL 4/0 NTN*	4/0	-	-	-	-	TX, 76, 249, 840, 11A	1-15/16	6	3-11/32	1-15/64
AL 250 NTN*	ASL 250 NTN*	250, 4/0	-	250-300	4/0 (6/1)	-	TX, 76, 249, 840, 11A	1-15/16	6	3-11/32	1-15/64
AL 300 NTN*	ASL 300 NTN*	300, 266.8	-	350	266.8 (18/1)	-	TH, 87H, 251, 470, 1, 12A	2-3/16	6-9/16	3-9/16	1-11/32
AL 350 NTN*	ASL 350 NTN*	350, 336.4	-	-	266.8 (26/7), 336.4 (18/1)	-	96, 299, 655, 1-1/8-1, 705, 13A	2-3/16	6-9/16	3-11/16	1-3/4
AL 336 NSCTN	-	397.5-400	-	-	336.4 (26/7), 397.5 (18/1)	-	1-1/4, 99H, 317, 20AH	4-3/16	9	3-11/16	1-21/32
AL 400 NTN*	ASL 400 NTN*	400, 397.5	-	-	336.4 (26/7), 397.5 (18/1)	-	96, 472, 655, 1-1/8-1, 1-1/8-2, 705, 316, 13A	2-7/16	7-5/16	3-9/16	1-3/4
AL 500 NTN*	ASL 500 NTN*	500, 477	-	500-600	397.5 (26/7), 477 (18/1)	-	106A, 300, 317, 1-5/16, 14A, 15A	2-15/16	8-1/4	3-9/16	1-3/4
AL 500 N 608 TN	-	500, 477	-	600	397.5 (26/7), 477 (18/1)	-	608	3-1/3	8-1/4	3-9/16	1-3/4
AL 600 NTN*	ASL 600 NTN*	600, 550	-	-	477 (26/7), 556.5 (18/1)	-	1-5/16, 115H, 786, 936, 473	2-15/16	7-3/4	3-5/8	1-3/4*
AL 700 N 608TN	-	700, 600	-	700-795	-	-	125H, 608	3-1/6	7-3/8	3-1/2	1-3/4
AL 750 NTN*	ASL 750 NTN*	750, 700	-	-	636 (26/7)	-	140H, 301, 342, 1-1/2	3-5/16	8-1/4	3-3/4	1-3/4*
AL 750 N 608*	ASL 750 N 608*	750, 700	-	-	636 (26/7)	-	125H, 608	3-3/8	8-1/4	3-5/8	1-3/4
AL 800 NTN*	ASL 800 NTN*	800, 795	-	-	663 (30/19), 715.5 (54/7)	-	140H, 474, 342, 724, 1-1/2	3-11/32	8-5/16	3-5/8	1-3/4*
AL 800 N 608 TN	-	800, 700	-	-	636 (30/19), 715.5 (54/7)	-	608	3-1/3	8-1/4	3-5/8	1-3/4
AL 954 NMS	-	-	-	-	954 (54/7)	-	161, 292, 302, 319, 1-3/4	4-11/16	9-3/8	1-7/8	1-3/4
AL 1000 NTN*	ASL 1000 NTN*	1000, 954	-	-	795 (26/7, 30/19), 954 (45/7)	-	161, 292, 302, 319, 1-3/4	4-9/16	8-9/16	3-5/8	2-7/16
AL 1000 SSNTN	ASL 1000 SSNTN	1000	-	-	-	-	161, 292, 302, 319, 1-3/4	4-9/16	9-7/8	3-5/8	2-7/16
AL 1000 NMS	-	1000	-	-	-	-	161, 292, 302, 319, 1-3/4	4-11/16	9-1/2	3-5/8	1-3/4
AL 1250 NTN	ASL 1250 NTN	1200-1300	-	-	1113 (45/7), 1192.5 (45/7)	-	161, 727, 352	4-11/16	9-11/16	3-5/8	2-21/32
AL 1750 NTN	ASL 1750 NTN	1750	-	-	-	-	214, 735, 225	5-1/2	10-7/8	3-7/8	3-13/32
AL 2000 NTN	ASL 2000 NTN	2000	-	-	-	-	479	6-1/16	11-15/16	3-7/8	3-13/32

* UL Listed
For two-hole lugs without tin plating, see page 9. For straight lugs with tapered ends used in high-voltage applications, please consult your Thomas & Betts representative.

ALUMINUM LUGS

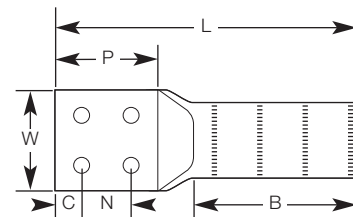
Aluminum Four-Hole NEMA Lugs

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.



AL 1000-4N



Aluminum Four-Hole NEMA Lugs

Cat. No.	Conductor Range		Installing Dies	Dimensions					
	Concentric	ACSR		B	N	C	W	P	L
AL 1000-4N	1000	—	161, 302, 292, 319, 1-3/4	4-9/16	1-3/4	5/8	3	4	10
AL 14136 X	1033.5-1300	900-1113	161, 727, 352	7-11/16			3	4-1/4	13-3/4
AL 1033-4N	—	1033.5 (54/7)	34 AH	6-3/16			3-3/8	3-11/16	12-3/4
AL 1250-4N	1250	—	161, 727, 352	4-5/8			3	3-9/16	10
AL 1272-4N	1272	—	161, 727, 352, 579	6-7/16			3	3-5/8	11-1/4
AL 1590-4N	1590	1272 (45/7)	728, 38AH, 189	8-7/16			3	3-5/8	13-1/2
AL 1750-4N	1750	—	214, 735, 40AH, 225	6-11/16		7/8	3-1/2	3-3/4	12-1/8
AL 2000-4N	1700-2000	1510.5-1590	214, 735, 40AH, 225	6-11/16			3-1/2	3-3/4	12-1/8
AL 2300-4N	2250-2300	2167 (72/7)	44AH	11-3/4		1-1/8	4	4-1/2	18-1/2
AL 2500-4N	2500	2156-2167	214	9-1/8			3-1/2	4	15-3/8

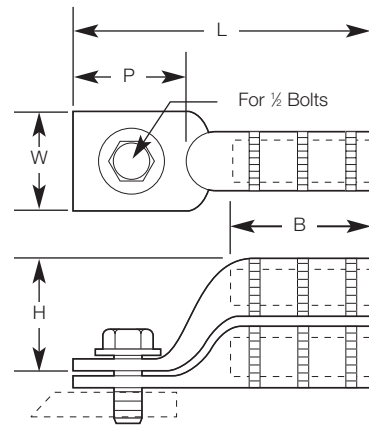
For tin-plating option, add "-TN" suffix to the catalogue number.

Aluminum One-Hole NEMA Lugs — Common Die Series

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



SA 3/0-48



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.

Aluminum One-Hole NEMA Lugs

Straight Lug Cat. No.	Stacking Lug Cat. No.	Conductor – Al or Cu					Installing Dies	Dimensions				
		Concentric	Compressed	Compact	Solid	ACSR		B	H	L	P	W
SA 12-48	-	#12	-	-	#12	-	TU, 52, BG, 243, 5/8, CSA 22	23/32	-	2-9/16	1-1/4	7/8
SA 10-48	-	#12	-	-	#12	-						
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	1-5/16	1-1/2	3-1/8	1-5/16	7/8	
SA 386-48	-	#1	1/0	1/0	-	-		-				
SA 1/0-48	SASL 1/0-48	1/0	2/0	2/0	-	1/0		1-1/2				
SA 2/0-48	SASL 2/0-48	2/0	3/0	3/0	3/0	2/0 (6/1)	1-25/64	1-3/4	3-21/64	-	1-5/32	
SA 3/0-48	SASL 3/0-48	3/0	4/0	4/0	-	3/0		1-3/16				
SA 4/0-48	SASL 4/0-48	4/0, 250	4/0, 250	250, 300	-	4/0	1-19/32	-	3-5/8	1-11/32	1-1/4	
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)	96, 299, 655, 321, 316, 13A, 1 (1/8-1), 472, CSA 28	-	3-5/8	1-11/32	1-1/4	
SA 400-48	-	336.4-400	400	500	-	336.4 (18/1), 397.5 (18/1)						

For tin-plating option, add "-TN" suffix to the catalogue 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).

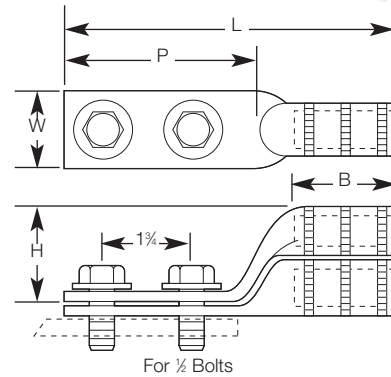
ALUMINUM LUGS

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.



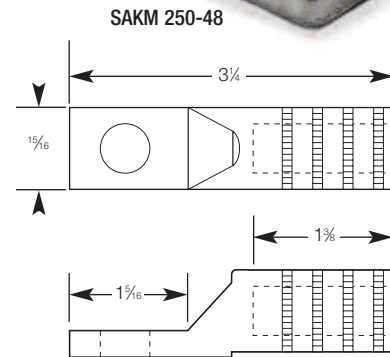
Aluminum Two-Hole NEMA Lugs

Straight Lug Cat. No.	Stacking Lug Cat. No.	Conductor – Al or Cu					Installing Dies	Dimensions				
		Concentric	Compressed	Compact	Solid	ACSR		B	H	L	P	W
SA 8 N	-	#8	-	-	#6	-	TU, 52, BG, 243, 5/8, CSA 22	1-15/16	-	5-1/8	3-3/16	7/8
SA 6 N	SASL 6 N	#6	#6	#4	#4	#6		1-15/16	1-1/2	5-1/8	3-3/16	7/8
SA 4 N	-	#4	#4	#4	#2	#4		1-15/16	-	5-1/8	3-3/16	7/8
SA 3 N	-	#2	#2	#1, #2	#1	-		1-15/16	-	5-1/8	3-3/16	7/8
SA 2 N	-	#1, #2	#1	#1	1/0	#2		1-1/2	-	5-3/16	3-1/8	1
SA 386N	-	#1, 1/0	#1, 1/0	1/0	-	#1		1-27/32	-	5-1/2	3	7/8
AL 1/0 N	SASL 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	3-3/16	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	3-5/16	1-5/32
SA 4/0 N	SASL 4/0 N	4/0, 250	4/0, 250	250, 300	-	4/0		1-15/16	1-3/16	6	3-5/16	1-7/32
SA 300 N	-	300	300	350	-	266.8 (18/1)		2-1/16	-	6-1/4	3	1-1/4
SA 350 N	-	336.4-350	350	400	-	266.8 (26/7), 336.4 (18/1)		2-3/16	-	6-1/4	3	1-1/4
SA 400 N	-	336.4-400	400	500	-	336.4 (18/1), 397.5 (18/1)	96, 299, 655, 705, 321, 316, 13A, 1 (1/8-1), 472, CSA 28	2-7/16	-	6-3/8	3	1-1/4

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.

Aluminum Meter Socket Lugs — 840 Common Die Series

1/2 Bolt Cat. No.	3/8 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.
For tin-plating option, add “-TN” suffix to the catalogue number.

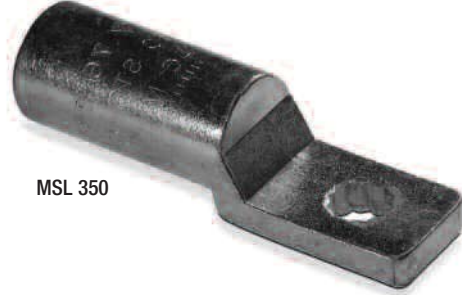
ALUMINUM LUGS

Aluminum Tin-Plated Meter Socket Lugs — Star Hole

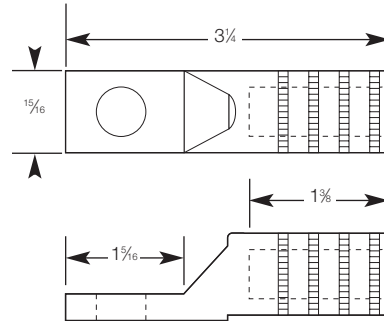
Dual-rated, corrosion-resistant lugs available with star holes.

Compression
Connectors

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



Aluminum Tin-Plated Meter Socket Lugs — Star Hole

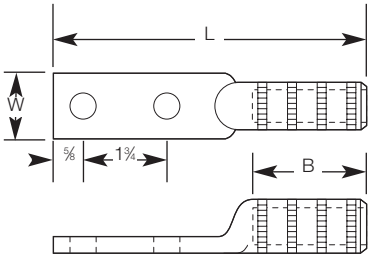
Cat. No.	Conductor Size	Installing Dies	Dimensions			
			W	L	P	B
MSL 4	#4 str. cpt.	840, 845, TX, 76, 249, 11A	15/16	3-1/4	1-5/16	1-3/8
MSL 2	#2 str. cpt. sol.					
MSL 1/0	1/0 str. cpt.					
MSL 2/0	2/0 str. cpt.					
MSL 3/0	3/0 str. cpt.					
MSL 4/0	4/0 str. cpt.					
MSL 250	250 str. cpt.					
MSL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

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.

Aluminum Two-Hole NEMA Lugs — Common Die Series

Cat. No.	Conductor Range				Installing Dies	Dimensions		
	Concentric	Compressed	Compact	ACSR		L	W	B
SAK 4 N	#4	—	—	—	TX, 76, 249, 840, 11A	5-3/4	1-1/4	2
SAK 2 N	#1, #2	—	—	#2		5-3/4	1-1/4	2
SAK 1/0 N	1/0	2/0	2/0	1/0		5-3/4	1-1/4	2
SAK 300 N	—	—	350	—		6-1/4	1-1/4	2-1/16
SAK 350 N	350	—	—	—		6-1/4	1-1/4	2-1/16
SAB 3/0 N	3/0	—	—	3/0	96, 299, 655, 1 (1/8-1), 13A	6-3/8	1-1/2	2-1/4
SAB 4/0 N	4/0, 250	—	—	4/0		6-3/8	1-1/2	2-1/4
SAB 250 N	266.8-300	—	—	266.8 (18/1)		6-3/8	1-1/2	2-1/4
SAB 500 N	477-500	—	600	397.5 (26/7, 30/7), 477 (18/1)		6-3/8	1-1/4	2-1/4
SAM 400 N	397.5-400	—	500	336.4 (30/7), 397.5 (18/1)		106, 300, 317, 1-5/16, 14A, 15A	8-29/64	1-3/4
SAM 556 N	500-556	—	—	477 (26/7), 556.5 (18/1)	8-3/8		1-3/4	3-27/32
SAM 600 N	600	—	—	—	8-3/8		1-3/4	3-27/32

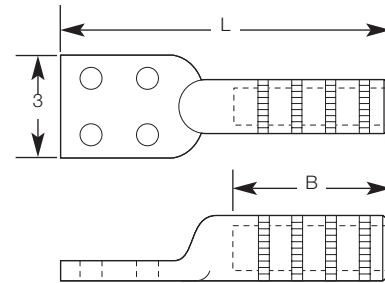
ALUMINUM LUGS

Aluminum Four-Hole NEMA Lugs — Common Die Series

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



MSL 350



Compression Connectors

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.

Aluminum Four-Hole Nema Lugs — Common Die Series

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

* Designates 2-piece welded design.

Aluminum Shrouded One-Hole Lugs — Common Die Series

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



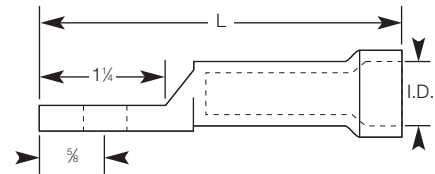
RSK 2-48

RSG 1/0-48



Style 2

Style 1



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.

Aluminum Shrouded One-Hole Lugs — Common Die Series

Cat. No.	Conductor Sizes		Shroud I.D.	Comp. Die Size	L	Style
	Concentric	Compact				
5/8 Compression Die Series						
RSK 6-48	#6	—	0.400	5/8, 8A, 243, TU, 52, BG	3-3/8	2
RSK 4-48	#4	#4	0.450			
RSK 2-48	#2, #1	#1	0.635			
RSG 1/0-48	1/0	2/0	0.640		3-5/8	1
840 Compression Die Series						
RSK 1/0-48	1/0	2/0	0.640	840, 11A, 249, 76, TX	3-3/4	2
RSK 2/0-48	2/0	3/0	0.750			
RSK 3/0-48	3/0	4/0	0.750			
RSK 4/0-48	4/0	4/0	0.750			
RSK 250-48	4/0-250	350	0.812			
RSK 350-48	350	—	0.927	4-7/16	1	
1-1/8 Compression Die Series						
RSB 300-48	300	300	0.927	1 (1/8-1), 12A, 96, 299, 655	4-1/2	2
RSB 350-48	350	300	0.927			

For tin-plating option, add "-TN" suffix to the catalogue number.
 To order a terminal lug for a 3/8" stud, change a catalogue number's "-48" suffix (designating a 1/2" stud) to a "-38" suffix.
 To order with hardware as kits, add "-TMH" suffix to the catalogue number.

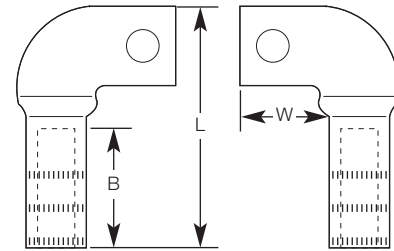
ALUMINUM LUGS

Aluminum Tin-Plated One-Hole Lugs

For application in meter pans and in other metal-enclosed gear to convenience 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.



Aluminum Tin-Plated One-Hole Lugs

Left-Hand Lug Cat. No.	Right-Hand Lug Cat. No.	Conductor Sizes			Installing Dies	Dimensions		
		Concentric	Compressed	Compact		B	L	W
AL 1/0-48 LTN	AL 1/0-48 RTN	1/0	1/0	2/0	5/8, BG, TU	1-3/8	2-11/16	1-3/8
AL 2/0-48 LTN	AL 2/0-48 RTN	2/0	2/0	-	1-5/8, 297, TW-TY	1-3/8	2-11/16	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	1-5/16, 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

For NEMA-drilled lugs, substitute a "-NLTN" suffix for a "-48 xTN" suffix to the catalogue number. Thus AL 350-48 RTN becomes AL 350-NLTN. NEMA drilling is 2-9/16" holes on 1-3/4" centers.

Aluminum Multi-Range Die-Less Lugs

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

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	Enables easy identification.



AL 4/0 NTN

Fig. 1

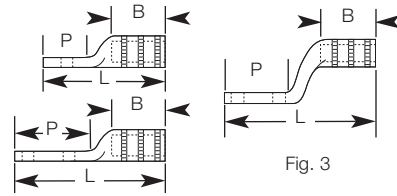


Fig. 2

Fig. 3

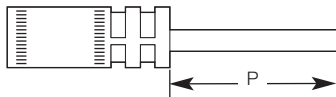
Aluminum Multi-Range Die-Less Lugs

Cat. No.	Conductor Range Alum. or Copper	Tool	Figure	Bolt Size	Dimensions		
					B	L	P
AL 1/0-48 TN	#6 str.-1/0 str.	VC 5/VC 6	1	1/2	1-3/8	3-3/16	1-5/16
AL 1/0 NTN	#6 str.-1/0 str.		2		1-3/8	5-1/4	3-1/4
ASL 1/0 NTN	#6 str.-1/0 str.		3		1-3/8	5-1/4	3
AL 4/0-48 TN	#2 str.-4/0 str.		1		1-7/16	3-9/16	1-3/8
AL 4/0 NTN	#2 str.-4/0 str.		2		2	6	3-5/16
ASL 4/0 NTN	#2 str.-4/0 str.		3		2	6	3
AL 300-48 TN	1/0 str.-300	VC 6	1		2-1/4	4	1-5/16
AL 300 NTN	1/0 str.-300		2		2-1/4	6-9/16	3-9/16
AASL 300 NTN	1/0 str.-300		3		2-1/4	6-9/16	3
SAB 500-48 TN	4/0 str.-500		1		2-1/2	4-9/16	1-1/2
SAB 500 NTN	4/0 str.-500		2		2-1/4	6-3/8	3-1/8
AASL 500 NTN	4/0 str.-500		3		2-1/2	6-7/8	2-7/8
AL 750 N 608 TN	4/0 str.-750	VC 8	2	3-3/4	8-1/4	3-3/8	

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 catalogue 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.

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	0.102	0.398	VC 5/6	#2	6
PTA 4/0	#4 sol.-4/0 ACSR	0.204	0.563	VC 5/6	2/0	
PTA 350	2/0 str.-336.4 (18/1) ACSR	0.414	0.684	VC 6	4/0	

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

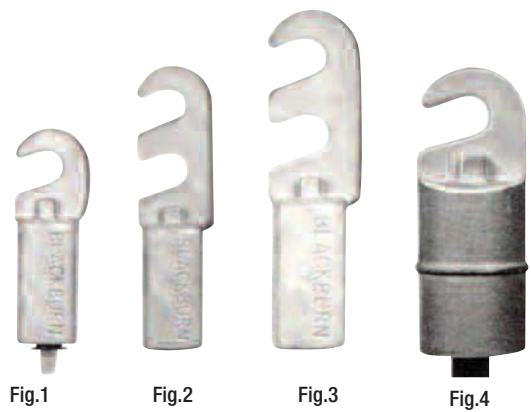
ALUMINUM LUGS

Compression Connectors

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.



Slotted-Tang Compression Terminal Lugs

Cat. No.	Colour Code	Conductor Size			Fig. No.	Installation Dies	
		Concentric	Compressed Compact	Sol.		Mech. Tool	Hydr. Tool
LAC6	Blue	#6 str.	#6	#5	1	BY37, 840	B49EA, U-K840
LAC4	Orange	#4 str.	#4	#3			
LAC3	Purple	#3 str.	-	#2			
LAC2	Red	#2 str.	#2	#1			
LAC1	White	#1 str.	#1	1/0			
LAC10	Yellow	1/0 str.	1/0	2/0	2	BY37, 840U	B49EA, K840
LAC20	Grey	2/0 str.	2/0	3/0			
LAC30	Black	3/0 str.	3/0	4/0			
LAC40	Pink	4/0 str.	4/0	-			
LAC42	Orange	#4 str.	#4	#3			
LAC32	Purple	#3 str.	-	#2			
LAC22	Red	#2 str.	#2	#1			
LAC12	White	#1 str.	#1	1/0			
LAC102	Yellow	1/0 str.	1/0	2/0			
LAC202	Grey	2/0 str.	2/0	3/0			
LAC302	Black	3/0 str.	3/0	4/0	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	-	B80EA, 1.1, 655
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.



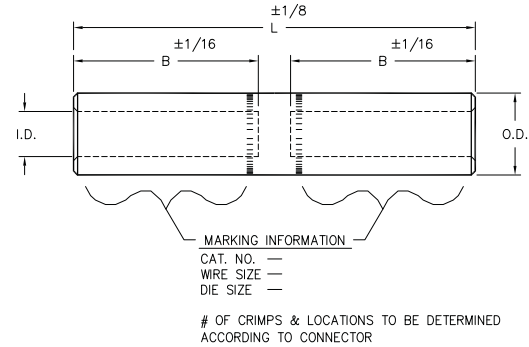
Features	Benefits/Descriptions
Aluminum Barrel	Provides high strength.
Tin-Plated Copper Pad	Provides high conductivity and corrosion resistance.
Prefilled with Oxide Inhibitor	Prevents oxidation and keeps out moisture.

Bi-Metallic Lugs

Cat. No.	Conductor Size		Bolt Size
	ACSR	AL	
CPL Series – One Hole			
CPL 4-48	#4	#4	1/2
CPL 2-48	#2	#2	
CPL 1/0-48	1/0	1/0	
CPL 4/0-48	4/0	4/0	
CPL-N Series – Two Hole			
CPL 4 N	#4	#4	1/2
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 CSA Non-Tension Splices

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.



Aluminum CSA Non-Tension Splices

Cat. No.	Wire Size	CSA Die	O.D.	I.D.	Dimensions	
					L	B
GLE 2	2 str.—Compr—CPT	22	0.635	0.340	2.00	0.96
GLE 1/0	1/0 str.—Compr—CPT	22	0.635	0.420	2.00	0.96
GLE 2/0	2/0 str.—Compr—CPT	24	0.840	0.503	2.13	0.96
GLE 3/0	3/0 str.—Compr—CPT	24	0.840	0.547	2.75	1.31
GLE 4/0	4/0 str.—Compr—CPT	24-6T	0.840	0.594	2.75	1.31
GLE 250	250 str.—Compr—CPT	26	1.000	0.620	3.13	1.44
GLE 300	300 str.—Compr—CPT	26-12T	1.000	0.670	3.13	1.44
GLE 350	350 str.—Compr—CPT	28	1.189	0.730	4.00	1.88
GLE 500	500 str.—Compr—CPT	28-12T	1.189	0.835	4.00	1.88
GLE 500-30	500 str.—Compr—CPT	30-12T	1.438	0.880	4.50	2.13
GLE 750	750 str.—Compr—CPT	30	1.438	1.031	4.50	2.13

Finish: Tin plate optional, use suffix "TN"
 Material: E.C. Grade Aluminum
 Connector bores are coated with HM 53 a oxide inhibiting compound and capped

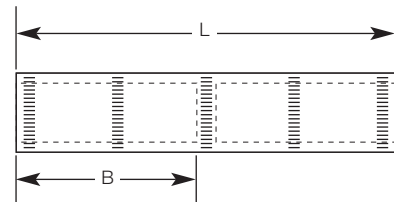
Aluminum Tin-Plated Straight Splices

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.



ASC 1000



Aluminum Tin-Plated Straight Splice

Cat. No.	Conductor Range			Dimensions		Installing Dies
	Concentric	Compact	ACSR	L	B	
ASC 6	#6	-	-	1-5/8	3/4	TP, 29, 161, 5/16
ASC 4	#4	-	-	2	1	TB, 37, 375, 162
ASC 2	#2	-	-	2	15/16	TQ, 45, 348, 163, 1/2, 6A
ASC 1	#1	-	-	2	15/16	TQ, 45, 348, 163, 1/2
ASC 1/0	1/0	-	-	2-1/4	31/32	TU, 52, BG, 243, 5/8
ASC 2/0	2/0	-	-	2-5/16	1-3/32	TW-TY, 58, 297, 5/8-1
ASC 3/0	3/0	-	-	2-5/8	1-1/4	TV, 66, 167, 467, 10A
ASC 4/0	4/0	-	-	2-3/4	1-5/16	TX, 71H, 298, 840, 11A
ASC 250	4/0-250	300	4/0	2-15/16	1-3/8	TX, 76, 249, 840, 11A
ASC 300	266.8-300	350	266.8 (18/1)	3-1/8	1-7/16	TH, 87H, 251, 470, 1, 12A
ASC 350	336.4-350	400	266.8 (26/7), 336.4 (18/1)	3-3/8	1-39/64	96, 299, 655, 1 (1/8-1), 13A
ASC 400	397.5-400	-	336.4 (26/7), 397.5 (18/1)	3-3/4	1-3/4	96, 472, 655, 1 (1/8-1), 13A
ASC 500	477-500	600	397.5 (26/7), 477 (18/1)	3-7/8	1-27/32	106A, 300, 317, 1-5/16, 14A
ASC 600	550-600	-	477 (26/7), 556.5 (18/1)	4-1/8	1-15/16	1-5/16, 115H, 786, 936, 473
ASC 750	700-750	-	636 (26/7)	4-11/16	2-7/32	140H, 301, 342, 1-1/2
ASC 750-608*	700-750	-	636 (26/7)	4-11/16	2-7/32	125H, 608, 786, 1-1/2, 936
ASC 800	800	-	-	4-3/4	2-1/4	140H, 342, 474, 1-1/2
ASC 1000	954-1000	-	795 (26/7), 954 (45/7)	5-1/4	2-3/8	161, 292, 302, 319, 1-3/4
ASC 1250	1250	-	-	8	3-11/16	161, 727, 352, 1-7/8
ASC 1500	1500	-	-	6-1/2	3-1/8	189, 478, 728

* Not UL Listed.
For splices with tin-plating, add "-TN" suffix to the catalogue number. Splices with tin-plating are UL Listed through 1000 kcmil.

ALUMINUM SPLICES

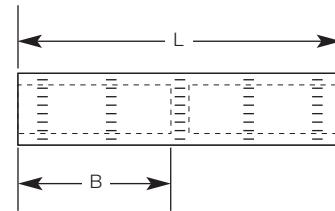
Aluminum Straight Splices

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.



AC 1000



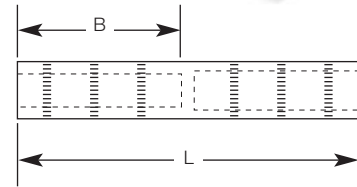
Aluminum Straight Splices

Cat. No.	Conductor Range			Dimensions		Installing Dies	
	Concentric	Compact	ACSR	L	B		
AC 4	#4	-	-	2-1/4	1	TB, 37, 375	
AC 2	#2		-	3-15/32	1-37/64	TQ, 45, 348, 163, 1/2	
AC 1	#1		-	3-15/32	1-37/64	TQ, 45, 348, 163, 1/2	
AC 1/0	1/0		-	3-11/16	1-13/32	TU, 52, BG, 243, 5/8, 8A	
AC 2/0	2/0	-	-	3-11/16	1-13/32	TU, 52, BG, 243, 5/8, 8A	
AC 3/0	3/0		-	4	1-3/4	TV, 66, 167, 781, 247, 10A	
AC 4/0	4/0	250	-	3-3/4	1-3/4	TX, 71H, 298, 840, 660, 11A	
AC 250	4/0-250	-	4/0	5-1/4	2-5/16	TX, 76, 249, 840, 11A	
AC 300	266.8-300		266.8 (18/1)	5-3/4	2-11/16	TH, 87H, 251, 840, 470, 12A	
AC 350	336.4-350		266.8 (26/7), 336.4 (18/1)	6-5/8	3-1/8	96, 299, 655, 1 (1/8-1), 13A	
AC 400	397.5-400		336.4 (26/7), 397.5 (18/1)	7-9/32	3-1/2	96, 472, 655, 705, 1 (1/8-1), 13A	
AC 500	477-500		600	397.5 (26/7, 30/7), 477 (18/1)	7-19/32	3-37/64	106A, 300, 317, 1-5/16, 14A
AC 600	600		-	477 (26/7), 556.5 (18/1)	7-27/32	3-47/64	1-5/16, 115H, 786, 936, 473
AC 750	700-750			636 (26/7)	8-9/32	3-31/32	140H, 301, 342, 1-1/2
AC 800	750-800			636 (30/19), 715.5 (54/7)	8-1/2	4-1/16	140H, 474, 342, 724, 1-1/2H, 1-5/8
AC 1000	954-1000			795 (26/7), 954 (45/7)	9-15/16	4-9/32	161, 292, 302, 319, 1-3/4

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

Aluminum Straight Reducing Splices

Cat. No.	Wire Size		Dimensions		Installing Dies
	From	To	L	B	
AC 2 R 4	#2	#4	4-9/16	1-7/8	TQ, 45, 348, 6A, 1/2
AC 1/0 R 2	1/0	#2	4-9/16	1-7/8	8A, BG, TU, 5/8
AC 2/0 R 1	2/0	#1	4-9/16	1-7/8	TWTY, 60, 245, 9A, 5/8, 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	5-1/4	2-1/8	TX, 71H, 298, 11A, 840
AC 250 R 3/0	250	3/0	5-1/4	2-1/8	840, 11A, 249, TX
AC 300 R 4/0	300	4/0	8-3/16	3-17/32	96, 299, 1-1/8
AC 350 R 4/0	350	4/0	8-3/16	3-17/32	96, 299, 1-1/8
AC 400 R 250	400	250	8-19/32	3-11/16	96, 472, 1-1/8
AC 500 R 300	500	300	8-19/32	3-13/16	106, 300, 317, 1-5/16
AC 500 R 350	500	350	8-11/16	3-13/16	106, 300, 317, 1-5/16
AC 500 R 400	500	400	8-7/8	3-13/16	106, 300, 317, 1-5/16
AC 600 R 350	600	350	8-7/8	3-15/16	115, 473, 1-5/16
AC 600 R 500	600	500	9-1/4	3-15/16	115, 473, 1-5/16
AC 750 R 500	750	500	9-5/8	4-7/32	140, 301, 1-1/2
AC 750 R 600	750	600	9-5/8	4-7/32	140, 301, 1-1/2
AC 1000 R 500	1000	500	9-7/8	4-5/8	161, 302, 1-3/4
AC 1000 R 750	1000	750	9-7/8	4-5/8	161, 302, 1-3/4

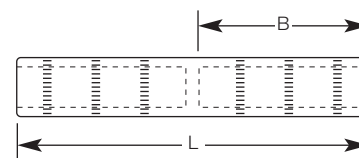
For tin-plating option, add "-TN" suffix to the catalogue number.

ALUMINUM SPLICES

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.



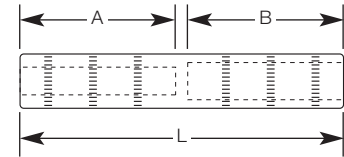
Aluminum Straight Splices — Common Die Series

Cat. No.	Conductor Range				Dimensions		Installing Dies
	Concentric	Compressed	Compact	Solid	B	L	
SAC 4	#4	#4	#4	—	1-13/32	3	5/8, 8A, BG, TU, 52
SAC 2	#2	#2	#1, #2	#1	1-13/32		CSA 22, 5/8, 8A, BG
SAC 1	#1	#1	1/0	1/0	1-13/32		CSA 22, 5/8, 8A, BG
SAC 1/0	1/0	1/0	2/0	2/0	1-13/32		CSA 22, 5/8, 8A, BG
SAC 2/0	2/0	2/0	3/0	3/0	1-7/8	4	840, 249, TX, CSA 24
SAC 3/0	3/0	3/0	4/0	—	1-7/8		840, 249, TX, CSA 24, 845
SAC 4/0	4/0	4/0	4/0, 250	—	1-7/8		840, 249, TX, CSA 24, 845
SAC 250	250	250	—	—	1-7/8		840, 249, TX, CSA 24, 11A
SAC 300	300	300	—	—	2-3/8	5	96, 299, 655, 1 (1/8-1), 13A
SAC 350	350	350	—	—	2-3/8		96, 299, 655, 321, 1 (1/8-1), 13A
SAC 400	400	400	500	—	2-5/8	5-11/16	106A, 300, 317, 15A
SAC 500	477-500	—	600	—	2-5/8		106A, 300, 317, 1-5/16, 15A
SAC 600	600	—	—	—	3-3/8	7	1-1/2, 140, 301, 724
SAC 750	700-750	—	—	—	3-13/32		140H, 301, 342, 724, 1-1/2
SAC 1000	1000	—	—	—	3-5/16		1-3/4, 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.



Aluminum Straight Reducing Splices — Common Die Series

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	—	1-7/16	3	CSA 22, 5/8, 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	1-7/8	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			
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	2-3/8	5	96, 299, 655, 1 (1/8-1), 13A
SAC 350 R 1/0	350	—	—	1/0	2/0	2/0			
SAC 350 R 2/0	350	—	—	2/0	3/0	3/0			
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	—	—	2-21/32	5-11/16	1-5/16, 15A, 300, 106, 317
SAC 500 R 1/0	500	—	—	1/0	—	—			
SAC 500 R 2/0	500	—	—	2/0	—	—			
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	—	—			
SAC 750 R 4/0	750	—	—	4/0	250	—			
SAC 750 R 250	750	—	—	250	—	—	3	6-1/4	140H, 301, 342
SAC 750 R 350	750	—	—	350	—	—			
SAC 750 R 500	750	—	—	500	—	—			
SAC 1000 R 400	1000	—	—	400	—	—			
SAC 1000 R 500	1000	—	—	500	—	—	3-3/8	7	161, 302, 292, 319, 1-3/4
SAC 1000 R 750	1000	—	—	750	—	—			

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

ALUMINUM SPLICES

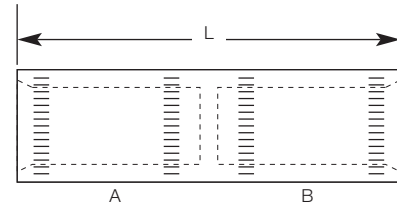
Aluminum Tin-Plated Straight Splices — 5/8 Common Die Series

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

Compression
Connectors



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.
Colour-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.



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			2-1/8
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			

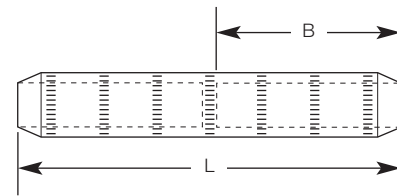
For watertight protection, see the FSS 20 Flood-Seal® insulating splice cover on page 61.

Aluminum Tapered Splices

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



ATC 1000



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.

Aluminum Tapered Splices

Cat. No.	Concentric	Dimensions		Installing Dies
		L	B	
ATC 3	#3	2-23/32	1-9/32	1/2, TQ, 6A, 163
ATC 2	#2	2-23/32	1-9/32	1/2, TQ, 6A, 163
ATC 1	#1	3	1-13/32	TU, 52, BG, 243, 5/8, 8A
ATC 1/0	1/0	3	1-13/32	5/8, TU, BG, 296
ATC 2/0	2/0	3-1/16	1-3/8	TW-TY, 58, 297, 5/8-1
ATC 3/0	3/0	3	1-3/8	TV, 66, 247
ATC 4/0	4/0	3-23/32	1-23/32	TX, 71H, 298, 840
ATC 250	250	3-21/32	1-49/64	TX, 76, 249, 840, 11A
ATC 300	300	4-5/16	2-1/32	1, TH, 87H, 470, 251, 12A
ATC 350	350	5	2-21/64	96, 472, 655, 1 (1/8-1), 13A
ATC 400	400	5-7/32	2-25/64	96, 472, 655, 705, 1 (1/8-1), 13A
ATC 500	500	5-1/2	2-19/32	1-5/16, 106A, 300, 317, 15A
ATC 600	600	5-29/32	2-13/16	115H, 786, 936, -1-5/16
ATC 750	700-750	6-63/64	3-3/8	140H, 301, 342, 1-1/2
ATC 800	795-800	7-5/16	3-15/32	140, 1-1/2, 1-5/8
ATC 1000	1000	8-27/32	4-7/64	161, 302, 292, 319, 1-3/4
ATC 1250	1250	9-3/4	4-11/16	161, 352, 579, 30AH
ATC 1500	1500	9-3/4	4-11/16	189R, 478, L46GART
ATC 1750	1750	11-1/2	5-7/32	189, 728, 38AH
ATC 2000	2000	14	6-13/16	189, 478, 728

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

ALUMINUM SPLICES

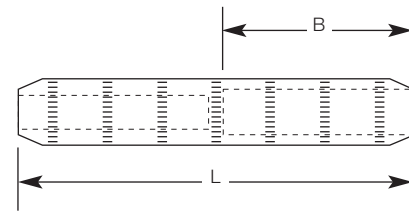
Aluminum Tapered Reducing Splices

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 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.



ATC 1000 R 500



Compression Connectors

Aluminum Tapered Reducing Splices

Cat. No.	Wire Size		Dimensions		Installing Dies
	From	To	L	B	
ATC 2 R 4	#2	#4	2-7/8	1-3/8	1/2
ATC 1/0 R 4	1/0	#4	3	1-7/16	249, 840, TX, 76, 11A
ATC 1/0 R 2	1/0	#2	3	1-7/16	
ATC 2/0 R 2	2/0	#2	4	1-7/8	
ATC 2/0 R 1/0	2/0	1/0	4	1-7/8	
ATC 3/0 R 1/0	3/0	1/0	4	1-7/8	
ATC 4/0 R 1/0	4/0	1/0	4	1-7/8	
ATC 4/0 R 2/0	4/0	2/0	4	1-7/8	
ATC 4/0 R 2	4/0	#2	4	1-7/8	
ATC 250 R 3/0	250	3/0	4	1-7/8	
ATC 350 R 2	350	#2	4-15/16	2-3/8	
ATC 350 R 1/0	350	1/0	4-15/16	2-3/8	
ATC 350 R 2/0	350	2/0	4-15/16	2-3/8	
ATC 350 R 3/0	350	3/0	4-15/16	2-3/8	
ATC 350 R 4/0	350	4/0	4-15/16	2-3/8	
ATC 350 R 250	350	250	4-15/16	2-3/8	
ATC 500 R 2	500	#2	5-5/8	2-9/16	300, 317, 1-5/16, 106, 15A
ATC 500 R 1/0	500	1/0	5-5/8	2-9/16	
ATC 500 R 2/0	500	2/0	5-5/8	2-9/16	
ATC 500 R 4/0	500	4/0	5-5/8	2-9/16	
ATC 500 R 250	500	250	5-5/8	2-9/16	
ATC 500 R 300	500	300	5-5/8	2-9/16	
ATD 500 R 350-608	500	350	5-5/8	2-9/16	125H, 608, 786, 936
ATC 750 R 2	750	#2	9-7/8	4-3/8	301, 1-1/2, 140, 342
ATC 750 R 1/0	750	1/0	9-7/8	4-3/8	
ATC 750 R 4/0	750	4/0	9-7/8	4-3/8	
ATC 750 R 350	750	350	9-7/8	4-3/8	
ATC 750 R 500	750	500	9-7/8	4-3/8	
ATC 750 R 500-608	750	500	9-7/8	4-3/8	
ATC 1000 R 500	1000	500	9-7/8	4-3/8	302, 161, 292, 319, 727
ATC 1000 R 750	1000	750	9-7/8	4-3/8	
ATC 1250 R 750	1250	750	9-7/8	4-3/8	

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

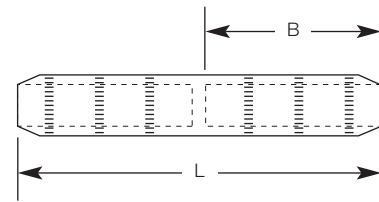


Aluminum Tapered Splices — Common Die Series

Entire conductor range is installed with six common dies.



SATC 4/0



Features	Benefits/Descriptions
Solid Center Stop	Assures proper cable insertion, prevents moisture migration.
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.

Aluminum Tapered Splices — Common Die Series

Cat. No.	Wire Size	Dimensions		Installing Dies
		L	B	
SATC 4	#4	3	1-7/16	52, TU, 243, 5/8, BG
SATC 2	#2		1-7/16	
SATC 1	#1		1-7/16	
SATC 1/0	1/0		1-7/16	
SATC 2/0	2/0	4	1-7/16	TX, 76, 11A, 249, 840
SATC 3/0	3/0		1-7/16	
SATC 4/0	4/0		1-7/8	
SATC 250	250	5	1-7/16	96, 13A, 1 (1/8-1), 299, 321, 655
SATC 300	300		2-5/16	
SATC 350	350	5-1/2	2-5/16	96, 472, 655, 1 (1/8-1), 13A
SATC 400	400		2-5/8	
SATC 500	500		2-5/8	
SATC 750	700-750	7	3-3/8	140, 301, 342, 1-1/2

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

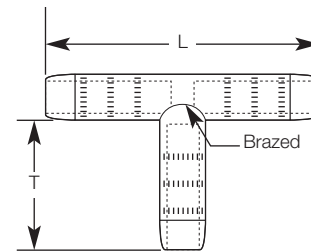
ALUMINUM TEES

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.

Aluminum Tees

Cat. No.	Conductor Range		Dimensions			
	Run	Tap	L	T		
AT 2-4	#2	#4	5-1/2	2-1/2		
AT 2-2		#2				
AT 1/0-4	1/0	#4				
AT 1/0-2		#2				
AT 1/0-1/0	1/0					
AT 2/0-2	2/0	#2			6	3
AT 2/0-1/0		1/0				
AT 2/0-2/0		2/0				
AT 3/0-2	3/0	#2				
AT 3/0-1/0		1/0				
AT 3/0-3/0		3/0				
AT 4/0-2	4/0	#2	6	3		
AT 4/0-1/0		1/0				
AT 4/0-2/0		2/0				
AT 4/0-4/0	4/0					
AT 250-2	250	#2			6	3-1/8
AT 250-1/0		1/0				
AT 250-2/0		2/0				
AT 250-3/0		3/0				
AT 250-250		250				
AT 300-1/0	300	1/0	6-5/8	3-1/8		
AT 300-2/0		2/0				
AT 300-4/0		4/0				
AT 300-300		300				

Cat. No.	Conductor Range		Dimensions		
	Run	Tap	L	T	
AT 350-2	350	#2	6-5/8	2-1/2	
AT 350-1/0		1/0		2-1/2	
AT 350-3/0		3/0		3	
AT 350-4/0		4/0		3	
AT 350-350	350	350	3-1/8		
AT 500-1/0	500	1/0	8	3	
AT 500-4/0		4/0		3	
AT 500-350		350		3-1/8	
AT 500-500	500	500		3-1/8	
AT 750-1/0	750	1/0		9	2-1/2
AT 750-4/0		4/0			3
AT 750-350		350	3-1/8		
AT 750-500	500	3-7/8			
AT 750-750	750	750	3-1/2		
AT 1000-4/0	1000	4/0	9-7/8		3-1/8
AT 1000-350		350		3-1/8	
AT 1000-500		500		5-1/2	
AT 1000-750		750		7-1/8	
AT 1000-1000	1000	1000	7-1/8		

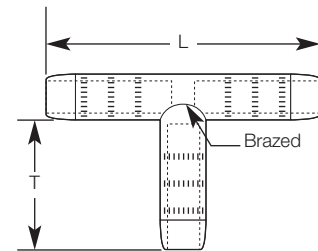
For tin-plating option, add "-TN" suffix to the catalogue number.
For other available sizes, please consult your Thomas & Betts representative.

Aluminum Tapered Tees

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



ATT 350-350



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.

Aluminum Tapered Tees

Cat. No.	Conductor Range		Dimensions	
	Run	Tap	L	T
ATT 2-4	#2	#4	4-1/4	2-1/2
ATT 2-2		#2		2-1/2
ATT 1/0-4	1/0	#4	5-1/2	2-1/2
ATT 1/0-2		#2		2-1/2
ATT 1/0-1/0		1/0		2-1/2
ATT 2/0-2	2/0	#2	6	2-1/2
ATT 2/0-1/0		1/0		2-1/2
ATT 2/0-2/0		2/0		2-1/2
ATT 3/0-2	3/0	#2	6-5/8	3
ATT 3/0-1/0		1/0		3
ATT 3/0-3/0		3/0		3
ATT 4/0-2	4/0	#2	6-5/8	2-1/2
ATT 4/0-1/0		1/0		2-1/2
ATT 4/0-2/0		2/0		2-1/2
ATT 4/0-4/0	250	4/0	6-5/8	3
ATT 250-2		#2		3
ATT 250-1/0		1/0		3
ATT 250-2/0	300	2/0	6-5/8	3
ATT 250-3/0		3/0		3
ATT 250-250		250		3
ATT 300-1/0	300	1/0	6-5/8	3-1/8
ATT 300-2/0		2/0		3-1/8
ATT 300-4/0		4/0		3-1/8
ATT 300-300		300		3-1/8

Cat. No.	Conductor Range		Dimensions	
	Run	Tap	L	T
ATT 350-2	350	#2	6-5/8	2-1/2
ATT 350-1/0		1/0		2-1/2
ATT 350-3/0		3/0		3
ATT 350-4/0	400	4/0	7-3/4	3
ATT 350-350		350		3-1/4
ATT 400-1/0		1/0		4
ATT 400-4/0	500	4/0	8	4
ATT 400-400		400		4
ATT 500-1/0		1/0		4
ATT 500-4/0	750	4/0	9	3
ATT 500-350		350		3-1/8
ATT 500-500		500		5-1/2
ATT 750-1/0	1000	1/0	9-7/8	3
ATT 750-4/0		4/0		3
ATT 750-350		350		3-1/8
ATT 750-500	1500	500	14	5-1/2
ATT 750-750		750		4
ATT 1000-4/0		4/0		3-1/8
ATT 1000-350	1500	350	14	3-1/8
ATT 1000-500		500		5-1/2
ATT 1000-750		750		6
ATT 1000-1000	1500	1000	14	6
ATT 1500-1500		1500		6

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

COPPER LUGS

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.



L 750-48

Compression
Connectors

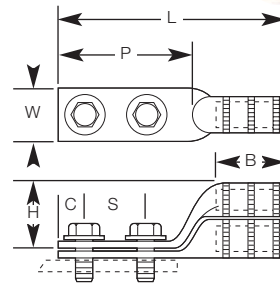
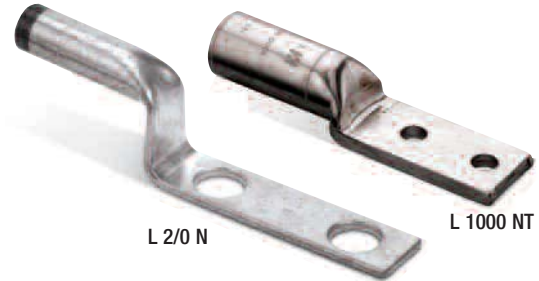
Copper Tin-Plated One-Hole Lugs


Cat. No.	Wire Size	Bolt Size	Installing Dies
L 8-10	#8	10	TC, 21, 171, 236
L 8-14		1/4	
L 8-38		3/8	
L 8-48		1/2	
L 6-10	#6	10	7, TE, 24
L 6-14		1/4	
L 6-516		5/16	
L 6-38		3/8	
L 4-10	#4	10	5/16, 8, TP, 29, 161
L 4-14		1/4	
L 4-516		5/16	
L 4-38		3/8	
L 2-14	#2	1/4	3/8, 10, TL-TN, 33, 162
L 2-516		5/16	
L 2-38		3/8	
L 2-48		1/2	
L 1-14	#1	1/4	11, TB, 37
L 1-516		5/16	
L 1-38		3/8	
L 1-48		1/2	
L 1/0-516	1/0	5/16	1/2, 12, TQ, 42, 163
L 1/0-38		3/8	
L 1/0-48		1/2	
L 2/0-516	2/0	5/16	13, TS, 45, 164, 241
L 2/0-38		3/8	
L 2/0-48		1/2	

Cat. No.	Wire Size	Bolt Size	Installing Dies
L 3/0-516	3/0	5-16	5/8, 14, TU, 50, 243, BG
L 3/0-38		3/8	
L 3/0-48		1/2	
L 4/0-516	4/0	5/16	15, TW-TY, 54, 243
L 4/0-38		3/8	
L 4/0-48		1/2	
L 250-38	250	3/8	11/16, 16, TR, 60, 166
L 250-48		1/2	
L 300-38	300	3/8	781, 17, TV, 66
L 300-48		1/2	
L 300-58		5/8	
L 350-38	350	3/8	840, 18, TX, 71
L 350-48		1/2	
L 350-58		5/8	
L 400-48	400	1/2	840, 19, TX, 76
L 400-58		5/8	
L 500-48	500	1/2	20, TH, 87, 281
L 500-58		5/8	
L 600-48	600	1/2	1 (1/8)-1, 96
L 600-58		5/8	
L 750-48	750	1/2	1 (1/8)-2, 106
L 750-58		5/8	
L 750-68		3/4	
L 1000-48	1000	1/2	642, 125
L 1000-58		5/8	
L 1000-68		3/4	

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 3/4" and 1/2" bolt hole centers for added versatility. For other available combinations, please consult your Thomas & Betts representative.
Standards Compliant 	UL Listed and CSA Certified.

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

Straight Lug Cat. No.	Stacking Lug Cat. No.	Wire Size	Bolt Size	Installing Dies	Dimensions						
					B	C	L	P	S	W	H
L 6-214	-	#6	1/4	7, TE, 27	1-1/8	5/16	2-13/16	1-5/16	5/8	7/16	-
L 6-2516	-		5/16		1-1/8	5/16	2-11/16	1-5/16	5/8	7/16	-
L 6 N	-		1/2		1-1/8	5/8	5	3-1/8	1-3/4	3/4	-
L 4-214	-	#4	1/4	5/16, 8, TP, 29, IC, 1	1-1/8	5/16	2-3/4	1-5/16	5/8	1/2	-
L 4-2516	-		5/16		1-1/8	5/16	2-3/4	1-5/16	5/8	1/2	-
L 4 N	-		1/2		1-1/8	5/8	5	3-1/8	1-3/4	3/4	-
L 2-214	-	#2	1/4	3/8, 10, TL-TN, 33, 162	1-1/4	3/8	3-1/8	1-1/2	5/8	5/8	-
L 2-2516	-		5/16		1-1/4	3/8	3-5/16	1-5/8	3/4 - 7/8	5/8	-
L 2 N	-		1/2		1-1/4	5/8	4-3/4	3	1-5/16	3/4	-
L 1-214	-	#1	1/4	3/8, 11, TB, 37	1-3/8	3/8	3-3/8	1-5/8	5/8	11/16	-
L 1-2516	-		5/16		1-1/2	5/16	3-3/8	1-5/8	3/4 - 7/8	11/16	-
L 1 N	-		1/2		1-1/2	5/8	4-7/8	3	1-3/4	3/4	-
L 1/0-238	-	1/0	3/8	1/2, 12, TQ, 42, 163	1-3/8	3/8	3-7/16	1-5/8	7/8	3/4	-
L 1/0-2516	-		5/16		1-3/8	3/8	3-7/16	1-5/8	3/4 - 7/8	3/4	-
L 1/0 N	-		1/2		1-7/16	5/8	4-7/8	3	1-3/4	3/4	-
L 2/0-238	-	2/0	3/8	9/16, 13, TS, 45, 164	1-1/2	5/8	5-1/16	3	1-3/4	7/8	-
L 2/0 N	SL 2/0 N		1/2		1-1/2	5/8	5-1/16	3	1-3/4	7/8	1-1/2
L 3/0-238	-		3/8		1-1/2	5/8	5-1/8	3	1-3/4	15/16	-
L 3/0 N	SL 3/0 N	3/0	1/2	5/8, 14, TU, 50, BG	1-1/2	5/8	5-1/8	3	1-3/4	15/16	1-5/8
L 4/0-238	-		3/8		1-5/8	5/8	5-3/16	3	1-3/4	11/16	-
L 4/0 N	SL 4/0 N		1/2		1-5/8	5/8	5-3/16	3	1-3/4	11/16	1-9/16
L 250-238	-	250	3/8	11/16, 16, TR, 60, 116	1-11/16	5/8	5-3/16	3	1-3/4	1-1/8	-
L 250 N	SL 250 N		1/2		1-11/16	5/8	5-7/16	3	1-3/4	1-1/8	1-11/16
L 300-238	-		3/8		2	5/8	5-3/4	3	1-3/4	1-1/4	-
L 300 N	SL 300 N	300	1/2	781, 17, TV, 66, 11/16	2	5/8	5-3/4	3	1-3/4	1-1/4	1-3/4
L 350-238	-		3/8		2	5/8	5-3/4	3	1-3/4	1-15/16	-
L 350 N	SL 350 N		1/2		1-7/8	5/8	5-3/4	3	1-3/4	1-15/16	-
L 400-238	-	400	3/8	15/16, 19, TX, 76, 840	2-1/8	5/8	6	3-1/16	1-3/4	1-7/16	-
L 400 N	SL 400 N		1/2		2-1/8	5/8	6	3-1/8	1-3/4	1-7/16	2-1/8
L 500 N	SL 500 N		500		1/2	1, 20, TH, 87, 251	2-1/4	5/8	6-1/16	3-1/8	1-3/4
L 600 N	SL 600 N	600	1/2	1 (1/8-1), 22, 96	2-5/8	5/8	6-3/4	3-1/8	1-3/4	1-11/16	2-3/16
L 750 N	SL 750 N	750	1/2	1-5/16, 106, 24	2-13/16	5/8	7	3-1/8	1-3/4	1-3/4	2-5/8
L 1000 NT	SL 1000 NT	1000	1/2	27, 1-1/2, 125	2-15/16	5/8	7-1/4	3-1/4	1-3/4	1-3/4	3
L 1250 N	-	1250	1/2	150, 29, 1-5/8	3	5/8	7-3/8	3-3/8	1-3/4	2-3/16	-
L 1500 N	-	1500	1/2	1-3/4, 31, 150	3-3/16	5/8	7-1/2	3	1-3/4	2-11/16	-
L 2000 N	-	2000	1/2	2.00, 34, 175	3-3/16	5/8	8-1/16	3-3/16	1-3/4	3-1/16	-

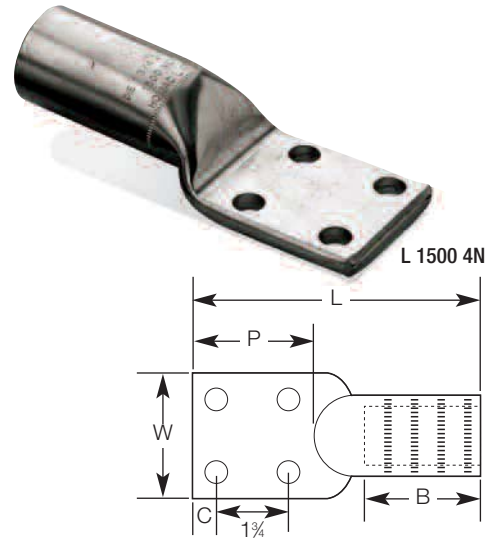
NOTE: The "N" suffix on the catalogue number indicates NEMA bolt spacing of 1-3/4". For other available sizes, please consult your Thomas & Betts representative. L 1250 N, L 1500 N and L 2000 N are not UL Listed or CSA Certified.

COPPER LUGS

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.



Compression Connectors

Copper Tin-Plated Four-Hole NEMA Lugs

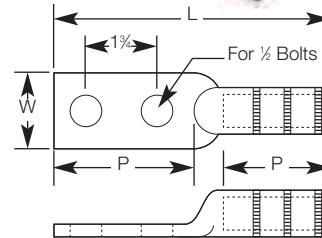
Cat. No.	Wire Size	Bolt Size	Installing Dies	Dimensions				
				B	C	L	P	W
L 750 4N	750	1/2	106, 21, 209, 1-5/16	4-3/8	5/8	8-7/8	3-3/16	3
L 1000 4N	1000		786, 1-1/2, 27, 125, 642	4-3/8		9-1/8	3-5/16	3
L 1500 4N	1500		1-3/4, 31, 150, 302	3-3/16		7-1/2	3	2-5/8
L 2000 4N	2000		2.00, 34, 175	3-3/16		8-1/16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

Copper Heavy-Duty Two-Hole NEMA Lugs

Heavy-wall lugs for grounding and other critical applications.



HDL 1000 N



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.

Copper Heavy-Duty Two-Hole NEMA Lugs

Cat. No.	Wire Size	Installing Dies	Dimensions			
			B	L	P	W
HDL 2 N	#2	TQ, 42, 183, 1/2	1-1/2	5-1/4	3	13/16
HDL 1 N	#1	TS, 45, 241, 1/2	1-1/2	5-1/4	3	13/16
HDL 1/0 N	1/0	TU, 50, 165, 5/8	1-1/2	5-1/4	3	13/16
HDL 2/0 N	2/0	TZ, 166, 5/8-1	1-3/4	5-1/2	3	15/16
HDL 3/0 N	3/0	60, 16, 166, 206	1-11/16	5-3/16	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	1-1/4
HDL 300 N	300	87, 170, 1	2-1/4	5-13/16	3	1-3/8
HDL 350 N	350	96, 276, 1 (1/8)-1	2-5/16	6-9/16	3	1-9/16
HDL 500 N	500	112, 210, 1-5/16	2-5/8	6-3/8	3	1-3/4
HDL 750 N	750	138, 627, 1-5/8	3-3/8	7-3/16	3	2-3/16
HDL 1000 N	1000	160, 345, 2	4-5/8	9-5/8	3-5/8	2-5/8

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

COPPER LUGS

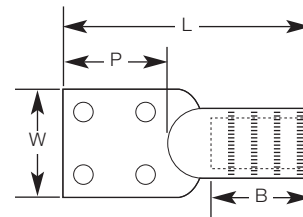
Copper Heavy-Duty Four-Hole NEMA Lugs

Heavy-wall lugs for grounding and other critical applications.



Compression
Connectors

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.



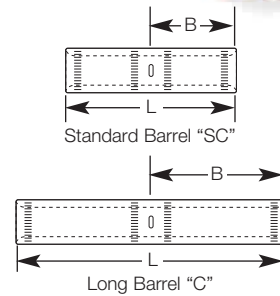
Copper Heavy-Duty Four-Hole NEMA Lugs



Cat. No.	Wire Size	Installing Dies	Dimensions			
			B	L	P	W
HDL 4/0 4N	4/0	71, 168, 840	1-3/4	4-3/4	3	3
HDL 350 4N	350	96, 267, 1 (1/8-1)	2-5/16	6-9/16		
HDL 500 4N	500	112, 210, 1-5/16	3-1/8	6-3/8		
HDL 750 4N	750	138, 627, 1-5/8	3-7/8	8-1/4		
HDL 1000N	1000	160, 345, 2	4-5/8	9-5/8		

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

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	7/16	1-1/16	1-1/16	2-1/4	TC, 21, 236
SC 6	C 6	#6	13/16	1-3/4	1-1/8	2-3/8	TE, 24
SC 4	C 4	#4	13/16	1-3/4	1-1/8	2-3/8	5/16, 8, 29, 161, TP
SC 2	C 2	#2	7/8	1-7/8	1-1/4	2-5/8	3/8, 10, TL-TN, 33, 162
SC 1	C 1	#1	7/8	1-7/8	1-3/8	2-7/8	11, TB, 37
SC 1/0	C 1/0	1/0	7/8	1-7/8	1-3/8	2-7/8	1/2, 12, TQ, 42, 163
SC 2/0	C 2/0	2/0	15/16	2	1-1/2	3-1/8	9/16, 13, TS, 45, 164
SC 3/0	C 3/0	3/0	1	2-1/8	1-1/2	3-1/8	5/8, 14, TU, 50, 243, BG
SC 4/0	C 4/0	4/0	1	2-1/8	1-5/8	3-3/8	5/8-1, 15, TW-TY, 54
SC 250	C 250	250	1-1/16	2-1/4	1-5/8	3-3/8	11/16, 16, TR, 60, 166
SC 300	C 300	300	1-1/16	2-1/4	2	4-1/8	17, 66, TV, 781
SC 350	C 350	350	1-1/8	2-3/8	2	4-1/8	840, 18, TX, 71, 168, 208
SC 400	C 400	400	1-3/16	2-1/2	2-1/8	4-3/8	15/16, 19, TX, 76, 840
SC 500	C 500	500	1-3/8	2-7/8	2-1/4	4-5/8	1, 20, TH, 87, 251
SC 600	C 600	600	1-3/8	2-7/8	2-11/16	5-1/2	1 (1/8)-1, 22, 96
SC 750	C 750	750	1-5/8	3-3/8	2-7/8	5-7/8	1-1/8, 2, 24, 106
SC 1000	C 1000	1000	1-7/8	3-7/8	3	6-1/8	1-1/2, 27, 125, 642
SC 1500	C 1500	1500	2	4-1/8	3-3/16	6-1/2	1-3/4, 31, 150
SC 2000	C 2000	2000	2-1/4	4-5/8	3-7/16	7	2.00, 34, 175

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

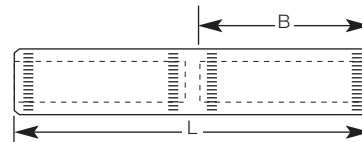
COPPER SPLICES

Copper Tin-Plated Straight Oil-Stop Splices

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



PC 1000



Compression Connectors

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

Copper Tin-Plated Straight Oil-Stop Splices

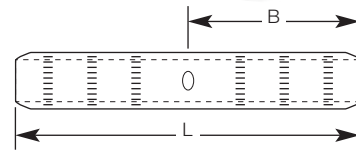
Cat. No.	Wire Size	Installing Dies	Dimensions	
			B	L
PC 6	#6	7, TE, 24	1-1/8	2-3/8
PC 4	#4	5/16, 8, TP, 29, 161	1-1/8	2-3/8
PC 2	#2	3/8, 10, TL-TN, 162	1-1/4	2-5/8
PC 1	#1	3/8, 11, TB, 37, 276	1-3/8	2-7/8
PC 1/0	1/0	1/2, 12, TQ, 42, 163	1-3/8	2-7/8
PC 2/0	2/0	9/16, 13, TS, 164, 45	1-1/2	3-1/8
PC 3/0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

Copper Tin-Plated Tapered Splices

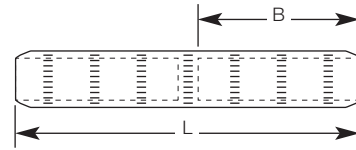
High-voltage, oil, harsh environments — these splices can handle it all.



TC 600



"TC" Dimple Style



"PTC" Solid Center Oil Stop

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.

Copper Tin-Plated Tapered Splices

Dimpled Center Stop Cat. No.	Solid Center Oil Stop Cat. No.	Wire Size	Installing Dies	Dimensions	
				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	9/16, 13, TS, 45	1-1/32	2-7/32
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	11/16, 16, TR, 60	1-7/32	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	1-5/16, 24, 106	2-1/16	4-7/32
TC 800	PTC 800	800	1-5/16, 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 TEES

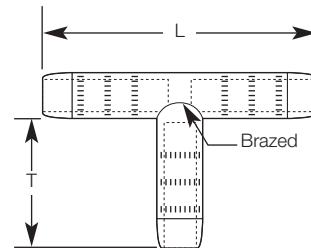
Copper Tin-Plated Tees

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

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



250 T 250



Compression
Connectors

Copper Tin-Plated Tees

Cat. No.	Conductor Size		
	Run	Tap	
2 T 2	#2	#2	
1/0 T 6	1/0	#6	
1/0 T 4		#4	
1/0 T 2		#2	
1/0 T 1		#1	
1/0 T 1/0		1/0	
2/0 T 6	2/0	#6	
2/0 T 4		#4	
2/0 T 2		#2	
2/0 T 1		#1	
2/0 T 1/0		1/0	
2/0 T 2/0	2/0		
3/0 T 1/0	3/0	1/0	
3/0 T 3/0		3/0	
4/0 T 2		#2	
4/0 T 1	4/0	#1	
4/0 T 1/0		1/0	
4/0 T 2/0		2/0	
4/0 T 4/0		4/0	
250 T 2		250	#2
250 T 1	#1		
250 T 1/0	1/0		
250 T 2/0	2/0		
250 T 4/0	4/0		
250 T 250	250		
300 T 300	300		300

Cat. No.	Conductor Size	
	Run	Tap
350 T 1/0	350	1/0
350 T 2/0		2/0
350 T 4/0		4/0
350 T 350		350
400 T 1/0	400	1/0
400 T 2/0		2/0
400 T 4/0		4/0
400 T 250		250
400 T 300		300
400 T 350		350
400 T 400	400	
500 T 1/0	500	1/0
500 T 2/0		2/0
500 T 4/0		4/0
500 T 250		250
500 T 350		350
500 T 400		400
500 T 500	500	
600 T 2/0	600	2/0
600 T 4/0		4/0
600 T 350		350
600 T 500		500
600 T 600	600	
750 T 350	750	350
750 T 500		500
750 T 750		750
1000 T 500	1000	500
1000 T 1000		1000

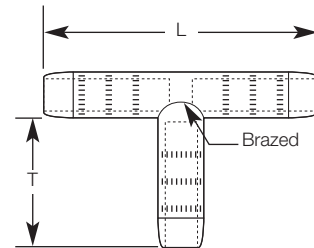
Copper Tin-Plated Tapered Tees

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.



TT 350-350



Copper Tin-Plated Tapered Tees

Cat. No.	Run	Tap	Dimensions	
			L	T
TT 2-2	#2	#2	3-11/16	1-1/2
TT 1/0-6	1/0	#6	3-3/16	1-1/2
TT 1/0-4		#4	3-13/16	1-1/2
TT 1/0-2		#2	3-7/8	1-1/2
TT 1/0-1		#1	3-15/16	1-1/2
TT 1/0-1/0	1/0	1/0	4	1-1/2
TT 2/0-6	2/0	#6	3-29/32	1-1/2
TT 2/0-4		#4	3-31/32	1-1/2
TT 2/0-2		#2	4-1/32	1-1/2
TT 2/0-1		#1	4-3/32	1-1/2
TT 2/0-1/0		1/0	4-5/32	1-1/2
TT 2/0-2/0		2/0	4-5/32	1-1/2
TT 3/0-1/0	3/0	1/0	4-7/16	1-5/8
TT 3/0-3/0		3/0	4-7/16	1-7/8
TT 4/0-2	4/0	#2	4-3/16	1-3/4
TT 4/0-1		#1	4-3/16	1-3/4
TT 4/0-1/0		1/0	4-1/4	1-3/4
TT 4/0-2/0		2/0	4-5/16	1-3/4
TT 4/0-4/0	4/0	4-7/16	1-3/4	
TT 250-2	250	#2	4-1/4	1-3/4
TT 250-1		#1	4-1/4	1-3/4
TT 250-1/0		1/0	4-5/16	1-3/4
TT 250-2/0		2/0	4-3/8	1-3/4
TT 250-4/0		4/0	4-1/2	1-3/4
TT 250-250		250	4-9/16	1-3/4
TT 300-300		300	4-9/16	1-3/4

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

Cat. No.	Run	Tap	Dimensions	
			L	T
TT 350-1/0	350	1/0	5-37/64	2-13/16
TT 350-2/0		2/0	5-37/64	2-13/16
TT 350-4/0		4/0	5-23/32	2-13/16
TT 350-350		350	5-29/32	2-13/16
TT 400-1/0	400	1/0	5-21/32	2-3/8
TT 400-2/0		2/0	5-21/32	2-3/8
TT 400-4/0		4/0	5-25/32	2-3/8
TT 400-250		250	5-27/32	2-3/8
TT 400-300	300	5-29/32	2-3/8	
TT 400-400	400	6-1/32	2-3/8	
TT 500-1/0	500	1/0	6-23/64	2-19/32
TT 500-2/0		2/0	6-23/64	2-19/32
TT 500-4/0		4/0	6-15/32	2-19/32
TT 500-250		250	6-17/32	2-19/32
TT 500-350	350	6-21/32	2-19/32	
TT 500-400	400	6-23/32	2-19/32	
TT 500-500	500	6-23/32	2-19/32	
TT 600-2/0	600	2/0	7-3/16	3-3/32
TT 600-4/0		4/0	7-7/16	3-3/32
TT 600-350		350	7-9/16	3-3/32
TT 600-500		500	7-11/16	3-3/32
TT 600-600	600	7-7/8	3-3/32	
TT 750-350	750	350	9-1/2	4-1/4
TT 750-500		500	9-1/2	4-1/4
TT 750-750		750	9-1/2	4-1/4
TT 1000-500	1000	500	9-1/2	4-1/4
TT 1000-1000		1000	9-1/2	4-1/4

COPPER TEES

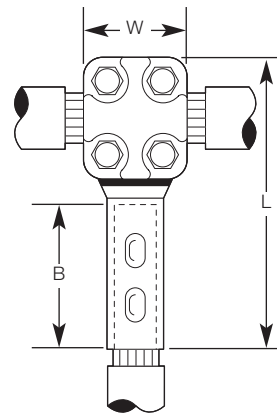
Copper Tin-Plated Clamp Tee Connectors

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.



2131-20



Compression Connectors

Copper Tin-Plated Clamp Tee Connectors

Cat. No.	Conductor Size		Dimensions		
	Run	Tap	L	T	W
2131-1	750	2/0 str.	1-1/2	4-7/8	2-1/16
2131-2		4/0 str.	1-5/8	5	
2131-3		250	1-5/8	5	
2131-4		350	2	5-3/8	
2131-5		500	2-1/4	5-3/8	
2131-6		750	2-7/8	6-1/4	
2131-7	1000	2/0 str.	1-1/2	4-7/8	
2131-8		4/0 str.	1-5/8	5	
2131-9		250	1-5/8	5	
2131-10		350	2	5-3/8	
2131-11		500	2-1/4	5-5/8	
2131-12		750	2-7/8	6-1/4	
2131-13	1500	1000	3	6-3/8	
2131-14		2/0 str.	1-1/2	4-7/8	
2131-15		4/0 str.	1-5/8	5	
2131-16		250	1-5/8	5	
2131-17		350	2	5-3/8	
2131-18		500	2-1/4	5-3/8	
2131-19		750	2-7/8	6-1/4	
2131-20		1000	3	6-3/8	
2131-21		1500	3-3/16	6-7/8	
2131-22		2000	3-1/4	8	2-1/2

ALUMINUM AND COPPER LUG TEE TAPS

Aluminum and Copper NEMA Lug Tee Taps for Cable Buses

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

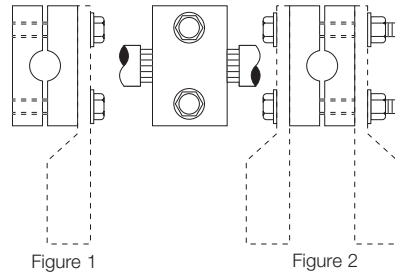


Figure 1

Figure 2

Tin-Plated Aluminum NEMA Lug Tee Taps

Cat. No.	Main Conductor	Figure Number/Taps	Width
ANLTT 4/0	4/0	2	1-1/2
ANLTT 350	350		1-1/2
ANLTT 500	500		1-1/2
ANLTT 750	750		1-3/4
ANLTT 1000	1000		1-3/4
ANLTT 1500	1500	1	2-1/2
ANLT 4/0	4/0		1-1/2
ANLT 350	350		1-1/2
ANLT 500	500		1-1/2
ANLT 750	750		1-3/4
ANLT 1000	1000		1-3/4
ANLT 1500	1500	2-1/2	

Tin-Plated Copper NEMA Lug Tee Taps

Cat. No.	Main Conductor	Figure Number/Taps	Width
NLTT 4/0	4/0	2	1-1/2
NLTT 350	350		1-1/2
NLTT 500	500		1-1/2
NLTT 750	750		1-3/4
NLTT 1000	1000		1-3/4
NLTT 1500	1500	1	2-1/2
NLT 4/0	4/0		1-1/2
NLT 350	350		1-1/2
NLT 500	500		1-1/2
NLT 750	750		1-3/4
NLT 1000	1000		1-3/4
NLT 1500	1500	2-1/2	

For insulating covers, see page 61. For sizes not listed, please consult your Thomas & Betts representative.



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.

QUICK REFERENCE

In-Line Splices Underground Distribution

page(s)

Aluminum Compression
Splice Kits 48-51

Aluminum Mechanical
Splice Kits 52

Copper Compression
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Lighting Mechanical
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Lighting Disconnect Kits . . . 57-60

Insulating Covers 61

Cable End Caps 62

Pipe/Conduit Seals 63

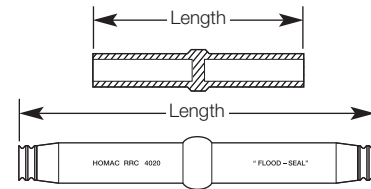
ALUMINUM COMPRESSION SPLICE KITS

Aluminum Flood-Seal® Compression Splice Kits

Dissipate heat and make perfect watertight seals.



RRK 500



Underground
Distribution

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.

Aluminum Flood-Seal® Compression Splice Kits

Cat. No.	Colour Code	Wire Size		Connector Length	Insulator Length	Installing Dies	Strip Length
		From	To				
RRK 4	Orange	#4	#4	2	5-1/2	1/2 (3)	1
RRK 2	Red	#2	#2	3	5-1/2	5/8 (5)	1-1/2
RRK 24	Red/Orange	#2	#4			5/8 (5)	
RRK 1	Red	#1	#1			5/8 (5)	
RRK 10	Yellow	1/0	1/0	3	5-1/2	5/8 (5)	1-1/2
RRK 102	Yellow/Red	1/0	#2			5/8 (5)	
RRK 20	Grey	2/0	2/0			5/8 (5)	
RRK 201	Grey/Red	2/0	#1	3	5-1/2	5/8 (5)	1-1/2
RRK 202	Grey/Red	2/0	#2			5/8 (5)	
RRK 2010	Grey/Yellow	2/0	1/0			5/8 (5)	
RRK 30	Black	3/0	3/0	4-1/4	7-1/4	5/8 (7)	2-1/4
RRK 3010	Black/Yellow	3/0	1/0			5/8 (5)	
RRK 3020	Black/Grey	3/0	2/0			5/8 (7)	
RRK 40	Pink	4/0	4/0	4-1/4	7-1/4	5/8 (7)	2-1/4
RRK 4010	Pink/Yellow	4/0	1/0			5/8 (7)	
RRK 4020	Pink/Grey	4/0	2/0			5/8 (7)	
RRK 4030	Pink/Black	4/0	3/0	4-1/2	7-1/2	5/8 (7)	2-1/4
RRK 40-840	Pink	4/0	4/0			840, 249, 11A	
RRK 250	None	250	250			840, 249, 11A	
RRK 300	None	300	300	4-1/2	7-1/2	840, TX, 76, 249, 11A	2-1/4
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	4-1/2	7-1/2	840, TX, 76, 249, 11A	2-1/4
RRK 500	None	500	500			6-3/4	

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

ALUMINUM COMPRESSION SPLICE KITS

Aluminum Heat-Shrink Compression Splice Kits

Heat-shrink tubing creates sealed, watertight splices.



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.

Underground Distribution

Aluminum Heat-Shrink Compression Splice Kits

Cat. No.	Colour Code	Wire Size		Connector Length	Insulator Length	Installing Dies	Strip Length
		From	To				
RRK 4 HS	Orange	#4	#4	2	5-1/2	1/2 (3)	1
RRK 2 HS	Red	#2	#2	3	5-1/2	5/8 (5)	1-1/2
RRK 24 HS	Red/Orange	#2	#4			5/8 (5)	
RRK 1 HS	Red	#1	#1			5/8 (5)	
RRK 10 HS	Yellow	1/0	1/0			5/8 (5)	
RRK 102 HS	Yellow/Red	1/0	#2			5/8 (5)	
RRK 20 HS	Grey	2/0	2/0			5/8 (5)	
RRK 201 HS	Grey/Red	2/0	#1			5/8 (5)	
RRK 202 HS	Grey/Red	2/0	#2	5/8 (5)			
RRK 2010 HS	Grey/Yellow	2/0	1/0	5/8 (5)			
RRK 30 HS	Black	3/0	3/0	4-1/4	7-1/4	5/8 (7)	2-1/4
RRK 3010 HS	Black/Yellow	3/0	1/0			5/8 (5)	
RRK 3020 HS	Black/Grey	3/0	2/0			5/8 (7)	
RRK 40 HS	Pink	4/0	4/0			5/8 (7)	
RRK 4010 HS	Pink/Yellow	4/0	1/0			5/8 (7)	
RRK 4020 HS	Pink/Grey	4/0	2/0			5/8 (7)	
RRK 4030 HS	Pink/Black	4/0	3/0			5/8 (7)	
RRK 40-840 HS	Pink	4/0	4/0	4-1/2	7-1/2	840, 249, 11A	2-1/4
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	6-3/4	10-3/4	472, 655, 13A, 96, 1 (1/8)-2	2-1/4

NOTE: Use the Hovac UT 3 or UT 3 M tool for wire sizes up to 4/0 (page 192).

ALUMINUM COMPRESSION SPLICE KITS

Aluminum Flood-Seal® Compression Splice Kits

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



FSK 500

Underground
Distribution

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.

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.

ALUMINUM COMPRESSION SPLICE KITS

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.

Underground
Distribution



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	FSS 350
ULSK 2/0 HS	2/0	ULSK 1/0	1/0	
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	FSS 500 L
ULSK 300 HS	300	ULSK 250	250	
ULSK 350 HS	350	ULSK 300	300	
ULSK 400 HS	400	ULSK 350	350	
ULSK 500 HS	500	ULSK 400	400	FSS 1000
ULSK 600 HS	600	ULSK 500	500	
ULSK 750 HS	750	ULSK 600	600	
ULSK 800 HS	800	ULSK 750	750	
ULSK 1000 HS	1000	ULSK 800	800	
		ULSK 1000	1000	

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

ALUMINUM MECHANICAL SPLICE KITS

Aluminum Flood-Seal® Mechanical Splice Kits

Range taking — no compression tools and dies required.

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	Approved by the federal government for utility use.

Underground
Distribution



Two-Wire Kits

Cat. No.	Conductor Range	Connector Length	Number of Screw per Side
USK 2/0 (slotted screw)	#14-2/0	1-1/2	1
USK 2/0 AH		1-1/2	
USK 4/0	#4-4/0	2	
USK 350*	#6-350	2-9/16	
USK 350-4		4	
USK 350-12*†		12	
USK 350-18*†		18	
UH 11		4-1/16	
UH 11 L		6-1/2	
USK 350-12 DS	12	2	
USK 350-18 DS†	18		
USK 500	#2-500		4-3/16
USK 500 L†			7-1/2
USK 500-12†			12
USK 500-16†			16
USK 750	250-750	16-1/16	

* UL listed.
† Repair Kits.

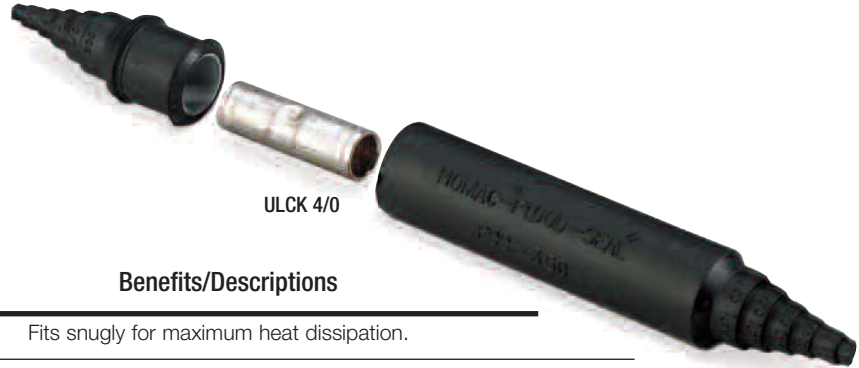
Compression Type Repair Kit


Cat. No.	Conductor Range	Connector Length
URS 125	#2-350 (standard one-hole lugs)	17-1/2
Three-Wire Kits		
SL 3-2K	#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		
FSS 42-212 AH		
UH 11 SL	Side "A" (#6-350) Side "B" (1/0-4/0 with #6-#14 sol. tap)	accommodates 4 wires
MTB 350-1	#6-350	4
MTB 350		

COPPER COMPRESSION SPLICE 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.

Underground
Distribution

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

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

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

Flood-Seal® ULCK

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	

LIGHTING MECHANICAL CONNECTORS

Flood-Seal® Street and Highway — Lighting Mechanical Connectors

Two connector styles to match your application.




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

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		#14-1/0	
RAB 1/0-22	4		
RAB 1/0-31	4		
RAB 1/0-32	5		
RAB 1/0-33	6		
RAB 1/0-42	6		

For oxide-inhibitor option, add "-C" suffix to the catalogue number.

Underground
Distribution

LIGHTING MECHANICAL CONNECTORS

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

Underground Distribution

Insulated Street and Highway — Lighting Mechanical Connectors

Cat. No.	Conductor Range
RB Series – Rubber Insulated	
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
SLV Series – Clear PVC Encapsulated	
SLV 240-24	Main (2) 4/0 - #6, Tap (2) #4 - #14
SLV 42-212	#12 - #2
BY Series – PVC Insulated	
BY 320	#14 - 2/0

For oxide-inhibitor option, add "-C" suffix to the catalogue 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 13/32" diameter and 1-1/2" length. Copper In-Line Non-Fused Kits include Flood-Seal housing, connecting link, silicone lubricant and instruction sheet.

Underground Distribution

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.

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 #8 - #6	#14 - #8 #6 - #4	T&B WT111M, C Die or Equal T&B TBM20S, Blue Die or Equal
SLK 2	SLT 2	#4 #2	#2 -	T&B TBM20S Grey Die or Equal T&B TBM20S, Brown Die or Equal



SLK 2

SLT 6

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 #8 - #6	#14 - #8 #6 - #4	T&B WT111M, C Die or Equal T&B TBM20S, Blue Die or Equal	#4 #2	#2 -	T&B TBM20S Grey Die or Equal T&B TBM20S, Brown Die or Equal	



SDK 2

SDT 6

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 #8 - #6	#14 - #8 #6 - #4	T&B WT111M, C Die or Equal T&B TBM20S, Blue Die or Equal
SDK 2	SDT 2	#4 #2	#2 -	T&B TBM20S Grey Die or Equal 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 #8 - #6	#14 - #8 #6 - #4	T&B WT111M, C Die or Equal T&B TBM20S, Blue Die or Equal	#4 #2	#2 -	T&B TBM20S Grey Die or Equal T&B TBM20S, Brown Die or Equal	

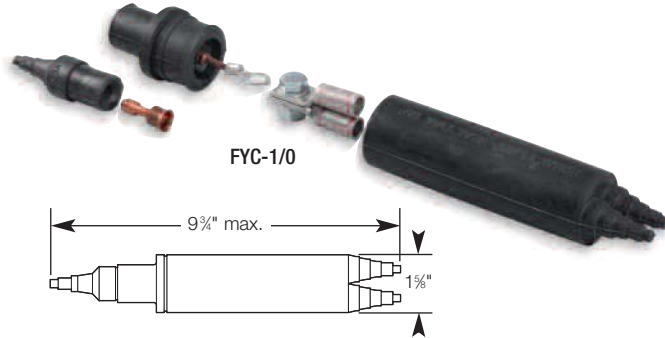
For 60A options, add "-60" suffix to the catalogue number.
For larger wire sizes, please consult your Thomas & Betts representative.

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.



Underground Distribution

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.

600 volt, 30 amp max.

Cat. No.	Wire Size Stranded	Fused/Non Fused	Installing Dies
FYA-6	#6	Fused (Aluminum Run, Copper Tap)	52, BGT, 243, 5/8
FYA-4	#4		52, BGT, 243, 5/8
FYA-2	#2		52, BGT, 243, 5/8
FYA-1/0	1/0		52, BGT, 243, 5/8
FYA-2/0	2/0		58, 297, 245, (5/8)-1
FYC-8	#8	Fused (Aluminum Run, Copper Tap)	1/4, 6, TC, 21
FYC-6	#6		J, 7, TE, 24
FYC-4	#4		5/16, 8, TP, 29
FYC-2	#2		3/8, 10, TL-TN, 33
FYC-1	#1		3/8, 11K, TB, 37
FYC-1/0	1/0		1/2, 12, TQ, 42
FYC-2/0	2/0		9/16, 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, BGT, 243, 5/8
DYA-4	#4		52, BGT, 243, 5/8
DYA-2	#2		52, BGT, 243, 5/8
DYA-1/0	1/0		52, BGT, 243, 5/8
DYA-2/0	2/0		58, 297, 245, (5/8)-1
DYC-8	#8	Non-Fused (Aluminum Run, Copper Tap)	1/4, 6, TC, 21
DYC-6	#6		J, TE, 24
DYC-4	#4		5/16, 8, TP, 29
DYC-2	#2		3/8, 10, TL-TN, 33
DYC-1	#1		3/8, 11K, TB, 37
DYC-1/0	1/0		1/2, 12, TQ, 42
DYC-2/0	2/0		9/16, 13, TS, 45

If fixture or tap wire is aluminum, add the following suffixes to the catalogue 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 13/32" diameter and 1-1/2" length.

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



Underground
Distribution

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.

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	

600V, 30A fuse not included. Fused kits accept standard cartridge fuse with 13/32" diameter, 1-1/2" length, non-glass type.

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	

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 13/32" diameter and 1-1/2" length. SLK 22-60 M, SLK 102-60 M and SLK 1010-60 M Fuse Kits can also accept a 60A fuse measuring 2-1/4" long.

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



SDK 1010 M

Underground Distribution

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.

In-Line Kits			
Cat. No.	Fused/Non Fused	Conductor Range (Al/Cu)	
		Stranded	Solid
SLK M	Fused	#12, #10, #8, #6, #4	#12, #10, #8, #6, #4
SLT M†			
SDK M	Non-Fused	#12, #10, #8, #6, #4	#12, #10, #8, #6, #4
SDT M†			

† Indicates twin housing.
600V, 30A fuse not included. Fused kits accept standard cartridge fuse with 13/32" diameter, 1-1/2" length, non-glass type.

In-Line Variable-Range Kits			
Cat. No.	Fused/Non Fused	Conductor Size	
		Main	Tap
SLK 22F 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 1010M		1/0-#2	1/0-#2

* 60A fuse max. 60A fuses are 2-1/4" long.

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 13/32" diameter and 1-1/2" 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 1/8" Hex Wrench	Just one tool needed for easy installation.

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	Fused	#14-#2	#12-#4
DYU M	Non-Fused	#14-#2	#12-#4
Y-Line Mechanical Run Compression Kits			
FYU 6	Fused	#14-#2	#14-#6
FYU 2	Fused	#14-#2	#4-#2
DYU 6	Non-Fused	#14-#2	#14-#6
DYU 2	Non-Fused	#14-#2	#4-#2

600V, 30A fuse not included. Fused kits accept standard cartridge fuse with 13/32" diameter, 1-1/2" length, non-glass type.

Street and highway Lighting Mechanical Fuse and Disconnect Kits – YY


Cat. No.	Fused/ Non Fused	Conductor Range (AL/CU)
YY-Type Disconnect Kits		
YFU M	Fused	#14-#4 CU
YDU M	Non-Fused	#14-#2 AL

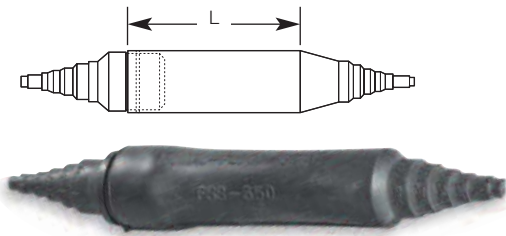
Flood-Seal® Insulating Covers

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

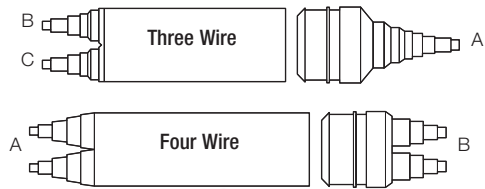


Underground Distribution

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.



FSS 350



FSS 4040

FSS 5035-4

FSS Series

Cat. No.	Copper Conductor Range	Aluminum Conductor Range	Cable Insulation Diameter Range	L
FSS 20	#14-2/0	#14-2/0	0.150-0.600	2-1/4
FSS 20 L	#14-2/0	#14-2/0	0.150-0.600	3-5/8
FSS 350	#14-350	#14-350	0.150-0.980	4-7/16
FSS 350 L	#14-350	#14-350	0.150-0.980	7-1/2
FSS 500	#14-500	#14-500*	0.150-1.175	4-7/16
FSS 500 L	#14-500	#14-500	0.150-1.175	7-5/8
FSS 1000 S	#2-1000	#2-750	0.370-1.600	5
FSS 1000	#2-1000	#2-1000	0.370-1.600	10
FSS 1000-16	#2-1000	#2-1000	0.370-1.600	13-9/16
FSS 1000 L	#2-1500	#2-1000	0.370-1.600	18-1/8

* For 500 kcmil aluminum, remove liner from cap.

Twin-Tap*

Cat. No.	Conductor Range		
	A	B	C
FSS 1010-4	#14-1/0	#14-1/0	—
FSS 4010-4	#14-250	#14-1/0	—
FSS 4010-4 L	#8-250	#14-1/0	—
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	—

* Not UL Listed.

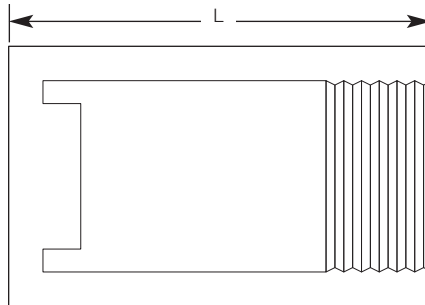
Flood-Seal® Cable End Caps

Cap off your cable with our cable end caps
600V cable application.



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).



Cable End Caps — 660V Cable Application

Cat. No.	L	Size Cables				Cables Range					
		Decimal Range		MM		Concentric		Compressed		Compact	
		Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.
CAP 35	3/4	0.250	0.425	6.4	10.8	#6	#2	#6	#2	#6	#2
CAP 45	7/8	0.360	0.562	9.1	14.3	#2	1/0	#2	1/0	#2	2/0
CAP 55	1	0.455	0.626	11.6	15.9	#1	3/0	#1	3/0	#1	3/0
CAP 65	1-1/4	0.575	0.750	14.6	19.0	2/0	250	3/0	300	3/0	300
CAP 85	1-3/8	0.720	0.973	18.3	24.7	250	400	350	400	250	400
CAP 95*	1-7/8	0.970	1.185	24.6	30.1	500	700	500	750	600	800
CAP 105*	2-1/8	1.120	1.400	28.4	35.6	750	1000	750	1000	800	1000
CAP 125*	2-3/8	1.200	1.475	30.5	37.5	750	1000	750	1000	800	1000
CAP 130*	2-1/2	1.390	1.650	35.3	41.9	1233.7	1250	—	—	—	—
CAP 135*	2-5/8	1.465	1.750	37.2	44.5	1500	1578.8	—	—	—	—
CAP 145*	2-7/8	1.650	1.925	41.9	49.0	1973.5	2000	—	—	—	—
CAP 150*	3	1.860	2.230	47.2	56.6	Fits High Voltage Cable Only					
CAP 155*	3	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.

PIPE/CONDUIT SEALS

Flood-Seal® Pipe/Conduit Seals

Rubber-insulated end caps for commercial pipes and conduits.

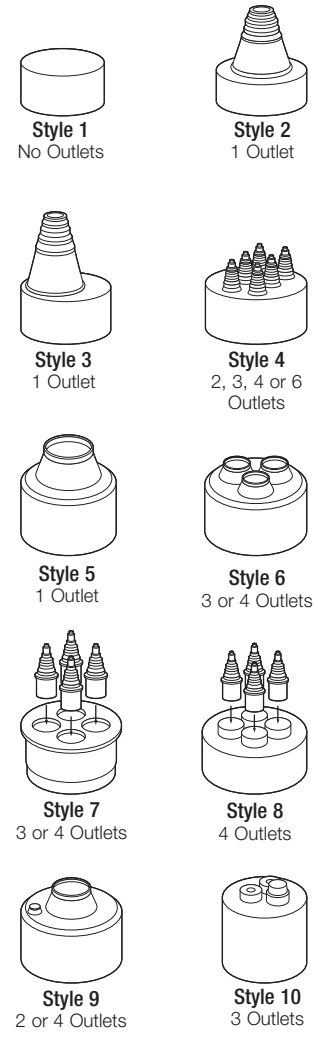
Features	Benefits/Descriptions
Flood-Seal EPDM Rubber	Seals out water, insects, rodents and dirt.
Durable	Unaffected by sun, rain or soil.
Easily Removable	Ideal for installations or cable replacements.
Tight Fitting	Prevents accidental removal.



Underground Distribution

Flood-Seal® Pipe/Conduit Seals

Cat. No.	Pipe Size (IPS)	Style	Ranges		Outside Body Length
			Conductor	Decimal	
CIC 75-3	3/4	10	#14-#10	—	1-1/2
CIC 50-3	1/2	10	#14-#10	—	1-3/8
CIC 1-4	1	4	(4)#14-#4	SL-0.380	2-13/32
CIC 150	1-1/2	5	—	0.720-1.200	1-3/8
CIC 15-320		6	(3)#2-2/0	0.370-0.580	1-3/8
CIC 15-420		6	(4)#2-2/0	0.370-0.580	1-3/8
C-5230	2	4	(2)#14-350, (1)#14-1/0	SL-0.910, SL-0.540	1-1/2
C-5035		4	(1)#14-350, (1)#14-500	SL-0.980, SL-1.175	1-15/16
C-5231		4	(3)#14-350, (1)#14-4/0	SL-0.980, SL-0.690	2
CIC 200		5	—	1.093-1.562	2
CIC 201		5	—	0.937-1.145	4
PS 2		7	(3)#14-250	SL-0.765	1-3/16
3133		2	300-1500	0.760-1.880	2-1/8
3133-6	2	300-1500	0.760-1.880	6-1/8	
CIC 25-440	2-1/2	4	(4)#2-4/0	0.390-0.690	2-1/4
CAP 250		1	NA	NA	3
PS 25	3	7	(2)#14-350, (1)#14-250	SL-0.980, SL-0.765	1-3/16
3135		2	350-2000	0.830-2.234	2-1/2
CAP 300		1	NA	NA	2-1/2
CVC 3*		6	—	(3)1.039-1.562	2-11/16
CNC 3-1G	3-1/2	9	—	(1)1.031-1.531, (1)0.280-0.420	2-1/2
PS 3		7	(3)#14-350, (1)#14-250	SL-0.980, SL-0.765	1-3/16
PSX 3		9	(3)#14-350, (1)#14-250	SL-0.980, SL-0.765	2-1/2
PSX 35	4	8	(3)#14-500, (1)#14-250 & 350-500	SL-1.175, SL-0.765	3-15/16
3138		4	#14-400	SL-0.980	2
6318	4	3	—	1.500-3.00	2-11/16
CAP 400		1	NA	NA	2-11/16
CNC 4-1G		9	—	(1)1.031-1.531, (1)0.280-0.420	2-5/8
CVC 4*		6	—	(3)1.125-1.875	3-3/16
PS 4	5	7	(3)#14-500, (1)#14-350	SL-1.175, SL-0.980	1-3/4
CIC 401		2	—	0.830-2.234	3-1/8
CAP 500		1	NA	NA	2-15/16
CVC 5*	6	6	—	1.250-2.00	3-7/16
PS 5		7	(3)#14-1500, (1)#14-350	0.370-1.600, SL-1.75	2-1/8
PS 6	6	7	(4)#2-1500	0.370-1.600	2-3/4



* Vent cap, not watertight.
NOTE: For sizes not listed, please consult your Thomas & Betts representative.



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 66–70

Aluminum Multi-Port Connectors 71–74

Aluminum Service Entrance Connectors 75–80

Copper Service Entrance Connectors 81

Bus Connectors 82

ALUMINUM MECHANICAL CONNECTORS

Aluminum Flood-Seal® Mechanical Connectors

Save outlet space.



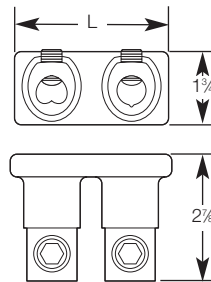
These connectors feature the Sweetheart® outlet configuration that nests two equal-sized service cables from #6 to 2/0 or two different-sized cables from #2 to 2/0, saving you outlet space and consequent cost. Unique cable outlets permit the use of streetlight wire either in original construction or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

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	8-7/8

NOTE: In catalogue 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).

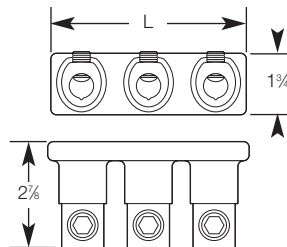


SHC 121

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	8-7/8
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



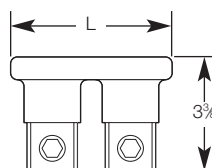
SHC 6



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

Flood-Seal® Mechanical 500 kcmil Connectors

Cat. No.	Wire Range	Outlets	L
SHC 500-2	#2-500	2	3-7/8
SHC 500-3		3	6-1/4
SHC 500-4		4	8-3/8
SHC 500-5		5	10-5/8
SHC 500-6		6	12-7/8
SHC 500-8		8	17-3/8

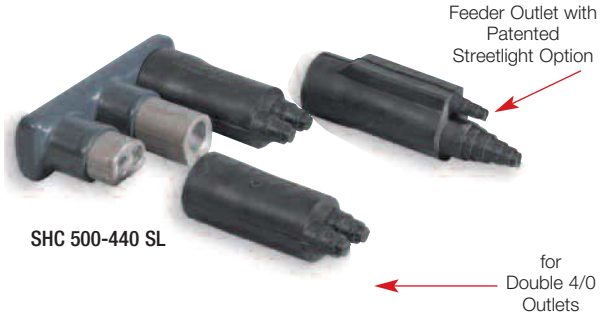


SHC 500-4

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.



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.

Underground Distribution

4/0 Outlets			
Cat. No.	Wire Range	L	H
SHC 240	#4-4/0	2-5/16	3-3/16
SHC 440		4-5/8	

End View of Outlets

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-#14	4-1/2	4-1/8
SHC 500-440 SL		6-3/4	
SHC 500-340 SL		9-1/8	

Top View of Outlets

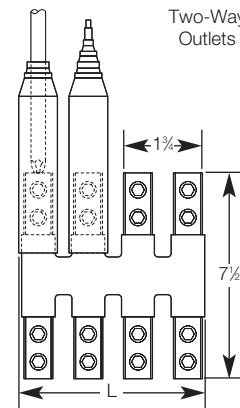
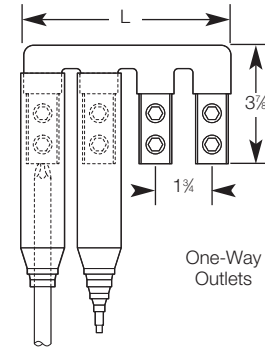
ALUMINUM MECHANICAL CONNECTORS

Aluminum Flood-Seal® Twin-Screw Mechanical

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.



350 kcmil Series

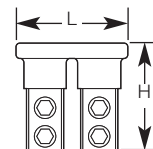
One-Way Cat. No.	Outlets One-Way	Two-Way Cat. No.	Outlets Two-Way	Length	Cable Range
UH 2 R	2	UH 22 R	4	3-1/4	#6-350
UH 3 R	3	UH 33 R	6	5-1/4	
UH 4 R	4	UH 44 R	8	7	
UH 5 R	5	UH 55 R	10	8-7/8	
UH 6 R	6	UH 66 R	12	10-3/4	
UH 8 R	8	UH 88 R	16	14-1/2	



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

500 kcmil Series

Cat. No.	Wire Range	Outlets	L	H
UH 500-2 R	#2-500	2	3-7/8	4-3/4
UH 500-3 R		3	6-1/8	
UH 500-4 R		4	8-3/8	
UH 500-5 R		5	10-5/8	
UH 500-6 R		6	12-7/8	
UH 500-8 R		8	17-3/8	



UH 500-4 R

ALUMINUM MECHANICAL CONNECTORS

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

Versatile for direct burial or above-ground pedestals.

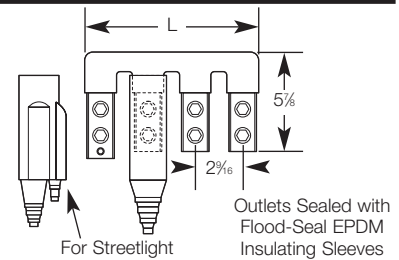


Features	Benefits/Descriptions
Flood-Seal Insulating Rockets	Field tested in more than 10 million applications.
All Connectors are 100% Hi-Pot Tested at 4000V for 60 Seconds	Ensures that connectors are 100% watertight and molded correctly.
Patented Streetlight Outlet Option	Wide-range cable outlets support 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.

Exceed ANSI C119.1 and C119.4 requirements as well as Western Underground

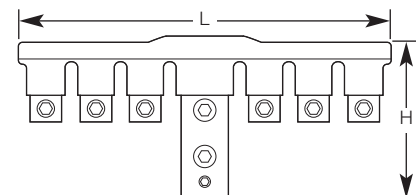
Submersible Connector with Streetlight Outlet

Cat. No.	Outlets	Length	Cable Range
UH 750-4 SLR	4	9-1/2	1/0-750, S/L #14-#2
UH 750-6 SLR	6	14-5/8	



Dual Outlet Connectors with Streetlight Port

Cat. No.	Wire Range	Outlets	L	H
4/0 Outlets with 750 kcmil Feeder				
UH 750-240 SLR	Feeder 1/0-750, Tap #12-4/0, S/L #14-#4	(2) 4/0 (1) 750	5-1/2	5-1/2
UH 750-440 SLR		(4) 4/0 (1) 750	8-1/2	
UH 750-640 SLR		(6) 4/0 (1) 750	11-1/2	
350 Outlets with 750 kcmil Feeder				
UH 750-235 SLR	Feeder 1/0-750, Tap #12-4/0, S/L #14-#4	(2) 350 (1) 750	5-5/8	6
UH 750-435 SLR		(4) 350 (1) 750	9-3/8	
UH 750-635 SLR		(6) 350 (1) 750	13-1/8	



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

URD Connectors & Covers



ALUMINUM MECHANICAL CONNECTORS

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

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

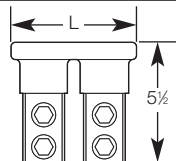


Features	Benefits/Descriptions
Flood-Seal Insulating Rockets	Field tested in more than 10 million applications. Serve as waterproof spare outlet caps until used as waterproof cable insulators.
All Connectors are 100% Hi-Pot Tested at 4000V for 60 Seconds	Ensures that connectors are 100% watertight and 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.

URD Connectors & Covers

Twin-Screw One-Way Configuration

Cat. No.	Conductor Range	Outlets	Length
UH 1000-2 R	#2-1000	2	4-13/16
UH 1000-4 R		4	9-15/16
UH 1000-6 R		6	15
UH 1000-8 R		8	20-1/8



UH 1000-4 R

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

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

UH 1000 Seires 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 MULTI-PORT CONNECTORS

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

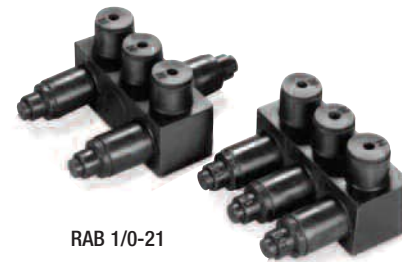
High-performance, dual-rated Connectors.



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.

RAB 1/0 Series

Cat. No.	Conductor Range	Outlets	Length
RAB 1/0-2	#14-1/0	2	1-3/4
RAB 1/0-3		3	2-39/64
RAB 1/0-4		4	3-7/16
RAB 1/0-5		5	4-9/32
RAB 1/0-6		6	5-1/8
RAB 1/0-7		7	5-31/32
RAB 1/0-8		8	6-13/16
RAB 1/0-9		9	7-21/32
RAB 1/0-10		10	8-1/2
RAB 1/0-21		3	2-39/64
RAB 1/0-22		4	3-7/16
RAB 1/0-31		4	3-7/16
RAB 1/0-32		5	4-9/32
RAB 1/0-33		6	5-1/8
RAB 1/0-42		6	5-1/8



RAB 1/0-21

RAB 1/0-3

URD Connectors & Covers

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

RAB 350 Series

Cat. No.	Conductor Range	Outlets	Length
RAB 2	#12 sol.-350	2	2-7/16
RAB 3		3	3-5/8
RAB 4		4	4-13/16
RAB 5		5	6
RAB 6		6	7-1/8
RAB 8		8	9-9/16
RAB 10		10	11-15/16



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 catalogue number.



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



ALUMINUM MULTI-PORT CONNECTORS

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

Ideal for direct-burial, pedestal or vault installations.



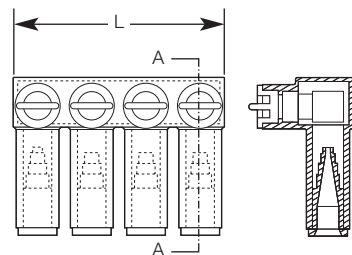
USB43S

Features	Benefits/Descriptions
Field-Adaptable Cable Sleeves	Enable installation on a wide range of conductor sizes.
Standard Aluminum Set Screws with 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.
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° 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.

URD Connectors & Covers

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



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 catalogue number.

Thomas & Betts

HOMAC

ALUMINUM MULTI-PORT CONNECTORS

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

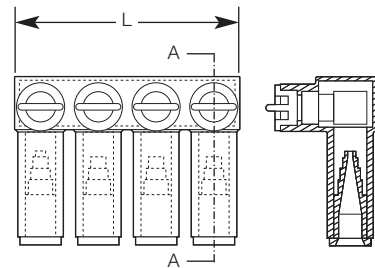
RXL 350 Series

Cat. No.	Ports	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 catalogue number.



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



RXL 600 Series

Cat. No.	Ports	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 catalogue number.



ALUMINUM MULTI-PORT CONNECTORS

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

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

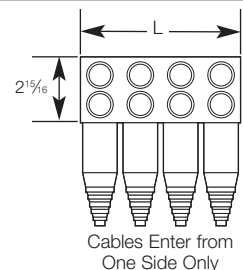
Features	Benefits/Descriptions
Flood-Seal EPDM Insulating Rockets	Field tested in more than 10 million applications.
6061-T6 Aluminum Connector Construction	Provides high strength and high conductivity.
Dual-Rated	Accept a wide range of copper or aluminum conductors, from #2 solid to 1000 kcmil.
Ball-Bottom 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.

Cable Entry One Side Only

Cat. No.	Outlets	Length
RXM 2	2	3-1/16
RXM 4	4	7-1/4
RXM 6	6	10-7/8
RXM 8	8	14-1/2
RXM 10	10	18-1/8
RXM 12	12	21-3/4



RXM 4

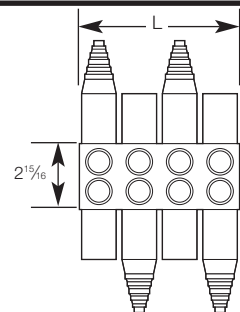


Cable Entry from Either side

Cat. No.	Outlets	Length
RXM 22	4	7-1/4
RXM 33	6	10-7/8
RXM 44	8	14-1/2
RXM 66	12	21-3/4



RXM 22



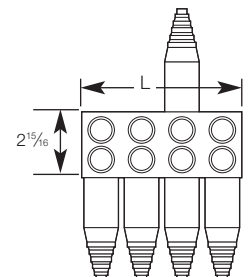
Example: RXM 22 accommodates a maximum of 4 cables, accessible from either side.

Customer Orders

Cat. No.	Outlets	Length
RXM 31	4	7-1/4
RXM 42	6	10-7/8



RXM 31



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 catalogue number.

ALUMINUM SERVICE ENTRANCE CONNECTORS

Aluminum Flood-Seal® 95 Series Service Entrance Connectors

Suitable for direct burial or installation in an enclosure.

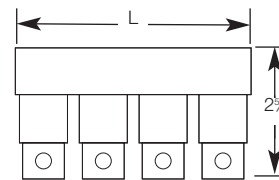
Features	Benefits/Descriptions
Single-Hole Drilled	Ideal for residential applications.
Dual-Rated	Use with aluminum or copper lugs from #12 to 350 kcmil.
All Outlets and Lugs (See Kits Below) Approved for Full Cable Rating	Safe and reliable.
All Connectors are 100% Hi-Pot Tested at 4000V for 60 Seconds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



FS 95-6

95 Series Service Entrance Connectors

Cat. No.	Outlets	L
FS 95-2	2	2-3/4
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	11-3/4
FS 95-9	9	13-1/4
FS 95-10	10	14-3/4



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

95 Series Terminal Kits

Premolded Kit Cat. No.	Heat-Shrink Kit Cat. No.	Concentric	Compressed	Compact	Solid	Die Reference
CFG 8 CS	CFG 8 HS	#8	—	—	#6	5/8, 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	840, 324, 349, 658, TX, 76, 11A
CFK 1/0 CS	CFK 1/0 HS	1/0	1/0	2/0	2/0	
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	—	(1-1/8)-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 catalogue 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 SERVICE ENTRANCE CONNECTORS

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 1/2" 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.

URD Connectors & Covers

One-Way Configuration

One-Bolt Design Cat. No.	Two-Bolt Design Cat. No.	Outlets	L
FS 2-125	FSN 2-125	2	3-1/2
FS 3-125	FSN 3-125	3	5-3/8
FS 4-125	FSN 4-125	4	7-1/4
FS 5-125	FSN 5-125	5	9-1/8
FS 6-125	FSN 6-125	6	11
FS 7-125	FSN 7-125	7	12-7/8
FS 8-125	FSN 8-125	8	14-3/4
FS 9-125	FSN 9-125	9	16-5/8
FS 10-125	FSN 10-125	10	18-1/2



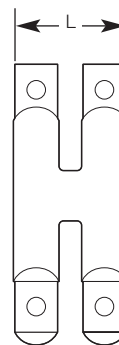
FSN 6-125



FS 3-125

Two-Way Configuration

One-Bolt Design Cat. No.	Two-Bolt Design Cat. No.	Outlets	L
FS 11-48	FS 11	2	1-1/2
FS 22-48	FS 22	4	3-3/8
FS 33-48	FS 33	6	5-1/4
FS 44-48	FS 44	8	7-1/8
FS 55-48	FS 55	10	8-7/8
FS 66-48	FS 66	12	10-3/4
FS 77-48	FS 77	14	12-5/8
FS 88-48	FS 88	16	14-1/2
FS 99-48	FS 99	18	16-3/8



FS 22-48



FSN 22

NOTE: To order insulating EPDM sleeves for Two-Hole connectors, see page 78. Order lugs separately.

ALUMINUM SERVICE ENTRANCE CONNECTORS

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

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.

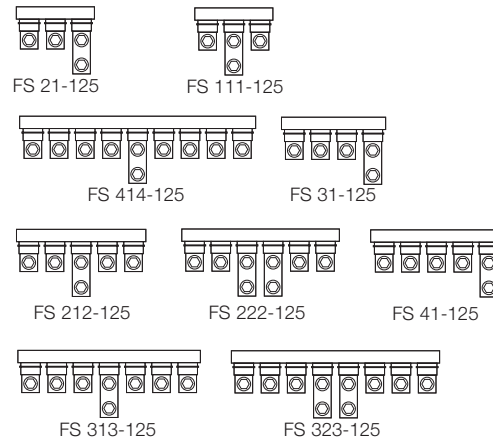


URD Connectors & Covers

EPDM-Insulated, One-Way Configuration

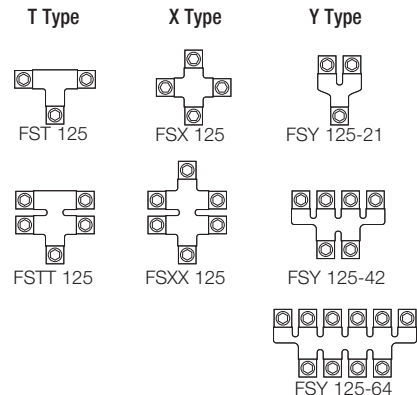
Cat. No.	Outlets	L
FS 21-125	3	5-3/8
FS 111-125	3	5-3/8
FS 414-125	9	16-5/8
FS 31-125	4	7-1/4
FS 212-125	5	9-1/8
FS 222-125	6	11
FS 41-125	5	9-1/8
FS 313-125	7	12-7/8
FS 323-125	8	14-3/4

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



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



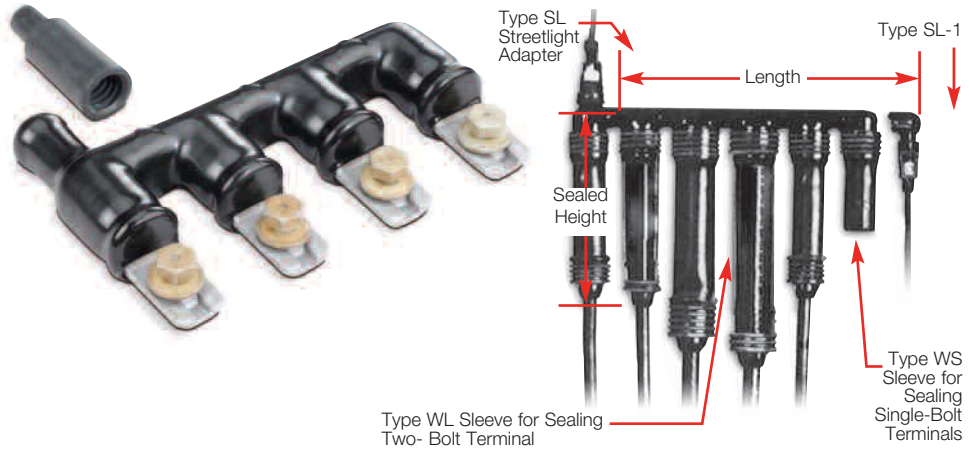
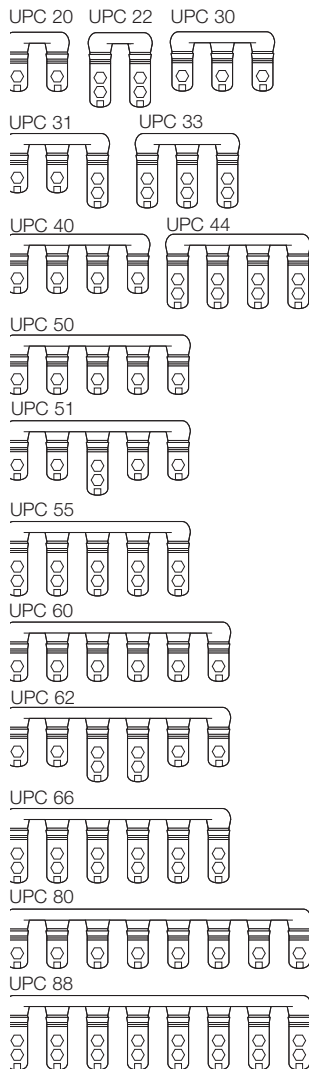
ALUMINUM SERVICE ENTRANCE CONNECTORS

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.

URD Connectors & Covers



Flood-Seal® Bus Connectors

Cat. No.	No. of Ports	2-Bolt Large Term.	1-Bolt Large 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*	8	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 catalogue number.
 NOTE: Maximum size conductor — single bolt: 350 kcmil; double bolt: 500 kcmil.
 For compression lugs, see pages 6-22 and 35-39.

ALUMINUM SERVICE ENTRANCE CONNECTORS

Submersible Streetlight Connectors

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

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.

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 catalogue number.



USL 11

URD Connectors & Covers

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.

Streetlight Adapter

Cat. No.	Description
SLA 1	Streetlight Adapter

NOTE: For compression lugs, see pages 6–22 and 35–39.



ALUMINUM SERVICE ENTRANCE CONNECTORS

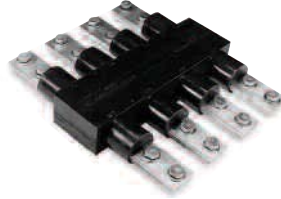
Aluminum Flood-Seal® 175 Series Service Entrance Connectors

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.



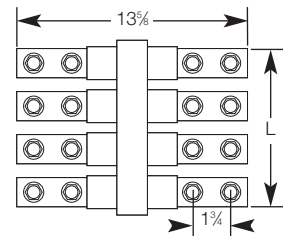
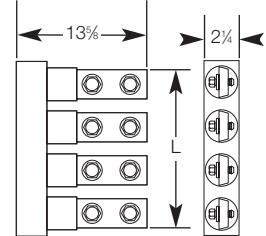
Accessories — sold separately	 AL-NTN series aluminum lugs, 1/0 to 2000 kcmil. See page 10.	 FS 1175 Flood-Seal EPDM rubber insulating sleeve covers the entire conductor range. Use the Flood-Seal 175 Dual Adapter Kit (page 82) for two conductors per outlet.
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Aluminum 175 Series

Cat. No.	Outlets	L	Cat. No.	Outlets	L
One-Way Configuration			Two-Way Configuration		
FS 175-2	2	6	FS 22-175	4	6
FS 175-3	3	9	FS 33-175	6	9
FS 175-4	4	12	FS 44-175	8	12
FS 175-5	5	15	FS 55-175	10	15
FS 175-6	6	18	FS 66-175	12	18
FS 175-7	7	21	FS 88-175	16	24
FS 175-8	8	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

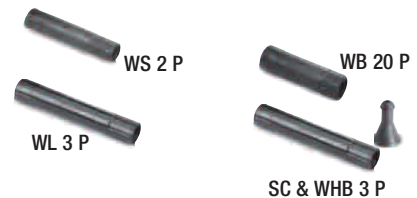
Make seals without tape, compound or heat source.

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".



Squid® Sealing Sleeves

Cat. No.	For Use On	Sealing Range (Conductor O.D. Over Insulation)	Length in.
WS 2 P	Single-Bolt UPC, SCU	0.4-0.9	6-1/16
WL 2 P	Two-Bolt UPC, UPB, SCU	0.4-0.9	8-5/16
WL 3 P	UPC, UPB, SCU	0.5-1.2	8-5/16
WB 20 P	UB	0.4-0.9	5-3/8
SC	Small conductor Adapter for WS, WL 2 and WB Sleeves	0.2-0.4	—
WHB 3 P	UBC Bus (large terminal)	0.5-1.3	7-3/8
SPL 6	Squid Type WL Sleeves, for #6 Stranded through 4/0 Connections	0.6-0.7	—



COPPER SERVICE ENTRANCE CONNECTORS

Copper Flood-Seal® 175 Series Connectors

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

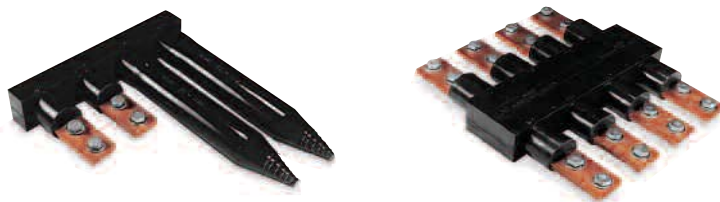


Features	Benefits/Descriptions
EPDM Rubber Insulation	Precision molded for uniform quality.
Accommodates Limiter Terminals	Limiter terminals may also be terminated at Flood-Seal Connectors.
Hardware Included	Ready for use. All outlets approved for full cable rating.
All Connectors are 100% Hi-Pot Tested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

Accessory — sold separately



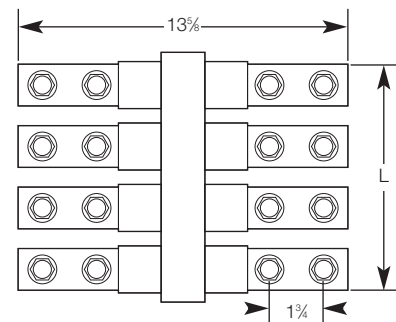
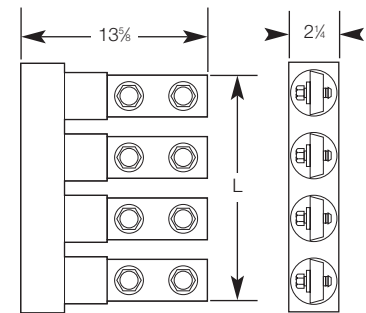
FS 1175 Flood-Seal EPDM rubber insulating sleeve covers the entire conductor range. Use the Flood-Seal 175 Dual Adapter Kit (page 82) for two conductors per outlet.



Copper 175 Series

Cat. No.	Outlets	L	Cat. No.	Outlets	L
One-Way Configuration			Two-Way Configuration		
FS 175-2 CU	2	6	FS 22-175 CU	4	6
FS 175-3 CU	3	9	FS 33-175 CU	6	9
FS 175-4 CU	4	12	FS 44-175 CU	8	12
FS 175-5 CU	5	15	FS 55-175 CU	10	15
FS 175-6 CU	6	18	FS 66-175 CU	12	18
FS 175-7 CU	7	21	FS 88-175 CU	16	24
FS 175-8 CU	8	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.



URD Connectors & Covers

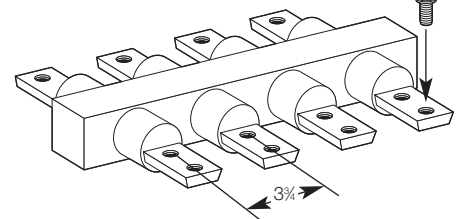
Flood-Seal® 175 Series Bus Connectors

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.

175 Series Bus Connectors

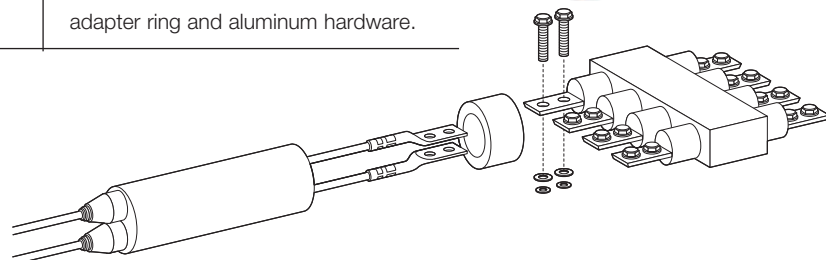
Cat. No.	Outlets
FXL 175 Aluminum Series – for Two-Hole Nema Lugs up to 1000 kcmil	
FXL 22-175	4
FXL 33-175	6
FXL 44-175	8
FXL 66-175	12
FXL 175 Copper Series – for Two-Hole Nema Lugs up to 1000 kcmil	
FXL 22-175 CU	4
FXL 33-175 CU	6
FXL 44-175 CU	8
FXL 66-175 CU	12

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.



175 Series 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	84–87
Aluminum Cable Blocks	88–89
Aluminum Pedestal Connectors & Covers	90



Install or remove cables in confined areas without the aggravation.

Forcing cables into closed ports on mechanical connectors is no picnic. Homic® 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.

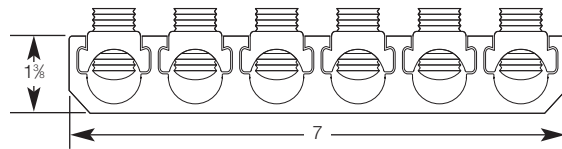


Features	Benefits/Descriptions
Cables Are Easily Placed into the Keeper Slot	Minimizes the hassle and hazards of having to force cables into the closed cable ports found on conventional mechanical connectors. You save time and labor.
Require Only a Cable Stripper and Allen Hex Wrench	No crimping tools 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.

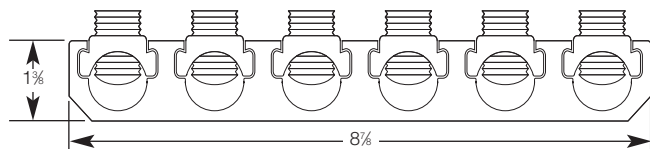
ABCK Series

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

PEDESTAL CONNECTORS

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

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

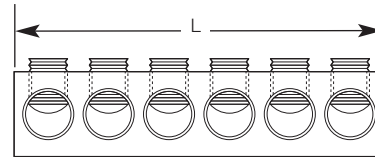


ABC 4350

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.

Single-Line Bar

Cat. No.	Outlets	Length	Boot Number	Cable Range
ABC 240	2	1-11/16	BB 10	#6-250
ABC 340	3	2-9/16	BB 10	
ABC 440	4	3-7/16	BB 10	
ABC 540	5	4-5/16	BB 11	
ABC 640	6	5-3/16	BB 11	
ABC 740	7	6-1/16	BB 12	
ABC 840	8	6-15/16	BB 12	
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	
ABC 8350	8	8	BB 12	
ABC 2500	2	2-1/16	BB 10	#6-500
ABC 3500	3	3-1/16	BB 10	
ABC 4500	4	4-1/16	BB 11	
ABC 5500	5	5-1/16	BB 11	
ABC 6500	6	6-1/16	BB 12	
ABC 7500	7	7-1/16	BB 14	
ABC 8500	8	8-1/16	BB 14	
ABC 2750	2	2-3/4	BB 10	
ABC 3750	3	4-3/16	BB 13	
ABC 4750	4	5-9/16	BB 13	
ABC 5750	5	7	BB 12	
ABC 6750	6	8-3/8	BB 14	
ABC 7750	7	9-13/16	BB 15	
ABC 8750	8	11-3/16	BB 15	



Note: For oxide-inhibitor option, add "-C" suffix to the catalogue number.
 For streetlight-outlet option, add "-SL" suffix to the catalogue number.
 For insulating covers, see page 90. For special applications, please consult your Thomas & Betts representative.



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

Above-Ground Pedestal Connectors and Covers

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

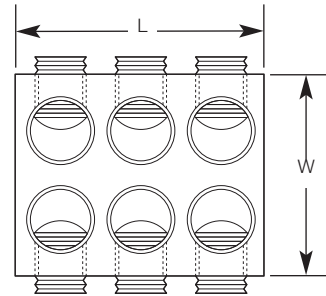
High-strength aluminum alloy maintains constant bolting pressure on conductors.



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.

Double-Row Bar

Cat. No.	Outlets	Length	Width	Boot Number	Cable Range
ABC 40-22	4	1-5/8	2	BB 17	#6-250
ABC 40-33	6	2-7/16	2	BB 17	
ABC 40-44	8	3-3/16	2	FB 33*	
ABC 350-22	4	2-1/8	2-1/2	BB 17	#12-350
ABC 350-33	6	3	2-1/2	FB 33*	
ABC 350-44	8	3-15/16	2-3/8	FB 33*	#6-500
ABC 500-22	4	2-1/16	2-3/4	FB 33*	
ABC 500-33	6	3-1/16	2-3/4	FB 33*	
ABC 500-44	8	4-1/16	2-3/4	—**	1/0-750
ABC 750-22	4	2-3/4	3-1/4	—**	
ABC 750-33	6	4-3/16	3-1/4	—**	
ABC 750-44	8	5-9/16	3-1/4	—**	



* EPDM Flexi-Boot, see page 90.
 ** For other insulating covers, please consult your Thomas & Betts representative.

Note: For oxide-inhibitor option, add "-C" suffix to the catalogue number.
 For streetlight-outlet option, add "-SL" suffix to the catalogue number.
 For special applications, please consult your Thomas & Betts representative.

PEDESTAL CONNECTORS

Aluminum Pedestal Connectors

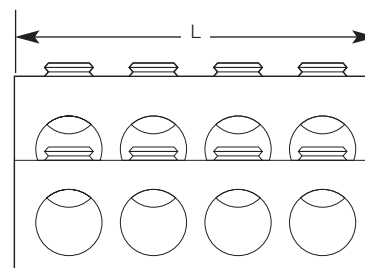
Insulated and uninsulated pedestal connectors with up to 10 outlets.



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.

Insulated and Uninsulated Pedestal Connectors

Insulated Cat. No.	Uninsulated CAT. NO	Outlets	L	Cable Range
ZVB 2023	ZBC 2023	4	2-1/4	#12-350
ZVB 3033	ZBC 3033	6	3-1/4	
ZVB 4043	ZBC 4043	8	4-1/4	
ZVB 5053	ZBC 5053	10	5-1/4	
ZVB 2025	ZBC 2025	4	2-7/16	#6-500
ZVB 3035	ZBC 3035	6	3-9/16	
ZVB 4045	ZBC 4045	8	4-11/16	
ZVB 5055	ZBC 5055	10	5-13/16	



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

Above-Ground Pedestal Connectors and Covers

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.

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	1-1/8	1-5/8	1-5/16
CSB 4-3 S	3			1-9/16		
CSB 4-4 SAH*	4			2-1/16		
CSB 4-5 S	5			2-9/16		
CSB 4-6 S	6			3-1/16		
CSB 4-7 S	7			3-9/16		
CSB 4-8 SAH*	8			4-1/16		
CSB 2/0-2 S	2			2/0-#14		
CSB 2/0-3 S	3	2-3/8				
CSB 2/0-4 S	4	3-1/8				
CSB 2/0-5 S	5	3-7/8				
CSB 2/0-6 S	6	4-5/8				
CSB 2/0-7 S	7	5-3/8				
CSB 2/0-8 S	8	6-1/8				
CSB 250-2 S	2	250-#6	5/16 Hex		1-7/8	2-5/8
CSB 250-3 S	3			2-27/32		
CSB 250-4 S	4			3-13/16		
CSB 250-5 S	5			4-25/32		
CSB 250-6 S	6			5-3/4		
CSB 250-7 S	7			6-3/4		
CSB 250-8 S	8			7-45/64		
CSB 350-2 S	2			350-#10	5/16 Hex	
CSB 350-3 S	3	3-1/4				
CSB 350-4 S	4	4-1/4				
CSB 350-5 S	5	5-1/4				
CSB 350-6 S	6	6-1/4				
CSB 350-7 S	7	7-1/4				
CSB 350-8 S	8	8-1/4				
CSB 500-2 S	2	500-#6	5/16 Hex			2-7/8
CSB 500-3 S	3			4-1/8		
CSB 500-4 S	4			5-3/8		
CSB 500-5 S	5			6-5/8		
CSB 500-6 S	6			7-7/8		
CSB 500-7 S	7			9-1/8		
CSB 500-8 S	8			10-3/8		

* Not UL Listed, includes hex screw.


ALUMINUM CABLE BLOCKS

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.

Two-Way Configuration

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

Above-Ground Pedestal Connectors and Covers

ALUMINUM PEDESTAL CONNECTORS AND COVERS

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.

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.

EPDM Rubber FB Series

Cat. No.	Height	Length	Width
FB 33	5-1/4	4-3/4	3-3/8
FB 6 L	3-1/2	7-1/4	2-1/16

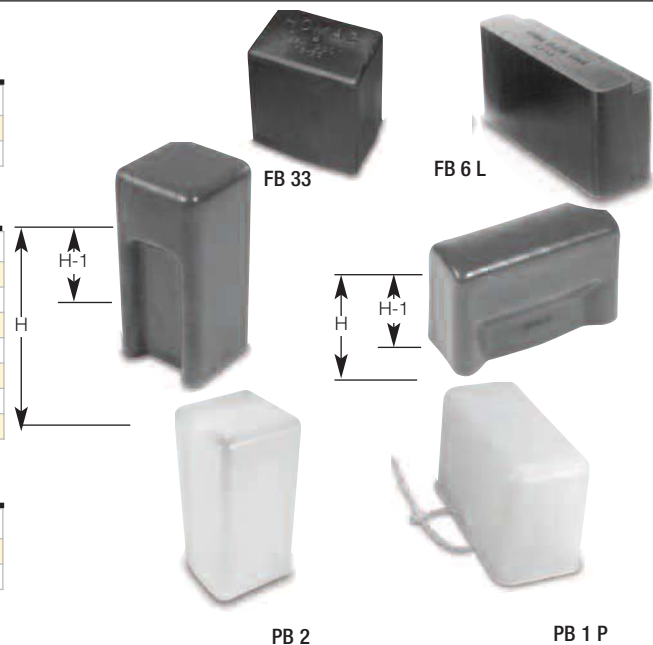
PVC BB Series

Cat. No.	Height	Height-1	Length	Width
BB 10	3-5/16	1-3/8	4-1/8	2-1/8
BB 11	2-7/8	1-3/8	5-7/8	2-1/8
BB 12	3-3/4	1-7/8	7-3/4	2-1/4
BB 13	3-3/4	1-7/8	5-15/16	2-3/4
BB 14	3-3/4	1-7/8	8-5/8	2-3/4
BB 15	3-3/4	1-7/8	11-11/16	2-3/4
BB 17	6-7/8	2-1/8	3-1/8	3-1/16

Polyethylene PB Series

Cat. No.	Height	Length	Width
PB 2	8	4	4-3/16
PB 1 P	4	6-1/4	2-7/8

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



Above-Ground Pedestal Connectors and Covers



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 . . . 92-111

Transformer Adapters . . . 112-113

Transformer Spade Connectors 114-122

Transformer Spade Adapters 123

Transformer & Network Protection 124

Insulating Boots & Covers 125-126

Equipment Locks 127

Aluminum Universal Quick Disconnect Transformer Connectors

The EZ Mount connector is used on padmount distribution transformers that have a 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.

EZC Series Insulated In-Line Bar

Cat. No.	Cable Range	Outlets	Length	Stud Size
EZC 4350 SL	#12-350, S/L #14-#2	4	6-3/4	5/8 & 1
EZC 6350 SL		6	8-3/4	
EZC 8350 SL		8	10-3/4	
EZC 4500 SL	#6-500, S/L #14-#2	4	6-3/4	
EZC 6500 SL		6	8-3/4	
EZC 8500 SL		8	10-3/4	
EZC 8700 SL*	1/0-750, S/L #14-#2	8	12-7/8	

* Two set-screws per outlet.

NOTE: For oxide-inhibitor option, add "-C" suffix to the catalogue 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 catalogue number.
For a three-phase kit containing one uninsulated and three insulated connectors, add "-3K" suffix to the catalogue number.



EZC 6500 SL

EZB Series Uninsulated In-Line Bar

Cat. No.	Cable Range	Outlets	Length	Stud Size
EZB 4350 SL	#12-350, S/L #14-#2	4	6-3/4	5/8 & 1
EZB 6350 SL		6	8-3/4	
EZB 8350 SL		8	10-3/4	
EZB 4500 SL	#6-500, S/L #14-#2	4	6-3/4	
EZB 6500 SL		6	8-3/4	
EZB 8500 SL		8	10-3/4	
EZB 8700 SL*	1/0-750, S/L #14-#2	8	12-7/8	

* Two set-screws per outlet.

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



EZB 6500 SL



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

TRANSFORMER CONNECTORS

Aluminum Transformer Connectors — CSW and CSS Series

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



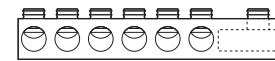
Features	Benefits/Descriptions
Clear PVC Insulating Boot	Enables safe and time-saving installations and disconnects. It features self-sealing wrench outlets and self-adjusting cable outlets.
Disconnectable	Easy to install or remove.
Dual-Rated	Accepts aluminum or copper conductors.
Wide Cable Ranges	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.



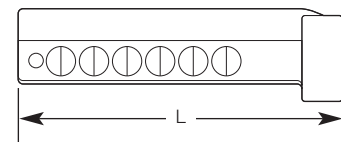
CSS 6500



CSW 4350



Quick Disconnect




Screw-On Style

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	5-11/16	#12-350
CSW 6350	CSS 6350	5/8	6	7-1/16	
CSW 8350	CSS 8350	5/8	8	9-1/16	
CSW 4350-1	CSS 4350-1	1	4	11-1/16	
CSW 6350-1	CSS 6350-1	1	6	5-1/16	
CSW 8350-1	CSS 8350-1	1	8	7-1/16	
CSW 4500-58	CSS 4500-58	5/8	4	9-1/16	#2-500
CSW 6500-58	CSS 6500-58	5/8	6	11-1/16	
CSW 8500-58	CSS 8500-58	5/8	8	5-3/16	
CSW 4500	CSS 4500	1	4	7-3/16	
CSW 6500	CSS 6500	1	6	9-3/16	
CSW 8500	CSS 8500	1	8	11-3/16	

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



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

Padmount Transformer Connectors

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

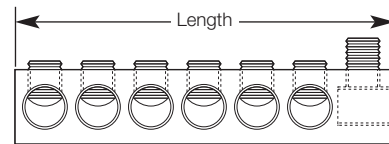
High-strength aluminum alloy maintains constant bolting pressure on conductors.



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.



ABW 8500



ABW – In-Line Bar

Cat. No.	Outlets	Length	Boot No.	Cable Range	Stud Size
ABW 240	2	3-1/8	SB 17	#6-250	5/8
ABW 340	3	3-7/8	SB 17		5/8
ABW 440	4	4-11/16	SB 17		5/8
ABW 540	5	5-1/2	SB 11		5/8
ABW 640	6	6-1/4	SB 11		5/8
ABW 740	7	7	SB 11		5/8
ABW 840	8	7-13/16	SB 14		5/8
ABW 2350	2	3-1/2	SB 17		#12-350
ABW 3350	3	4-1/2	SB 17	5/8	
ABW 4350	4	5-1/2	SB 17	5/8	
ABW 4350-1	4	6-9/16	SB 17	1	
ABW 5350	5	6-1/2	SB 11	5/8	
ABW 6350	6	7-1/2	SB 11	5/8	
ABW 6350-1	6	8-9/16	SB 11	1	
ABW 7350	7	8-1/2	SB 14	5/8	
ABW 8350	8	9-1/2	SB 2160	5/8	
ABW 8350-1	8	10-9/16	SB 2160	1	

Cat. No.	Outlets	Length	Boot No.	Cable Range	Stud Size
ABW 2500	2	4-1/16	SB 2147	#6-500	1
ABW 3500	3	5-1/16	SB 2147		1
ABW 4500	4	6-1/16	SB 2163-38		1
ABW 5500	5	7-1/16	SB 2163-7		1
ABW 6500	6	8-1/16	SB 2157		1
ABW 7500	7	9-1/16	SB 2157		1
ABW 8500	8	10-1/16	SB 2160		1
ABW 2750	2	5-1/16	SB 2147		1/0-750
ABW 3750	3	6-7/16	SB 2163-38	1	
ABW 4750	4	7-3/4	SB 2120	1	
ABW 5750	5	9-1/8	SB 2157	1	
ABW 6750	6	10-1/2	SB 2160	1	
ABW 7750	7	11-13/16	SB 2160	1	
ABW 8750	8	13-1/8	SB 2163-10	1	

NOTE: For oxide-inhibitor option, add "-C" suffix to the catalogue number.
 For streetlight-outlet option, add "-SL" suffix to the catalogue number.
 For insulating boots, see page 126.
 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 catalogue number. Shear-head screw is available for both the stud locking screws as well as all 350 cable port screws.

TRANSFORMER CONNECTORS

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.

ABW Series – Double-Row Bar

Cat. No.	Outlets	Length	Width	Boot No.	Cable Range	Stud Size
ABW 40-22	4	3-1/2	2-1/2	SB 16	#6-250	5/8
ABW 40-33	6	4-1/4		SB 16		
ABW 40-44	8	5-1/16		SB 16		
ABW 350-22	4	4		SB 16	#12-350	
ABW 350-33	6	4-7/8		SB 16		
ABW 350-44	8	5-7/16	SB 2163-38			
ABW 500-22	4	4-7/16	2-3/4	SB 2151	#6-500	1
ABW 500-33	6	5-7/16		SB 2158		
ABW 500-44	8	6-7/16		SB 2158		
ABW 750-22	4	4-3/4		SB 2158	1/0-750	
ABW 750-33	6	6-1/8		SB 2158		
ABW 750-44	8	7-7/16		SB 2163-7		

NOTE: For oxide-inhibitor option, add “-C” suffix to the catalogue number.
For streetlight-outlet option, add “-SL” suffix to the catalogue number.
For insulating boots, see page 126.
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 catalogue number. Shear-head screw is available for both the stud locking screws as well as all 350 cable port screws.

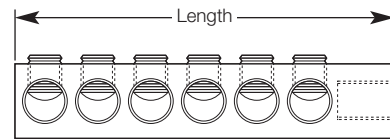
TRANSFORMER CONNECTORS

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.



ABS Series – Single-Line Bar

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

NOTE: For oxide-inhibitor option, add "-C" suffix to the catalogue number.
 For streetlight-outlet option, add "-SL" suffix to the catalogue number.
 For insulating boots, see page 126.
 For special applications and stud sizes, please consult your Thomas & Betts representative.

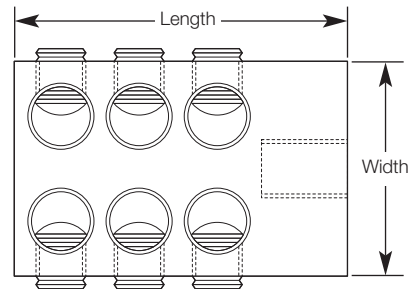


For EZ Torque® (shear-head screws) supplied in all outlets, add "-TS" suffix to the catalogue number. Shear-head screw is available for all 350 cable port screws.

TRANSFORMER CONNECTORS

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

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

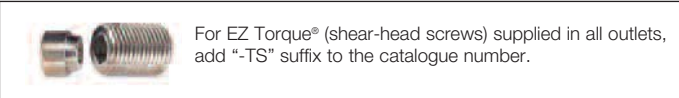


Features	Benefits/Descriptions
High-Strength Aluminum Alloy	Maintains constant bolting pressure on conductors.
Disconnectability	Easy to remove from transformer secondary threaded studs.
Dual-Rated	Accepts aluminum or copper conductors.
Standards Compliant	Meets or exceeds ANSI C119.4 specifications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

ABS Series – Double-Line Bar

Cat. No.	Boot No.	Stud Size	Outlets	Length	Cable Range
ABS 40-22	SB 16	5/8	4	3-1/16	#6-250
ABS 40-33	SB 16		6	3-7/8	
ABS 40-44	SB 16		8	4-11/16	
ABS 350-22	SB 16		4	3-5/8	#12-350
ABS 350-33	SB 16		6	4-1/2	
ABS 350-44	SB 16		8	5-7/16	
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	5-9/16	
ABS 750-44	SB 2163-6		8	6-15/16	

NOTE: For oxide-inhibitor option, add "-C" suffix to the catalogue number.
For streetlight-outlet option, add "-SL" suffix to the catalogue number.
For insulating boots, see page 126.
For special applications and stud sizes, please consult your Thomas & Betts representative.



Padmount Transformer Connectors

Aluminum Universal Quick Disconnect Transformer Connectors — RAU Series

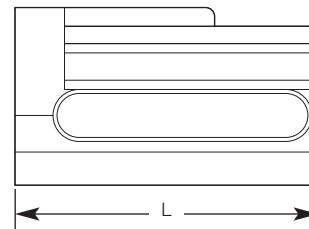
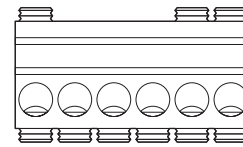
Dual-rated solutions.



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



RAU 6500



RAU Series Connectors			
Cat. No.	Outlets	Insulator Length	Cable Range
RAU 4500	4	5-1/2	#6-500
RAU 6500	6	6-7/8	
RAU 8500	8	8-7/8	

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

Aluminum Quick Disconnect Transformer Connectors — LRTR Series

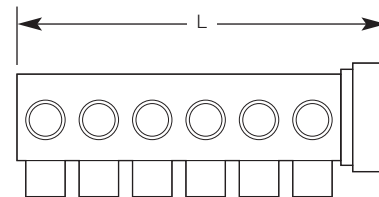
Get left-hand or right-hand installation capability.



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




LRTR 8

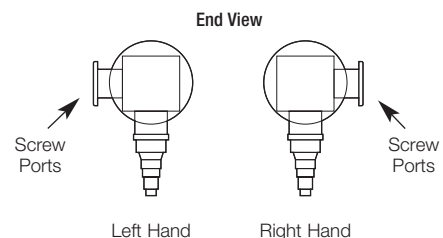


LRTR Series Connectors				
Cat. No.	Outlets	L	Wire Size	Stud Size
LRTR 4	4	7	#12-350	5/8
LRTR 6	6	9		
LRTR 8	8	11		
LRTR 4W*	4	7		
LRTR 6W*	6	9		
LRTR 8W*	8	11		

* Watertight cable and screw ports.
 NOTE: For oxide-inhibitor option, add "-C" suffix to the catalogue number.



For EZ Torque® (shear-head screws) supplied in all outlets, add "-TS" suffix to the catalogue number. Shear-head screw is available or 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.



CLRTR 6

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 catalogue number.
For streetlight-outlet option, add “-SL” suffix to the catalogue number.



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

TRANSFORMER CONNECTORS

Aluminum Quick Disconnect Transformer Connectors — ABD Series

Dual-rated and streetlight ready.



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.



ABD 8350 SL

ABD Series Connectors

Cat. No.	Outlets	Stud Size	Conductor Range
ABD 4350 SL	4	5/8	#12-350
ABD 6350 SL	6		
ABD 8350 SL	8		

Cat. No.	Outlets	Stud Size	Conductor Range
ABD 4350-1 SL	4	1	#12-350
ABD 6350-1 SL	6		
ABD 8350-1 SL	8		

* Double-row configuration.
NOTE: For oxide-inhibitor option, add "-C" suffix to the catalogue number.



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

AD Series Adapter

The adapter made for the ABD Series.

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

AD Series Adapter

Cat. No.	Stud Size
AD 58	5/8
AD 1	1



AD 58

Padmount Transformer Connectors

TRANSFORMER CONNECTORS

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.

Aluminum Quick disconnect Transformer Connectors

Cat. No.	Outlets	Insulator Length	Wire Range
LRT 2350	2	7-1/4	#12-350
LRT 4350	4		
LRT 6350	6	10-1/4	
LRT 8350	8		

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



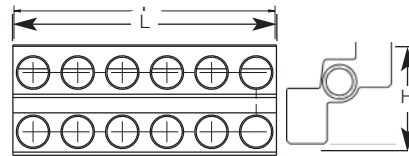
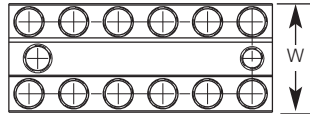
For EZ Torque® (shear-head screws) supplied in all outlets, add "-TS" suffix to the catalogue number. Shear-head screw is available for both the stud locking screws as well as all 350 cable port screws.

TRANSFORMER CONNECTORS

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.



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	#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	#12-350	5/8" and 1"	3.4 (86)	3.0 (77)	3.1 (78)	LWC63-1	SC85-1
TWB6359D51A	-	6					4.1 (105)	LWC83-1	SC85-1
TWB8359D51A	-	8					5.2 (132)	LWC103-1	SC125-1
TWB10359D51A	-	10	#12-350	5/8" and 1"	3.4 (86)	3.0 (77)	6.3 (159)	LWC123-1	SC125-1
TWB12359D51A	-	12					6.3 (159)	LWC123-1	SC125-1

Transformer Connectors, 500 Series – Bare TWB™ Bars, Dual-Rated

Quick Disconnect Cat. No.	Screw On Cat. No.	Ports	Cable Range	Stud Size (in.)	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 and 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	#10-500	5/8 and 1	3.1 (78)	2.8 (71)	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 catalogue number.
 To order a kit containing two insulated and one uninsulated connectors, add "-K21" suffix to the catalogue number.
 For streetlight option, add "S" before "D" or "J" to the catalogue number. Option is for wire ranges #14 to 1/0.
 To order TWB connector with a cover, add "-C" suffix to the catalogue number for a lock-on version or "-CS" suffix to the catalogue 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 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 5/16" hex wrench does it all — including the streetlight outlet.
Adaptable to Your Application	Truly universal — both series fit 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.

ZVW-EZSL Series with Clear PVC Lock-On Insulating Cover

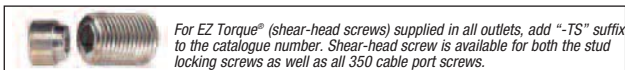
Cat. No.	Outlets	Conductor Range	Stud Size
ZVW 4023 EZSL	6	#12-350	5/8 and 1
ZVW 5033 EZSL	8		
ZVW 4025 EZSL	6	#6-500	
ZVW 5035 EZSL	8		

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

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	5/8 and 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 catalogue number.
A cover can also be installed on the Z-EZSL Series. For details, please consult your Thomas & Betts representative.



Padmount Transformer Connectors

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 5/16" hex wrench does it all — including the streetlight outlet.
Adaptable to Your Application	ZVW-USL Series fits both 5/8" or 1" studs. Series are also available each for 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.

ZVW-USL Series

Cat. No.	Outlets	Length	Conductor Range	Stud Size
ZVW 3033 USL	6	5-3/8	#12-350	5/8 and 1
ZVW 4043 USL	8	6-3/8		
ZVW 3035 USL	6	5-11/16	#6-500	
ZVW 4045 USL	8	6-13/16	1/0-750	
ZVW 3037 USL	6	6-3/8		
ZVW 4047 USL	8	7-5/8		

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

ZVW-SL Series

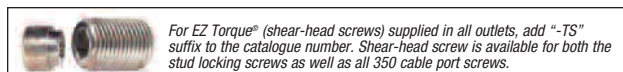
Cat. No.	Outlets	Length	Conductor Range	Stud Size
ZVW 2044 SL	6	3-15/16	#12-4/0	5/8
ZVW 3054 SL	8	4-3/4		
ZVW 4064 SL	10	5		
ZVW 2043-58 SL	6	4-3/8	#12-350	
ZVW 3053-58 SL	8	5-3/8		

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

ZVW-1 SL Series

Cat. No.	Outlets	Length	Conductor Range	Stud Size
ZVW 4023-1 SL	6	4-3/4	#12-350	1
ZVW 5033-1 SL	8	5-3/4		
ZVW 4025-1 SL	6	5-1/8	#6-500	
ZVW 5035-1 SL	8	6-1/4		

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



ZVW 4045 USL



ZVW 3053-58 SL



ZVW 5033-1 SL

TRANSFORMER CONNECTORS

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 5/16" hex wrench does it all — including the streetlight outlet.
Adaptable to Your Application	Z-USL Series fits both 5/8" and 1" studs. Series are also available each for 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.

Z-USL Series

Cat. No.	Outlets	Length	Height	Cable Range	Stud Size
Z 3033 USL	6	5-3/8	2-7/8	#12-350	5/8 and 1
Z 4043 USL	8	6-3/8		#6-500	
Z 3035 USL	6	5-11/16			
Z 4045 USL	8	6-13/16	3-1/8	1/0-750	
Z 3037 USL	6	6-1/16			
Z 4047 USL	8	7-5/16			

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



Z 4045 USL

Z-SL Series

Cat. No.	Outlets	Length	Height	Cable Range	Stud Size
Z 2044 SL	6	3-15/16	1-15/16	#12-4/0	5/8
Z 3054 SL	8	4-3/4			
Z 4064 SL	10	5	2-3/8	#12-350	
Z 2043-58 SL	6	4-1/4			
Z 3053-58 SL	8	5-1/4			

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



Z 2043-58 SL

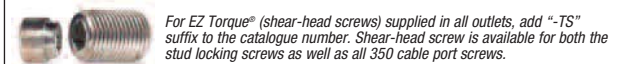
Z-1 SL Series

Cat. No.	Outlets	Length	Height	Cable Range	Stud Size
Z 4023-1 SL	6	4-3/4	2-7/8	#12-350	1
Z 5033-1 SL	8	5-3/4			
Z 4025-1 SL	6	5-1/8			
Z 5035-1 SL	8	5-3/4			

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



Z 5033-1 SL



Padmount Transformer Connectors



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

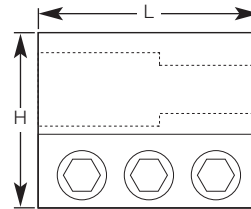
Compact design halves cantilever stress and doubles cable capacity, lessening the occurrence of leaky bushings.

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.



Aluminum Transformer Connectors

Cat. No.	Cable Range	Outlets	Stud Size	L	H
LRT-UW Series – Fully Insulated with Flood-Seal® Rockets					
LRT 33 UW	#12–350	6	5/8 and 1	3	2-1/2
LRT 44 UW		8		4	
LRT-UX Series – Fully Insulated					
LRT 33 UX	#12–350	6	5/8 and 1	4	4-3/8
LRT 44 UX		8			
LRT-U Series – Bare Bar					
LRT 33 U	#12–350	6	5/8 and 1	3	2-1/2
LRT 44 U		8		4	



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

Clear PVC Insulating Cover for LRT Series

Cat. No.	Length	Height
CBB 3344	4	4-1/4



TRANSFORMER CONNECTORS

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

Compact design halves cantilever stress and doubles cable capacity.

MAGICENN™

Features	Benefits/Descriptions
LRT-W Series Features Fully Insulated Transformer Connector	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.



Aluminum Transformer Connectors					
Cat. No.	Cable Range	Outlets	Stud Size	Length	Height
LRT-W Series – Fully Insulated with Flood-Seal® Rockets					
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	4-3/8
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 catalogue 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.

Clear PVC Insulating Cover for LRT Series		
Cat. No.	Length	Height
CBB 3344	4	4-1/4



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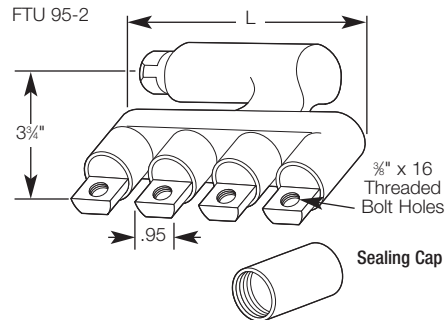
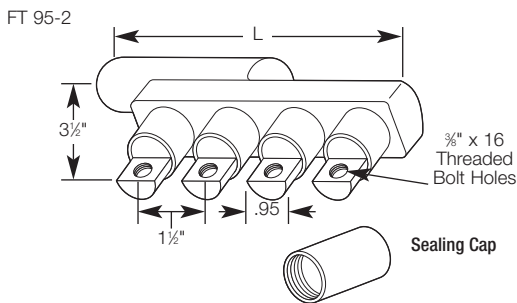
Padmount Transformer
Connectors

TRANSFORMER CONNECTORS

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.



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

Cat. No.	Outlets	L	Stud Size
FT 95 Series			
FT 95-2	2	4	5/8
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	
FT 95-66*	12	10	1
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	1
FT 95-66-1*	12	10	

Cat. No.	Outlets	L	Stud Size
FTU 95 Series with Disconnectable Bushing Adapter			
FTU 95-2	2	4	5/8
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	
FTU 95-66*	12	10	1
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	1
FTU 95-66-1*	12	10	

* Double-row configuration.
 NOTE: All Transformer Connectors include a jam nut and EPDM rubber 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 catalogue number.
 Other accessories, see page 75.

CS 2011 Flood-Seal® Rockets Sold Separately



CS 2011

Thomas & Betts

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TRANSFORMER CONNECTORS

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

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

Features	Benefits/Descriptions
Heavy PVC-Insulated Aluminum Body	Keeps out moisture while maintaining high conductivity.
Off-not 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.



FTU 125-5

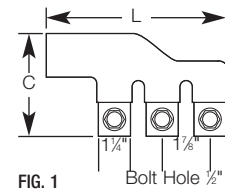


FIG. 1

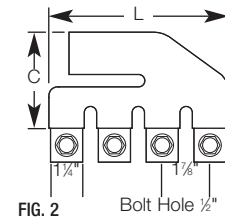


FIG. 2

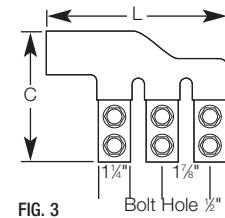


FIG. 3

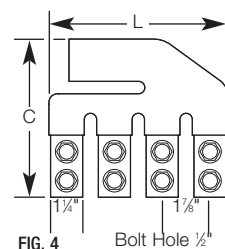


FIG. 4

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	3-7/8	4-7/8	2	5/8	FTU 2 N	3	5-5/8	4-7/8	2	5/8
FTU 125-3	1	3-7/8	6-5/8	3		FTU 3 N	3	5-7/8	6-5/8	3	
FTU 125-4	2	5-3/16	7-1/8	4		FTU 4 N	4	6-15/16	7-1/8	4	
FTU 125-5	2	5-3/16	9	5		FTU 5 N	4	6-15/16	9	5	
FTU 125-6	2	5-3/16	10-3/4	6		FTU 6 N	4	6-15/16	10-3/4	6	
FTU 125-44*	2	5-3/16	7-1/8	8		FTU 44 N*	4	6-15/16	7-1/8	8	
FTU 1-125-2	1	3-7/8	4-7/8	2	1	FTU 1-2 N	3	5-5/8	4-7/8	2	1
FTU 1-125-3	1	3-7/8	6-5/8	3		FTU 1-3 N	3	5-5/8	6-5/8	3	
FTU 1-125-4	2	5-3/16	7-1/8	4		FTU 1-4 N	4	6-15/16	7-1/8	4	
FTU 1-125-5	2	5-3/16	9	5		FTU 1-5 N	4	6-15/16	9	5	
FTU 1-125-6	2	5-3/16	10-3/4	6		FTU 1-6 N	4	6-15/16	10-3/4	6	
FTU 1-125-44*	2	5-3/16	7-1/8	8		FTU 1-44 N*	4	6-15/16	7-1/8	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 catalogue number.
For complete assembly with CSN 2011 insulating rockets, add "-AWR" suffix to the FTU-N catalogue number.
For other accessories, see pages 76-77.
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.

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 80) 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 3/8" plated steel bolt with captive Belleville washer; use Slotted-Tang Compression Terminal Lugs (page 21).
Indents on Terminals	Mate with boss on Slotted-Tang Compression Terminal Lugs to prevent lugs from rotating.

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

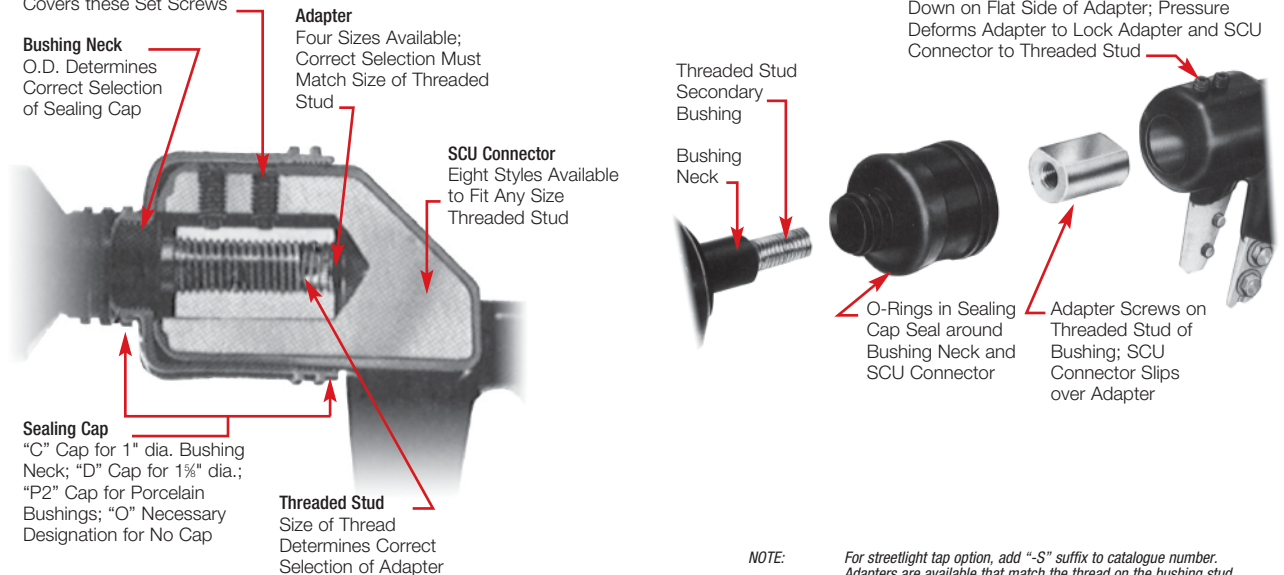
Adapter
Four Sizes Available; Correct Selection Must Match Size of Threaded Stud

SCU Connector
Eight Styles Available to Fit Any Size Threaded Stud

Sealing Cap
"C" Cap for 1" dia. Bushing Neck; "D" Cap for 1 1/2" 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

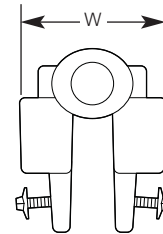
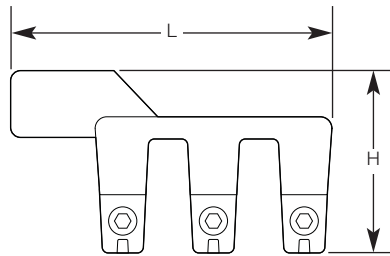


NOTE: For streetlight tap option, add "-S" suffix to catalogue number. Adapters are available that match the thread on the bushing stud. Sealing Caps are available that match the diameter of the bushing neck. An example of an order with a straight tap option is SCU 44-S-A 10BB-C.

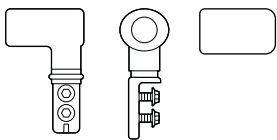
TRANSFORMER CONNECTORS

Submersible Transformer Bus

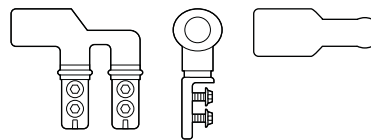
Cat. No.	Wire Range	For Stud Thread	No. of Terminals	Bolts per Terminal	Dimensions in. (mm)		
					L	H	W
SCU 11	#4-500		1	2	3.6 (90)	5.7 (144)	2.3 (57)
SCU 22	#4-500		2	2	5.8 (146)	5.7 (144)	2.3 (57)
SCU 40	#6-350		4	1	9.1 (230)	4.7 (120)	2.3 (57)
SCU 44	#4-500	1-14, 5/8-11	4	2	10 (254)	5.7 (144)	2.3 (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)



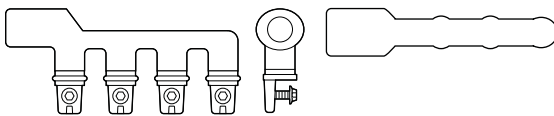
SCU 11
Profile End View Top View



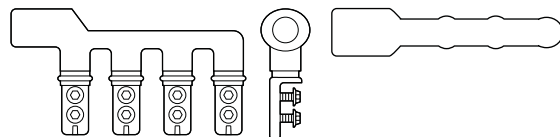
SCU 22
Profile End View Top View



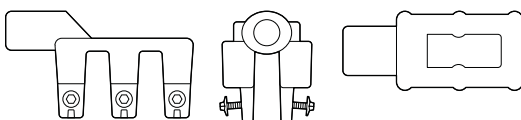
SCU 40
Profile End View Top View



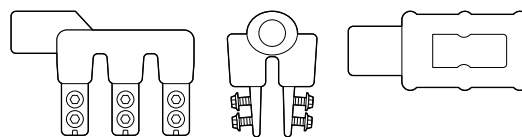
SCU 44
Profile End View Top View



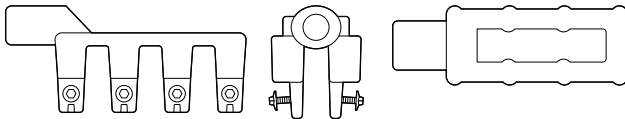
SCU 60
Profile End View Top View



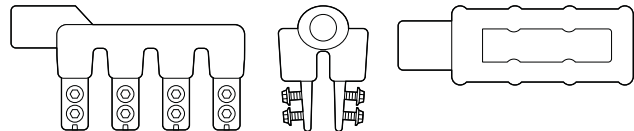
SCU 66
Profile End View Top View



SCU 80
Profile End View Top View



SCU 88
Profile End View Top View



Adapters

Cat. No.	For Stud Thread
A 10 BB	1-14
A 58	5/8-11

Sealing Caps

Cat. No.	Bushing Neck Dia.
C	1
D	1-5/8
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.

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



2043-10

Screw-On Stud Adapters

Cat. No.	Stud Size	Cable Size
2043-1	5/8-11	350
2043-2	1/2-13	350
2043-3	3/8-16	350
2043-4	1-14	350
2043-5	3/4-16	4/0
2043-6	1-8	350
2043-7	1/2-13	4/0
2043-8	1/2-13	250
2043-9	5/8-11	250
2043-10	5/8-11	500

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

TRANSFORMER ADAPTERS

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.



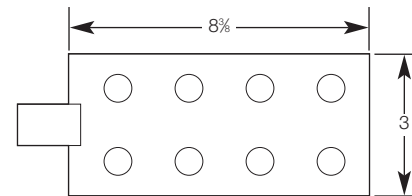
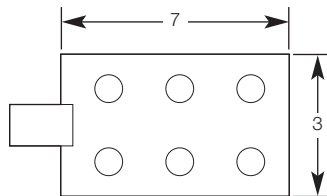
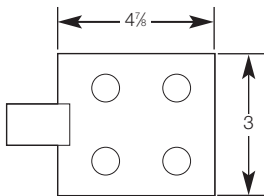
2042-1



2042-4



2042-8



Copper Tin-Plated Transformer Stud Adapters

Cat. No.	Stud Size
Four-Hole Transformer Stud Adapters	
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.

Cat. No.	Stud Size
Six-Hole Transformer Stud Adapters	
2042-4	5/8-11
2042-5	1-14
2042-6	1-1/4-12
2042-7	1-1/2-12

Cat. No.	Stud Size
Eight-Hole Transformer Stud Adapters	
2042-8	5/8-11
2042-9	1-14
2042-10	1-1/4-12
2042-11	1-1/2-12

TRANSFORMER SPADE CONNECTORS

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

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

Aluminum Lay-In Transformer Spade Connectors

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

Cat. No.	Outlets	Cable Range	Length	Height	Mount Holes
ABK Series – Tall Pad Design					
ABK 1750	1	1/0-750	1-53/64	8-1/2	3
ABK 2750	2		3-15/16		6
ABK 3750	3		5-3/32		9
ABK 4750	4		6-47/64		12
ABK 6750	6		10		18
ABK 8750	8		13-1/2		24
AK™ Series					
AK 600 N	1	#2-600	—	—	—

* Slotted pad holes.
NOTE: For tin-plating option, add "-TN" suffix to the catalogue number.

TRANSFORMER SPADE CONNECTORS

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

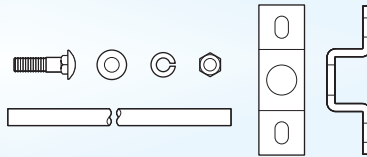
Save time and labor by placing cables into the Keeper slot.

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

Aluminum Lay-In Transformer Spade Connectors

Cat. No.	Outlets	Conductor Range
ABK™ 1000 Series – Back-To-Back		
ABK 221000	4	1/0–1000
ABK 331000	6	
ABK 441000	8	
ABK 661000	12	
ABK 881000	16	

Cat. No.	Outlets	Conductor Range
ABK™ 7024 Series – Single Row		
ABK 81-7024 R	8	1/0–1000
ABK 81-7024 L	8	

Cat. No.	Outlets	Conductor Range
ABK™ 7024 Series – Back-to-Back		
ABK 881-7024	16	1/0–1000

Note: For oxide-inhibitor option, add "-C" to the catalogue number.
For SB Series insulating covers, see page 125



TRANSFORMER SPADE CONNECTORS

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	Greater versatility for additional connections.
RUS Accepted	Approved by the federal government for utility use.

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.



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 4041-1-2 SLCTM		8	11.5
ZBKW 4041-1-2 SLRCTM		8	11.5

Includes 1" transformer stud, two streetlight outlets, current transformer and mounting support provision.
NOTE: For 1-1/4" stud, change "-1" suffix to "-1.25." For 1-1/2" stud, change "-1" suffix to "-1.5."



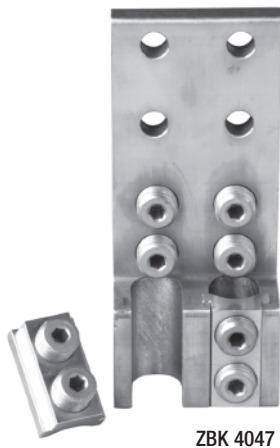
TRANSFORMER SPADE CONNECTORS

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

ZBK™ 2 SLM Series

Cat. No.	Conductor Range	Outlets	Size
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 catalogue number.
 For SB Series insulating boots, see page 125.
 For tin-plating option, add "-TN" suffix to the catalogue number.

Padmount Transformer Connectors



TRANSFORMER SPADE CONNECTORS

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

ABT™ Series – Single-Row Mounting Holes

Cat. No.	Outlets	Length	Mounting Holes	Conductor Range
ABT 440-48	4	4-3/4	3	#6-250
ABT 640-48	6	5-15/16	4	
ABT 840-48	8	7-15/16	4	
ABT 4350-48	4	4-5/8	3	#12-350
ABT 6350-48	6	6-1/2	4	
ABT 8350-48	8	8-1/4	5	
ABT 4500-48	4	4-9/16	3	#6-500
ABT 6500-48	6	6-1/2	4	
ABT 8500-48	8	9-1/4	6	

NOTE: For oxide-inhibitor option, add "-C" suffix to the catalogue number.
For SB Series insulating covers, see page 125.
For tin-plating option, add "-TN" suffix to the catalogue number.

ABT™ Series – Double-Row Mounting Holes

Cat. No.	Outlets	Length	Mounting Holes	Conductor Range
ABT 440	4	4-3/4	6	#6-250
ABT 640	6	5-15/16	8	
ABT 840	8	7-15/16	8	
ABT 2350	2	3	4	#12-350
ABT 3350	3	3	4	
ABT 4350	4	4-5/8	6	
ABT 6350	6	6-1/2	8	
ABT 8350	8	8-1/4	10	
ABT 2500	2	3	4	
ABT 3500	3	3	4	#6-500
ABT 4500	4	4-9/16	6	
ABT 5500	5	5-23/32	8	
ABT 6500	6	6-1/2	8	
ABT 8500	8	9-1/4	12	

NOTE: For oxide-inhibitor option, add "-C" suffix to the catalogue number.
For SB Series insulating covers, see page 125.
For tin-plating option, add "-TN" suffix to the catalogue number.

Aluminum Transformer Spade Connectors ABT™ Double 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 4500 DS

ABT™ Series – Double Set-Screw Series

Cat. No.	Outlets	Length	Mounting Holes	Conductor Range
ABT 1500 DS	1	1-1/4	2	#6-500
ABT 2500 DS	2	3	4	
ABT 3500 DS	3	3-5/8	4	
ABT 4500 DS	4	4-3/4	6	
ABT 5500 DS	5	5-23/32	8	
ABT 6500 DS	6	6-1/2	8	
ABT 8500 DS	8	9-3/16	12	
ABT 1750	1	1-1/2	2	
ABT 2750	2	3	4	
ABT 3750	3	4-3/4	6	
ABT 4750	4	6-1/2	8	
ABT 5750	5	6-1/2	8	
ABT 6750	6	8-1/4	10	
ABT 8750	8	10-11/16	12	
ABT 11000	1	1-3/4	2	1/0-1000
ABT 21000	2	3	4	
ABT 31000	3	4-3/4	6	
ABT 41000	4	6-1/2	8	
ABT 61000	6	9-3/4	12	
ABT 81000	8	12-1/4	12	

NOTE: For oxide-inhibitor option, add "-C" suffix to the catalogue number.
For tin-plating option, add "-TN" suffix to the catalogue number.
For SB Series insulating covers, see page 125.

TRANSFORMER SPADE CONNECTORS

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

ZBT™ Series – Single-Row Mounting Holes

Cat. No.	Cable Range	Outlets	Length	Mounting Holes
ZBT 1013-48	#12–350	2	31/32	1
ZBT 2023-48		4	2	1
ZBT 3033-48		6	3	2
ZBT 4043-48		8	4-3/4	3
ZBT 5053-48		10	4-3/4	3
ZBT 6063-48		12	6-1/2	4

ZBT™ Series – Double-Row Mounting Holes

Cat. No.	Cable Range	Outlets	Length	Mounting Holes
ZBT 1013	#12–350	2	31/32	2
ZBT 2023		4	2	2
ZBT 3033		6	3	4
ZBT 4043		8	4-3/4	6
ZBT 5053		10	4-3/4	6
ZBT 6063		12	6-1/2	8
ZBT 1017	1/0–750	2	1-5/8	2
ZBT 2027		4	3	4
ZBT 4047		8	6-1/2	8
ZBT 5057		10	8-1/4	10
ZBT 6067		12	8-1/4	10
ZBT 8087		16	11	12
ZBT 1717 DS*		2	1-5/8	2
ZBT 2027 DS*		4	3	4
ZBT 4047 DS*		8	6-1/2	8
ZBT 5057 DS*		10	8-1/4	10
ZBT 6067 DS*		12	8-1/4	10
ZBT 8087 DS*		16	11	12
ZBT 1011*	1/0–1000	2	1-5/8	2
ZBT 2021*		4	3-5/16	4
ZBT 3031*		6	5	6
ZBT 4041*		8	6-11/16	8
ZBT 8081*		16	13-7/16	16

*Two set-screws per outlet.
 NOTE: For oxide-inhibitor option, add “-C” suffix to the catalogue number.
 For SB Series insulating covers, see page 125.
 For tin-plating option, add “-TN” suffix to the catalogue number.

TRANSFORMER SPADE CONNECTORS

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.

ABN™ Series

Cat. No.	Cable Range	Outlets	Length	Mounting Holes
ABN 240	#6-250	2	4-3/4	SB 17
ABN 340		3	5-1/2	SB 17
ABN 440		4	6-5/16	SB 11
ABN 540		5	7-1/16	SB 11
ABN 640		6	7-7/8	SB 11
ABN 740		7	8-5/8	SB 14
ABN 840		8	9-7/16	SB 14
ABN 2350		#6-350	2	4-15/16
ABN 3350	3		5-7/8	SB 11
ABN 4350	4		6-3/4	SB 11
ABN 5350	5		7-11/16	SB 11
ABN 6350	6		8-9/16	SB 14
ABN 7350	7		9-1/2	SB 14
ABN 8350	8		10-7/16	2160
ABN 2500	#2-500		2	5-5/16
ABN 3500		3	6-5/16	SB 11
ABN 4500		4	7-5/16	SB 11
ABN 5500		5	8-5/16	SB 14
ABN 6500		6	9-5/16	2160
ABN 7500		7	10-5/16	2163
ABN 8500		8	11-5/16	2163-3
ABN 2750		1/0-750	2	5-15/16
ABN 3450	3		7-1/4	2120
ABN 4750	4		8-5/8	2120
ABN 5750	5		9-15/16	2160
ABN 6750	6		11-1/4	2160
ABN 7750	7		12-5/8	2163-3
ABN 8750	8		13-15/16	2163-3

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

Padmount Transformer
Connectors

TRANSFORMER SPADE CONNECTORS

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.



FTN 125-4N



FTN 125-44N

125 Series

Cat. No.	Run	Tap
1-Hole Outlets		
FTN 125-2	2	4
FTN 125-3	3	4-7/8
FTN 125-4	4	6
FTN 125-5	5	7-7/8
FTN 125-6	6	7-7/8
FTN 125-44*	8	6

Cat. No.	Run	Tap
2-Hole Outlets		
FTN 125-2N	2	4
FTN 125-3N	3	4-7/8
FTN 125-4N	4	6
FTN 125-5N	5	7-7/8
FTN 125-6N	6	7-7/8
FTN 125-44N*	8	6

* Double-row configuration.
 NOTE: For complete assembly with CS 2011 insulating rockets, add "-AWR" suffix to the FTN catalogue number.
 For complete assembly with CSN 2011 insulating rockets, add "-AWR" suffix to the FTN-N catalogue number.

TRANSFORMER SPADE ADAPTERS

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.

TSC 4 Series – Aluminum

Cat. No.	Bolt Holes	Spade Thickness
TSC 4-6	6	3/8
TSC 4-8	8	
TSC 4-10	10	3/4
TSC 4-12	12	

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



TSC 4-6

TSC Series – Aluminum

Cat. No.	Bolt Holes	Spade Thickness
TSC 6	6	3/8
TSC 8	8	
TSC 10	10	3/4
TSC 12	12	

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

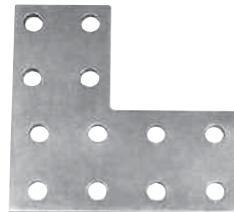


TSC 8

CTSC 4 Series – Copper

Cat. No.	Bolt Holes	Spade Thickness
CTSC 4-6	6	1/4
CTSC 4-8	8	
CTSC 4-10	10	1/2
CTSC 4-12	12	

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



CTSC 4-12

CTSC Series – Copper

Cat. No.	Bolt Holes	Spade Thickness
CTSC 6	6	1/4
CTSC 8	8	
CTSC 10	10	1/2
CTSC 12	12	

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



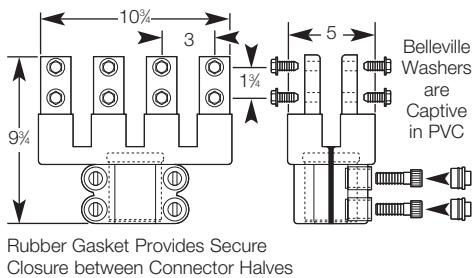
CTSC 8

Padmount Transformer
Connectors

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 kcmil, vertical or horizontal.



Vertical Cable Leads

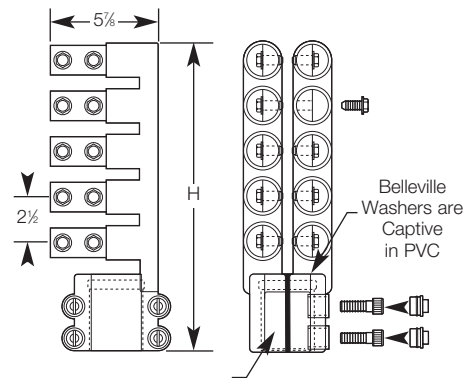
Cat. No.	Outlets	Stud Size
FTT 44-175-15	8	1-1/2
FTT 44-175-30	8	3

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

Horizontal Cable Leads

Cat. No.	Outlets	Height	Stud Size
FTH 22-175-15	4	9-3/8	1-1/2
FTH 33-175-15	6	11-7/8	
FTH 44-175-15	8	14-3/8	
FTH 55-175-15	10	16-7/8	
FTH 22-175-30	4	9-3/8	3
FTH 33-175-30	6	11-7/8	
FTH 44-175-30	8	14-3/8	
FTH 55-175-30	10	16-7/8	

NOTE: For copper connectors, add "-CU" suffix to the catalogue number.
 For complete assembly with insulating rockets, add "-AWR" suffix to the catalogue 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

Padmount Transformer Connectors

INSULATING BOOTS AND COVERS

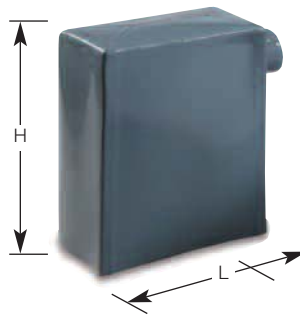
Insulating Boots for Transformer Spade Connectors

Insulating boots for harsh environments.

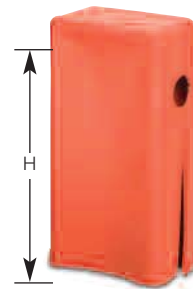
Features	Benefits/Descriptions
BBV4N Features EPDM Rubber Flexi-Boot	Will not crack from cold embrittlement, will not cold flow and will not soften with heat.
BBV4N Features Flexible Locking Ribs	Prevent accidental removal of EPDM boot.
Polyethylene and PVC Boots Available	Choose from a wider selection 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)

Insulating Boots

Cat. No.	Length	Width	Height
SB Series			
SB 2144	3-1/4	4-1/2	9
SB 2147	5-1/2	2-1/2	6-1/8
SB 2151	5-1/2	4	12
SB 17	5-15/16	2-3/4	3-3/4
SB 2163-6	7	4-5/8	8-7/8
SB 2163-7	8	3	7-7/8
SB 11	8-1/8	2	2-1/16
SB 2120	8-3/4	2-1/2	5-1/5
SB 2163-12	8-3/4	5	8-1/8
SB 2163-2	8-3/4	5	9
SB 2157	9-3/4	2-3/4	7-3/4
SB 2159	9-3/4	4-5/8	11-3/4
SB 14	9-15/16	2	2-1/16
SB 2160	12	2-3/4	5-7/8
SB 2163-3	12-3/8	5-3/16	11-7/8
SB 2163-10	13-3/4	5	7-3/4
SB 2163-4	14	5-1/2	11-7/8

Cat. No.	Length	Width	Height
BBV Series			
BBV4N	4-3/8	2-3/4	10
PB Series			
PB 2 T	4	4	8
PB 1 T	6-1/4	2-1/2	4

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

Padmount Transformer
Connectors

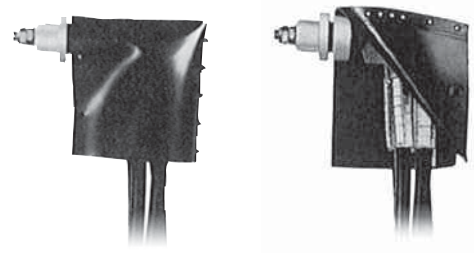
Multi-Purpose Insulating Covers

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 terminals 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.

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 Colour	Minimizes dig-ins on U.D. lines.
Lightweight, Rugged Polyethylene	Resists high or low pH conditions.

Warning Tape

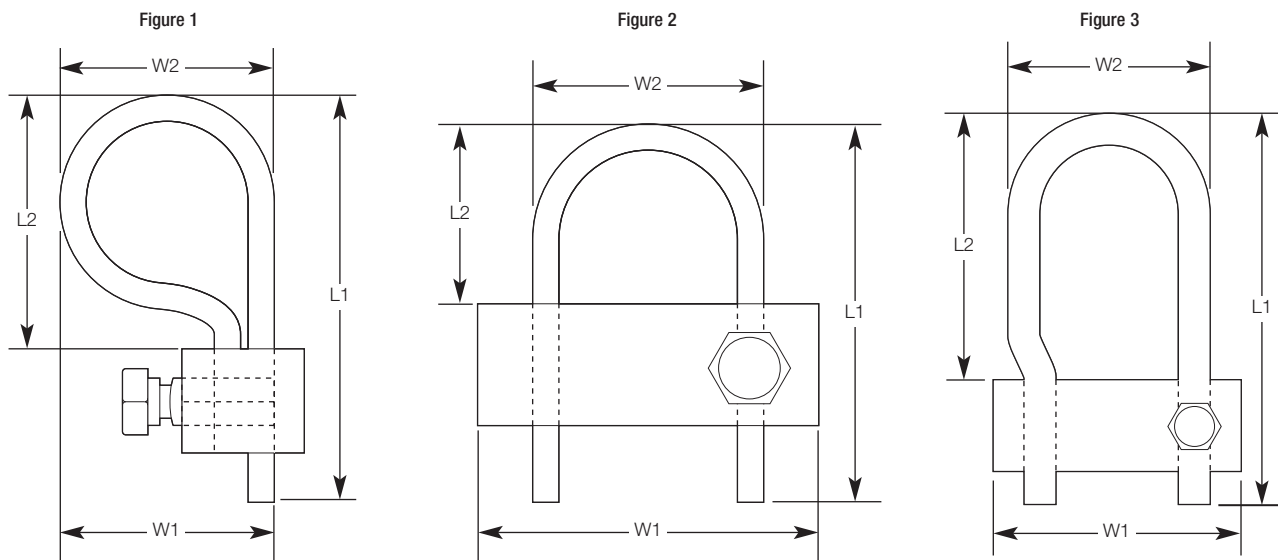
Cat. No.	Width		Length		Colour
	in.	mm	ft.	m	
YT 6	6	152	1000	350	Yellow
YT 3	3	76			
RT 6	6	152			Red
RT 3	3	76			



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

Padmount Transformer Connectors

Equipment Locks

Cat. No.	Figure No.	Dimensions (in.)				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 2A	3	3.00	1.69	2.00	1.06	4



**Our overhead products
go above and beyond
all others.**

We have plenty of overhead connectors. From transformer eyebolts and stirrup connectors to a wide variety of splices, down to service entrance disconnect kits, Thomas & Betts has everything you need to make safe and reliable overhead runs and service drops.

QUICK REFERENCE

Overhead Connectors & Covers

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SERVICE ENTRANCE DISCONNECT KITS

Storm-Safe® Breakaway Service Entrance Kits — Two and Three Service



Mechanical breakaway link separates service at the pole to prevent damage to utility equipment and customer premises.

Features	Benefits/Descriptions
Downed Line Safety	Separates at the pole, not the weatherhead. The line always comes down de-energized.
Crew Safety	The correction is made well below the high-voltage bushings, making it safer for crews to work during a storm outage.
Quick Restoration of Power	Simply replace the mechanical breakaway link and re-insert the contacts.
Disconnect Service without Pulling the Meter	Enables service to be disconnected remotely.
Sealed Contacts	An internal O-ring prevents moisture ingress into the contact and external Flood-Seal® insulating rockets seal the entire system from the elements.
Dual-Rated	Use with aluminum and copper conductors.
Standards Compliant	Meet ANSI C119.4-2004 specifications.

Breakaway Service Entrance Kits

CAT. NO.	Contact Block	Assembly	Insulating Rockets	1/2-13 Bolts
SS 2 K – Two-Service Base Kit				
SS 2 K	1	1 U-Bolt	2 Flood-Seal®	3
SS 3 K – Three-Service Base Kit				
SS 3 K	1	1 U-Bolt	2 Flood-Seal®	3

NOTE: SS 2 K requires two SSP Pin Kits (below).
SS 3 K requires three SSP Pin Kits (below).



SS 2 K

Pin Kits

CAT. NO.	Triplex Block	Neutral Assembly	Breakaway Rockets
SSP 1/0 FN 500K	1/0, 1/0, 1/0 ACSR	Full Neutral	500
SSP 1/0 FN 750K			750
SSP 1/0 RN 500K	1/0, 1/0, #2	Reduced Neutral	500
SSP 1/0 RN 750K			750
SSP 2 FN 500K	#2, #2, #2	Full Neutral	500
SSP 2 FN 750K			750
SSP 2 RN 500K	#2, #2, #4	Reduced Neutral	500
SSP 2 RN 750K			750
SSP 4 FN 500K	#4, #4, #4	Full Neutral	500
SSP 4 FN 750K			750
SSP 4 RN 500K	#4, #4, #6	Reduced Neutral	500
SSP 4 RN 750K			750

NOTE: Kit consists of two pin terminals, one neutral pin terminal, one SSL Link Kit (breakaway link and bail) and two Flood-Seal® insulating rockets. Three pin kits are required for a three-service base kit and two pin kits are required for a two-service base kit.



SSP 1/0 FN 500 K

SERVICE ENTRANCE DISCONNECT KITS

Storm-Safe® Breakaway Service Entrance Kits — Single Service

Mechanical breakaway link separates service at the pole to prevent damage to utility equipment and customer premises.



Features	Benefits/Descriptions
Downed Line Safety	Separates at the pole, not the weatherhead. The line always comes down de-energized.
Crew Safety	The correction is made well below the high-voltage bushings, making it safer for crews to work during a storm outage.
Quick Restoration of Power	Simply replace the mechanical breakaway link and re-insert the contacts.
Disconnect Service without Pulling the Meter	Enables service to be disconnected remotely.
Sealed Contacts	An internal O-ring prevents moisture ingress into the contact and external Flood-Seal® insulating rockets seal the entire system from the elements.
Dual-Rated	Use with aluminum and copper conductors.
Standards Compliant	Meet ANSI C119.4-2004 specifications.

Breakaway Service Entrance Kits

CAT. NO.	Triplex Block	Neutral Assembly	Breakaway Rockets
SS1 1/0 FN 500K	1/0, 1/0, 1/0 ACSR	Full Neutral	500
SS1 1/0 FN 750K			750
SS1 1/0 RN 500K	1/0, 1/0, #2	Reduced Neutral	500
SS1 1/0 RN 750K			750
SS1 2 FN 500K	#2, #2, #2	Full Neutral	500
SS1 2 FN 750K			750
SS1 2 RN 500K	#2, #2, #4	Reduced Neutral	500
SS1 2 RN 750K			750
SS1 4 FN 500K	#4, #4, #4	Full Neutral	500
SS1 4 FN 750K			750
SS1 4 RN 500K	#4, #4, #6	Reduced Neutral	500
SS1 4 RN 750K			750

NOTE: Kit consists of two sockets, one neutral socket, two pin terminals, one neutral pin terminal, one SSL Link Kit (breakaway link and bail), two Flood-Seal® insulating splice covers and one Flood-Seal® insulating rocket.



SS1 4 FN 750 K

SSL – Link Kits

CAT. NO.	Breakaway Rockets
SSL 500 K	500
SSL 750 K	750

NOTE: Kit consists of one breakaway link and one bail.



SSL 750 K

SERVICE ENTRANCE COMPRESSION SPLICES

Uninsulated Aluminum Service Entrance Compression Splices — 1/2" Die Series

Basic uninsulated splices for service entrances.



Q 1 U 54

Features	Benefits/Descriptions
Constructed from Aluminum	Provides high conductivity.
Solid Center Barriers and Large Chamfers	Easy cable insertion.
Prefilled with Oxide Inhibitor	Prevents oxidation and keeps out moisture.
All Splices Are Colour-Coded and Marked with Strip Lengths, Installation Die Codes and Compression Locations	Easy identification for easy installation.
Standards Compliant	Comply with ANSI C119.4 when properly installed on aluminum-to-aluminum or aluminum-to-copper conductors.
RUS Accepted	Approved by the Federal government for utility use.

Uninsulated Aluminum Service Entrance Compression Splices

CAT. NO.	Conductor A				Conductor B			
	Colour	Sol.	Str.	ACSR	Colour	Sol.	Str.	ACSR
Q 1 U 52	Green	#6	#8	-	Green	#6	#8	-
Q 1 U 53					Brown	#8	#10	-
Q 1 U 54	Blue	#4	-	#6-6/1	Blue	#4	-	#6-6/1
Q 1 U 55					Green	#6	#8	-
Q 1 U 56					Brown	#8	#10	-
Q 1 U 57					Orange	#2	-	#4-6/1, 7/1
Q 1 U 58	Orange	#2	-	#4-6/1, 7/1	Blue	#4	-	#6-6/1
Q 1 U 59					Green	#6	#8	-
Q 1 U 60					Brown	#8	#10	-
Q 1 U 65	Red	#1	#1 and #2	#2-6/1, 7/1	Red	#1	#1 and #2	#2-6/1, 7/1
Q 1 U 67					Orange	#2	-	#4-6/1, 7/1
Q 1 U 68					Blue	#4	-	#6-6/1
Q 1 U 69					Green	#6	#8	-
Q 1 U 70					Brown	#8	#10	-

SERVICE ENTRANCE COMPRESSION SPLICES

Aluminum Service Entrance Compression Splices — U 1 B™ and CS™ 5/8" Die Series



Standard 2" length compression splices.

Features	Benefits/Descriptions
Constructed from Aluminum	Provides high conductivity.
Solid Center Barriers and Large Chamfers	Easy cable insertion.
Prefilled with Oxide Inhibitor	Prevents oxidation and keeps out moisture.
All Splices Are Colour-Coded and Marked with Strip Lengths, Installation Die Codes and Compression Locations	Easy identification for easy installation.
Standards Compliant	Comply with ANSI C119.4 when properly installed on aluminum-to-aluminum or aluminum-to-copper conductors. RUS accepted.
RUS Accepted	Approved by the Federal government for utility use.



U 1 B 1010 EC



CS73

Aluminum Service Entrance Compression Splices

Homac® CAT. NO.	Blackburn® CAT. NO.	Conductor A				Conductor B			
		Colour	ACSR	Str.	Sol.	Colour	ACSR	Str.	Sol.
U 1 B 11	—	Brown	—	#10	#8	Brown	—	#10	#8
U 1 B 88	CS61	Green	—	#8	#6	Green	—	#8	#6
U 1 B 81	—					Brown	—	#10	#8
U 1 B 66	CS64	Blue	#6 (6/1)	—	#4	Blue	#6 (6/1)	—	#4
U 1 B 68	CS63					Green	—	#8	#6
U 1 B 61	CS62					Brown	—	#10	#8
U 1 B 612	—					Black	—	#12	#10
U 1 B 44	CS68	Orange	#4 (6/1, 7/1)	—	#2	Orange	#4 (6/1, 7/1)	—	#2
U 1 B 46	CS67					Blue	#6 (6/1)	—	#4
U 1 B 48	CS66					Green	—	#8	#6
U 1 B 41	CS65					Brown	—	#10	#8
U 1 B 22	CS73	Red	#2 (6/1, 7/1)	#1 and #2	#1	Red	#2 (6/1, 7/1)	#1 and #2	#1
U 1 B 24	CS72					Orange	#4 (6/1, 7/1)	—	#2
U 1 B 26	CS71					Blue	#6 (6/1)	—	#4
U 1 B 28	CS70					Green	—	#8	#6
U 1 B 21	CS69	Yellow	1/0 (6/1)	1/0	#1	Brown	—	#10	#8
U 1 B 1010	CS78					Yellow	1/0 (6/1)	1/0	—
U 1 B 102	CS77					Red	#2 (6/1, 7/1)	#1 and #2	#1
U 1 B 104	CS76					Orange	#4 (6/1, 7/1)	—	#2
U 1 B 106	CS75	Grey	—	2/0	—	Blue	#6 (6/1)	—	#4
U 1 B 108	CS74					Green	—	#8	#6
—	CS84					Yellow	1/0 (6/1)	1/0	—
—	CS85					Grey	—	2/0	—

Note: To have the connector individually supplied with end caps, add "-EC" suffix to the catalogue number.

SERVICE ENTRANCE COMPRESSION SPLICES

Insulated Aluminum Service Entrance Compression Splices — U 5/8" Die Series (Standard Length, 2-25/32" Long)



For standard conductors.

Features	Benefits/Descriptions
Constructed from Aluminum	Provides high conductivity.
Solid Center Barriers and Large Chamfers	Easy cable insertion.
Tough Stabilized Nylon Sleeves	Resist installing tool pressure and provide reliable 600V insulation.
Prefilled with Oxide Inhibitor	Prevents oxidation and keeps out moisture.
All Splices Are Colour-Coded and Marked with Strip Lengths, Installation Die Codes and Compression Locations	Simplifies installation.
Homac Splices Have Coloured End Caps	Makes identification easy.
Standards Compliant	Comply with ANSI C119.4 when properly installed on aluminum-to-aluminum or aluminum-to-copper conductors.
RUS Accepted	Approved by the Federal government for utility use.



URR 22



ICS73-1

Insulated Aluminum Service Entrance Compression Splices

Homac® CAT. NO.	Blackburn® CAT. NO.	Conductor A						Conductor B					
		Colour	ACSR	Str.	Sol.	Diameter (in.)		Colour	ACSR	Str.	Sol.	Diameter (in.)	
						Max.	Min.					Max.	Min.
UGBR 81	—	Green	—	#8	#6	0.162	0.144	Brown	—	#10	#8	0.128	0.114
UGG 88	ICS61-1							Green	—	#8	#6	0.162	0.144
UBBR 61	ICS62-1	Blue	#6	#6	#4	0.204	0.184	Brown	—	#10	#8	0.128	0.114
UBG 68	ICS63-1							Green	—	#8	#6	0.162	0.144
UBB 66	ICS64-1	Orange	#4	#4	#2	0.258	0.213	Blue	#6	#6	#4	0.204	0.184
UOBR 41	ICS65-1							Brown	—	#10	#8	0.128	0.114
UOG 48	ICS66-1	Red	#2	#1 and #2	—	0.328	0.268	Green	—	#8	#6	0.162	0.144
UOB 46	ICS67-1							Blue	#6	#6	#4	0.204	0.184
UO0 44	ICS68-1	Yellow	1/0	1/0	—	0.398	0.368	Orange	#4	#4	#2	0.258	0.213
URBR 21	—							Red	#2	#1 and #2	—	0.328	0.268
URG 28	ICS70-1	Yellow	1/0	1/0	—	0.398	0.368	Green	—	#8	#6	0.162	0.144
URB 26	ICS71-1							Blue	#6	#6	#4	0.204	0.184
URO 24	ICS72-2	Yellow	1/0	1/0	—	0.398	0.368	Orange	#4	#4	#2	0.258	0.213
URR 22	ICS73-1							Red	#2	#1 and #2	—	0.328	0.268
UYG 08	ICS74-1	Yellow	1/0	1/0	—	0.398	0.368	Green	—	#8	#6	0.162	0.144
UYB 06	ICS75-1							Blue	#6	#6	#4	0.204	0.184
UYO 04	ICS76-1	Yellow	1/0	1/0	—	0.398	0.368	Orange	#4	#4	#2	0.258	0.213
UYR 02	ICS77-1							Red	#2	#1 and #2	—	0.328	0.268
UYU 00	ICS78-1	Yellow	1/0	1/0	—	0.398	0.368						

SERVICE ENTRANCE COMPRESSION SPLICES

Insulated Aluminum Service Entrance Compression Splices — U 1 N 5/8" Die Series (Longer Length, 3-1/4" Long)

For standard conductors.



U 1 N 106

Features	Benefits/Descriptions
Constructed from Aluminum	Provides high conductivity.
Solid Center Barriers and Large Chamfers	Easy cable insertion.
Prefilled with Oxide Inhibitor	Prevents oxidation and keeps out moisture.
All Splices Have Colour-Coded End Caps and are Marked with Strip Lengths, Installation Die Codes and Compression Locations	Easy identification for easy installation.
Standards Compliant	Comply with ANSI C119.4 when properly installed on aluminum-to-aluminum or aluminum-to-copper conductors.
RUS Accepted	Approved by the Federal government for utility use.

Insulated Aluminum Service Entrance Compression Splices

CAT. NO.	Conductor A				Conductor B			
	Colour	Sol.	Str.	ACSR	Colour	Sol.	Str.	ACSR
U 1 N 16	Brown	#8	#10	-	Green	#6	#8	-
U 1 N 11					Brown	#8	#10	-
U 1 N 12					Red	#1	#2	#2-6/1, 7/1
U 1 N 88	Green	#6	#8	-	Green	#6	#8	-
U 1 N 81					Brown	#8	#10	-
U 1 N 66	Blue	#4	-	#6-6/1	Blue	#4	-	#6-6/1
U 1 N 68					Green	#6	#8	-
U 1 N 61					Brown	#8	#10	-
U 1 N 44	Orange	#2	-	#4-6/1, 7/1	Orange	#2	-	#4-6/1, 7/1
U 1 N 46					Blue	#4	-	#6-6/1
U 1 N 48					Green	#6	#8	-
U 1 N 41					Brown	#8	#10	-
U 1 N 22	Red	#1	#1 and #2	#2-6/1, 7/1	Red	#1	#1 and #2	#2-6/1, 7/1
U 1 N 24					Orange	#2	#3 and #4	#4-6/1, 7/1
U 1 N 26					Blue	#4	#5 and #6	#6-6/1
U 1 N 28					Green	#6	#8	-
U 1 N 21					Brown	#8	#10	-
U 1 N 1010	Yellow	#1	1/0	1/0-6/1	Yellow	-	1/0	1/0-6/1
U 1 N 102					Red	#1	#1 and #2	#2-6/1
U 1 N 104					Orange	#2	-	#4-6/1
U 1 N 106					Blue	#4	-	#6-6/1
U 1 N 108					Green	#6	#8	-

SERVICE ENTRANCE COMPRESSION SPLICES

Insulated Aluminum Service Entrance Compression Splices — U 5/8" Die Series (Longer Length — 3-1/4" Long)

For compact conductors.



U 68 BG

Features	Benefits/Descriptions
Constructed from Aluminum	Provides high conductivity.
Solid Center Barriers and Large Chamfers	Easy cable insertion.
Tough Stabilized Nylon Sleeves	Resist installing tool pressure and provide reliable 600V insulation.
Prefilled with Oxide Inhibitor	Prevents oxidation and keeps out moisture.
All Splices Are Colour-Coded and Marked with Strip Lengths, Installation Die Codes and Compression Locations	Easy identification for easy installation.
Standards Compliant	Comply with ANSI C119.4 when properly installed on aluminum-to-aluminum or aluminum-to-copper conductors.
RUS Accepted	Approved by the Federal government for utility use.

Uninsulated Aluminum Service Entrance Compression Splices

CAT. NO.	Conductor A				Conductor B				
	Colour	Str.	Compt.	Comp.	Colour	Str.	Compt.	SoI.	Comp.
U 61 BBR	Blue	#6	#6	#6	Brown	#10	-	#8	-
U 68 BG					Green	#8	#8	-	#8
U 66 BB	Blue	#4	#4	#4	Blue	#6	#6	-	#6
U 41 OBR	Orange	#4	#4	#4	Brown	#10	-	#8	-
U 48 OG					Green	#8	#8	-	#8
U 46 OB					Blue	#6	#6	-	#6
U 44 OO					Orange	#4	#4	-	#4
U 21 RBR	Red	#2	#2	#2	Brown	#10	-	#8	-
U 28 RG					Green	#8	#8	-	#8
U 26 RB					Blue	#6	#6	-	#6
U 24 RO					Orange	#4	#4	-	#4
U 22 RR	Red	#2	#2	#2	Red	#2	#2	-	#2
U 101 YBR					Brown	#10	-	#8	-
U 108 YG	Yellow	1/0	1/0	1/0	Green	#8	#8	-	#8
U 106 YB					Blue	#6	#5	-	#6
U 104 YO					Orange	#4	#4	-	#4
U 102 YR					Red	#2	#2	-	#2
U 1010 YY					Yellow	1/0	1/0	-	1/0

NOTE: Sold in standard carton quantities only.



U 22 RR



U 44 OO

SERVICE ENTRANCE COMPRESSION SPLICES

Insulated Aluminum Service Entrance Compression Splices — 840 Die Series



At 5-1/2" long, these splices are ideal for heavy-duty overhead services.

Features	Benefits/Descriptions
Constructed from Aluminum	Provides high conductivity.
Solid Center Barriers and Large Chamfers	Easy cable insertion.
Tough Stabilized Nylon Sleeves	Resist installing tool pressure and provide reliable 600V insulation.
Prefilled with Oxide Inhibitor	Prevents oxidation and keeps out moisture.
All Splices Are Colour-Coded and Marked with Strip Lengths, Installation Die Codes and Compression Locations	Easy identification for easy installation.
Standards Compliant	Comply with ANSI C119.4 when properly installed on aluminum-to-aluminum or aluminum-to-copper conductors.
RUS Accepted	Approved by the Federal government for utility use.



X 1 N 204



IKL47

Insulated Aluminum Service Entrance Compression Splices – 840 Die Series


Homac® CAT. NO.	Blackburn® CAT. NO.	Conductor A					Conductor B				
		Colour	ACSR	Str.	Compr.	Compt.	Colour	ACSR	Str.	Compr.	Compt.
X 1 N 104	IKL34	Yellow	1/0	1/0	1/0	2/0	Orange	#4	#4	#4	–
X 1 N 102	IKL35						Red	#2	#1	#1	1/0
X 1 N 1010	IKL36						Yellow	1/0	1/0	1/0	2/0
X 1 N 204	IKL44	Grey	2/0	2/0	2/0	3/0	Orange	#4	–	–	–
X 1 N 202	IKL45						Red	#2	#1	#1	1/0
X 1 N 2010	IKL46						Yellow	1/0	1/0	1/0	2/0
X 1 N 2020	IKL47						Grey	2/0	2/0	2/0	3/0
X 1 N 304	IKL54	Black	3/0	3/0	3/0	4/0	Orange	#4	–	–	–
X 1 N 302	IKL55						Red	#2	#1	#1	1/0
X 1 N 3010	IKL56						Yellow	1/0	1/0	1/0	2/0
X 1 N 3020	IKL57						Grey	2/0	2/0	2/0	3/0
X 1 N 3030	IKL58						Black	3/0	3/0	3/0	4/0
X 1 N 404	IKL64	Pink	4/0	4/0	4/0	250	Orange	#4	–	–	–
X 1 N 402	IKL65						Red	#2	#1	#1	1/0
X 1 N 4010	IKL66						Yellow	1/0	1/0	1/0	2/0
X 1 N 4020	IKL67						Grey	2/0	2/0	2/0	3/0
X 1 N 4030	IKL68						Black	3/0	3/0	3/0	4/0
X 1 N 4040	IKL69						Pink	4/0	4/0	4/0	250

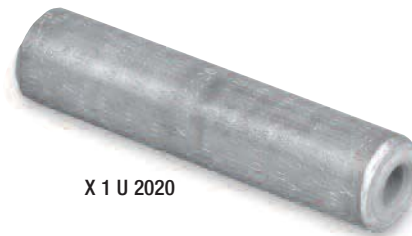
SERVICE ENTRANCE COMPRESSION SPLICES

Uninsulated Aluminum Service Entrance Compression Splices — 840 Die Series



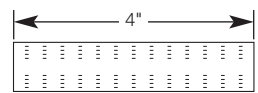
Ideal for large residential and commercial service drops.

Features	Benefits/Descriptions
Constructed from Aluminum	Provides high conductivity.
Solid Center Barriers	Enable quick wire positioning, proper distribution of inhibitor around the wire and current equalization on stranded conductors.
Prefilled with Oxide Inhibitor	Prevents oxidation and keeps out moisture.
Splices Marked with Strip Lengths, Die Codes and Compression Locations	Easy identification for easy installation.
Standards Compliant	Comply with ANSI C119.4 when properly installed on aluminum-to-aluminum or aluminum-to-copper conductors. Also tested and approved for EEI installing dies.
RUS Accepted 	Approved by the Federal government for utility use.



Uninsulated Aluminum Service Entrance Compression Splices

CAT. NO.	Conductor A					Conductor B					CAT. NO.	Conductor A					Conductor B				
	Colour	Solid		Str.	ACSR	Colour	Solid		Str.	ACSR		Colour	Solid		Str.	ACSR	Colour	Solid		Str.	ACSR
AL	CU	AL	CU			AL	CU	AL			CU	AL	CU	AL			CU	AL	CU		
X 1 U 44	Orange	#2	#2	-	#4	Orange	#2	#2	-	#4	Blue	350	-	250-266.8	266.8	Blue	350	-	250-266.8	266.8	
X 1 U 24	Red	#1	#1	#1 & #2	#2	Orange	#2	#2	-	#4						Orange	#2	#2	#3 & #4	#4	
X 1 U 22						Red	#1	#1	#1 & #2	#2											
X 1 U 104	Yellow	1/0, 2/0	-	1/0	1/0	Orange	#2	#2	-	#4						Red	#1	#1	#1 & #2	#2	
X 1 U 102						Red	#1	#1	#1 & #2	#2											
X 1 U 1010						Yellow	1/0 & 2/0	-	1/0	1/0											
X 1 U 204	Grey	3/0	-	2/0	2/0	Orange	#2	#2	-	#4		Yellow	1/0 & 2/0	-	1/0	1/0					
X 1 U 202						Red	#1	#1	#1 & #2	#2											
X 1 U 2010						Yellow	1/0 & 2/0	-	1/0	1/0											
X 1 U 2020						Grey	3/0	-	2/0	2/0											
X 1 U 304	Black	4/0	-	3/0	3/0	Orange	#2	#2	-	#4		Grey	3/0	-	2/0	2/0					
X 1 U 302						Red	#1	#1	#1 & #2	#2											
X 1 U 3010						Yellow	1/0 & 2/0	-	1/0	1/0											
X 1 U 3020						Grey	3/0	-	2/0	2/0											
X 1 U 3030	Pink	-	-	4/0	4/0	Black	4/0	-	3/0	3/0		Black	4/0	-	3/0	3/0					
X 1 U 404						Orange	#2	#2	-	#4											
X 1 U 402						Red	#1	#1	#1 & #2	#2											
X 1 U 4010						Yellow	1/0 & 2/0	-	1/0	1/0											
X 1 U 4020	Grey	3/0	-	2/0	2/0																
X 1 U 4030	Black	4/0	-	3/0	3/0																
X 1 U 4040	Pink	-	-	4/0	4/0																
X 1 U 266	Blue	350	-	250-266.8	266.8	Blue	350	-	250-266.8	266.8	Brown	397.5-400	-	300-350	336.4 (18/1)						
X 1 U 2664						Orange	#2	#2	#3 & #4	#4											
X 1 U 2662						Red	#1	#1	#1 & #2	#2											
X 1 U 26610						Yellow	1/0 & 2/0	-	1/0	1/0											
X 1 U 26620						Grey	3/0	-	2/0	2/0											
X 1 U 26630						Black	4/0	-	3/0	3/0											
X 1 U 26640						Pink	-	-	4/0	4/0											
X 1 U 336						Brown	397.5-400	-	300-350	336.4 (18/1)	Brown	397.5-400	-	300-350	336.4 (18/1)	Orange	#2	#2	#3 & #4	#4	
X 1 U 3364	Red	#1	#1	#1 & #2	#2																
X 1 U 3362	Yellow	1/0 & 2/0	-	1/0	1/0																
X 1 U 33610	Grey	3/0	-	2/0	2/0																
X 1 U 33620	Black	4/0	-	3/0	3/0																
X 1 U 33630	Black	4/0	-	3/0	3/0																
X 1 U 33640	Pink	-	-	4/0	4/0																
X 1 U 33626	Blue	350	-	250-266.8	266.8																




NOTE: When using EEI 11A die, space compressions 1/8" apart.
 When installing with UT 5 tool, use H5 (upper) and H6 (lower) dies.
 When installing with a hydraulic tool, use 76 (2) die.

Insulation-Piercing Splice and Tap Connectors

Break through and bolt down.

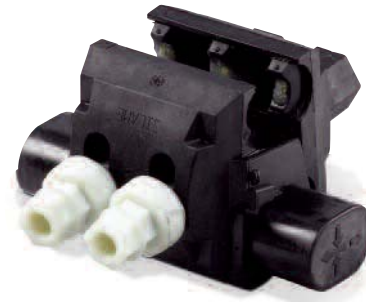


Features	Benefits/Descriptions
Constructed from Aluminum	Provides high conductivity.
Shear-Head Bolt Design	Always provides the correct torque.
Two Styles Available	Provided with either 1/2" or 5/8" bolt head sizes. Cover a wide range of aluminum or copper main and tap conductors.
Dual-Rated	Use in 90° applications with aluminum or copper conductors.
Standards Compliant 	UL Listed.

Style 1
IPST 25040



Style 2
IPST 500350



Insulation-Piercing Splice and Tap Connectors

CAT. NO.	Style	Conductor Range		Hex Bolt Size (in.)	Torque (lb.)
		Main	Tap		
IPST 102*	1	1/0-#8	#2-#10	1/2	80
IPST 1010*		1/0-#8	1/0-#8	1/2	125
IPST 2001		2/0-#4	#10-#14	1/2	80
IPST 402		4/0-#3	#2-#10	1/2	125
IPST 4020*		4/0-#2	2/0-#6	1/2	125
IPST 4040*		4/0-#2	4/0-#4	1/2	160
IPST 25040		250-#1	4/0-#4	1/2	160
IPST 75001	2	750-3/0	#10-#14	5/8	80
IPST 350350		350-1/0	350-1/0	5/8	330
IPST 50040		500-2/0	4/0-#4	5/8	330
IPST 500350		500-4/0	350-1/0	5/8	330
IPST 750500		750-250	500-250	5/8	330

* Not UL Listed. Includes blue adapter for use on bare cable.

Blackburn® WR™ Wide-Range Aluminum Tap Connectors

For combinations of aluminum-to-aluminum and aluminum-to-copper conductors.



WR189

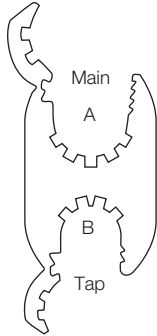
Features	Benefits/Descriptions
Made of 1350 Aluminum Alloy	Provides high strength and high conductivity.
Standard Compression Tools and Dies Install All Sizes	No special tools needed.
Field-Proven Ribbed Design	Enables excellent connector/conductor contact without distorting the conductor's shape.
Fold-In Tabs	Provide positive tab interlock as tool closes.
Prefilled with Oxide Inhibitor	Held captive in the rib/connection area to prevent oxidation.
Standards Compliant	RUS Accepted and comply with ANSI C119.4.

Blackburn® WR™ "O" and "D" Die Seven-Connector Program

CAT. NO.	Connector Number	Conductor Range										Diameter (in.)				Connector Length (in.)
		Standard Conductor						Compact Conductor				Main		Tap		
		Main			Tap			Main		Tap		Max.	Min.	Max.	Min.	
		ACSR	Str.	Sol.	ACSR	Str.	Sol.	ACSR	Str.	ACSR	Str.					
WR159	1	#2, #4, #6	#1, #2, #3, #4, #6	#2, #4, #6	#2, #4, #6	#1, #2, #3, #4, #6	#2, #4, #6	#1, #2, #4, #6	#1, #2, #3, #4, #6	#1, #2, #4, #6	#1, #2, #3, #4, #6	0.332	0.162	0.332	0.162	1-7/16
WR189	2	1/0, #1, #2	2/0, 1/0, #1, #2	3/0, 2/0, 1/0, #1	#2, #4, #6	#1, #2, #3, #4, #6	1/0, #1, #2, #4, #6	2/0, 1/0, #1, #2	2/0, 1/0, #1, #2	#1, #2, #4, #6	#1, #2, #3, #4, #6	0.419	0.266	0.332	0.162	1-11/16
WR289	3	2/0, 1/0	3/0, 2/0	4/0, 3/0	#2, #4, #6	#1, #2, #3, #4, #6	1/0, #1, #2, #4, #6	2/0, 1/0, #1, #2	2/0, 1/0, #1, #2	#1, #2, #4, #6	#1, #2, #3, #4, #6	0.470	0.398	0.332	0.162	1-13/16
WR279	4	2/0, 1/0, #1	3/0, 2/0, 1/0	-	2/0, 1/0, #1	3/0, 2/0, 1/0	-	3/0, 2/0, 1/0	3/0, 2/0, 1/0	3/0, 2/0, 1/0	3/0, 2/0, 1/0	0.470	0.336	0.470	0.336	1-13/16
WR379	5	4/0, 3/0	4/0	-	#2, #4, #6	#1, #2, #3, #4, #6	1/0, #1, #2, #4, #6	266 (18/1), 250, 4/0	266, 250, 4/0	#1, #2, #4, #6	#1, #2, #3, #4, #6	0.563	0.475	0.332	0.162	1-13/16
WR399	6	4/0, 3/0	4/0, 3/0	-	2/0, 1/0, #1	2/0, 1/0	3/0, 2/0	266 (18/1), 4/0, 3/0	266, 250, 4/0	2/0, 1/0	3/0, 2/0, 1/0	0.563	0.461	0.447	0.338	2-3/16
WR419	7	4/0, 3/0	4/0, 3/0	-	4/0, 3/0	4/0, 3/0	-	266 (18/1), 4/0, 3/0	266, 250, 4/0	266 (18/1), 4/0, 3/0	266, 250, 4/0	0.563	0.461	0.563	0.461	2-7/16

NOTE: WR149–WR1010 use "O" connector die; all others use "D" connector die.
 WR1010 and WR299 use 4 indents with a mechanical tool; all others use 5 indents.
 All die connectors use 2 indents with a hydraulic tool.

TAP CONNECTORS



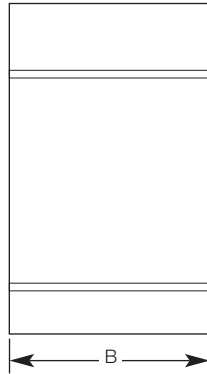
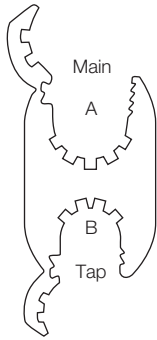
WR259

Blackburn® WR™ Supplemental "O" and "D" Die Connectors

CAT. NO.	Conductor Range										Diameter (in.)				Connector Length (in.)
	Standard Conductor						Compact Conductor				Main		Tap		
	Main			Tap			Main		Tap		Max.	Min.	Max.	Min.	
	ACSR	Str.	Sol.	ACSR	Str.	Sol.	ACSR	Str.	ACSR	Str.					
WR149	#4, #6	#3, #4, #6	#2, #3, #4, #6	#4, #6	#3, #4, #6	#2, #3, #4, #6	#4, #6	#2, #3, #4, #6	#3, #4, #6	#2, #3, #4, #6	0.266	0.162	0.266	0.162	1-1/2
WR179	1/0, #1, #2, #3	1/0, #1, #2	#1	#4, #6	#3, #4, #6	#2, #3, #4, #6	1/0, #1, #2	2/0, 1/0, #1, #2	#4, #6	#2, #3, #4, #6	0.398	0.266	0.266	0.162	1-3/4
WR199	1/0, #1, #2, #3	1/0, #1, #2	#1	#2, #3, #4	#1, #2, #3, #4	#1, #2	1/0, #1, #2	2/0, 1/0, #1, #2	#1, #2, #3, #4	#1, #2	0.398	0.266	0.332	0.232	1-3/4
WR1010	1/0, #1, #2, #3, #4	2/0, 1/0, #1, #2, #3, #4	1/0, #1, #2	1/0, #1, #2, #3, #4	2/0, 1/0, #1, #2, #3, #4	1/0, #1, #2	2/0, 1/0, #1, #2, #3, #4	2/0, 1/0, #1, #2	2/0, 1/0, #1, #2, #3, #4	2/0, 1/0, #1, #2	0.419	0.232	0.419	0.232	1-3/4
WR259	1/0, #1	2/0, 1/0	-	1/0, #1	2/0, 1/0	-	2/0, 1/0	2/0, 1/0	2/0, 1/0	2/0, 1/0	0.419	0.326	0.412	0.292	1-7/8
WR299	2/0, 1/0	3/0, 2/0	-	#4, #6	#3, #4, #6	#2, #3, #4, #6	3/0, 2/0	3/0	#4, #6	#2, #3, #4, #6	0.470	0.398	0.266	0.162	1-1/2
WR219	1/0, #1	1/0, #1	-	1/0, #1, #2	1/0, #1	-	1/0	2/0, 1/0	1/0	2/0, 1/0	0.398	0.324	0.398	0.316	1-7/8
WR239	2/0, 1/0	2/0, 1/0	-	#2, #3, #4	#1, #2, #3	#1, #2	2/0, 1/0	4/0, 3/0	#1, #2, #3, #4	#1, #2	0.447	0.365	0.332	0.236	1-7/8
WR229	2/0	3/0, 2/0	-	1/0, #1, #2	1/0, #1	-	3/0, 2/0	3/0	1/0, #1	2/0, 1/0	0.470	0.410	0.398	0.316	1-7/8
WR269	2/0	2/0	-	2/0, 1/0	2/0, 1/0	-	2/0	3/0	2/0, 1/0	3/0, 2/0, 1/0	0.447	0.410	0.447	0.336	1-7/8

NOTE: WR149–WR1010 use "O" connector die; all others use "D" connector die.
 WR1010 and WR299 use 4 indents with a mechanical tool; all others use 5 indents.
 All die connectors use 2 indents with a hydraulic tool.

TAP CONNECTORS



WR Connector

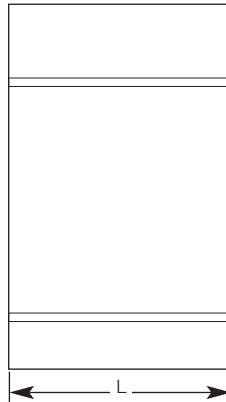
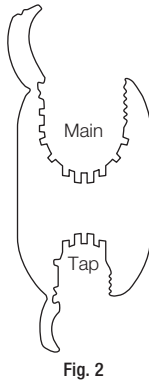
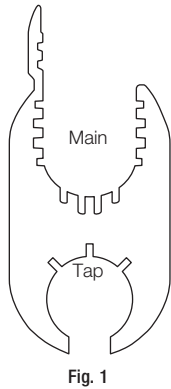
Blackburn® WR™ Supplemental "D" Connectors

CAT. NO.	Conductor Range										Diameter (in.)				Connector Length (in.)
	Standard Conductor*						Compact Conductor				Main		Tap		
	Main			Tap			Main		Tap		Max.	Min.	Max.	Min.	
	ACSR	Str.	Sol.	ACSR	Str.	Sol.	ACSR	Str.	ACSR	Str.	Max.	Min.	Max.	Min.	
WR319	3/0	3/0	—	#2, #3, #4	#1, #2, #3, #4	#1, #2	3/0	4/0	#1, #2, #3, #4	#1, #2	0.502	0.461	0.332	0.299	1-7/8
WR339	3/0	3/0	—	2/0, 1/0, #1	2/0, 1/0	—	3/0	4/0	2/0, 1/0	3/0, 2/0, 1/0	0.502	0.461	0.447	0.336	2-1/8
WR359	4/0, 3/0	4/0, 3/0	—	#4, #6	#3, #4, #6	#2, #3, #4, #6	266, 4/0, 3/0	266, 250, 4/0	1/0, #1, #2	1/0, #1, #2	0.563	0.461	0.266	0.162	1-7/8
WR369	4/0, 3/0	4/0, 3/0	—	#1, #2, #3, #4	1/0, #1, #2, #3	#1	266, 4/0, 3/0	266, 250, 4/0	1/0, #1, #2	1/0, #1, #2	0.563	0.461	0.374	0.266	1-7/8
WR369†	4/0, 3/0, 2/0	4/0, 3/0	—	1/0, #1, #2, #3, #4	1/0, #1, #2, #3, #4	1/0, #1, #2	266, 4/0, 3/0	266, 250, 4/0, 3/0	1/0, #1, #2, #3, #4	1/0, #1, #2	0.563	0.423	0.373	0.232	1-7/8
WR389	4/0, 3/0	4/0, 3/0	—	2/0, 1/0	3/0, 2/0	—	266, 4/0, 3/0	266, 250, 4/0	3/0, 2/0	3/0, 2/0	0.563	0.461	0.470	0.376	2-3/16
WR389†	4/0, 3/0, 2/0	4/0, 3/0	—	2/0, 1/0, #1	3/0, 2/0, 1/0	—	266, 4/0, 3/0	266, 250, 4/0	3/0, 2/0, 1/0	3/0, 2/0, 1/0	0.563	0.423	0.470	0.336	2-3/16

* Will accept conductors of the same wire sizes with a 3% reduction of diameter (compressed).
† Conductor range possible only when crimped with a hydraulic tool.

NOTE: WR359 and WR369 use 4 indents with a mechanical tool; WR319 uses 5 indents with a mechanical tool; WR339 and WR389 use 6 indents with a mechanical tool.
WR369 can also use 5 indents with a mechanical tool.
All die connectors use 2 indents with a hydraulic tool.

TAP CONNECTORS



WR715

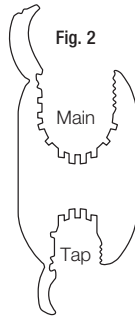
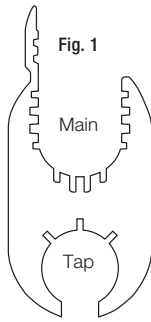
Blackburn® WR™ Wide Range "N" Die Tap Connectors

CAT. NO.	Conductor Range								Diameter (in.)				Connector Length (in.)	
	Standard Conductor*				Compact Conductor				Main		Tap			
	Main		Tap		Main		Tap		Max.	Min.	Max.	Min.		
	ACSR	Str.	ACSR	Str.	Sol.	ACSR	Str.	ACSR	Str.					
WR715	397 (18/1), 336, 266	400, 397, 350, 336, 300, 266, 250	2/0, 1/0, #1, #2, #3, #4, #6	2/0, 1/0, #1, #2, #3, #4, #6	3/0, 2/0, 1/0, #1, #2, #3, #4, #6	477, 397, 336	500, 477, 397, 350	2/0, 1/0, #1, #2, #3, #4, #6	3/0, 2/0, 1/0, #1, #2, #3, #4, #6	0.753	0.502	0.447	0.162	2
WR775	397 (18/1), 336, 266, 4/0	400, 397, 350, 336, 300, 266, 250, 4/0	397 (18/1), 336, 266, 4/0	400, 397, 350, 336, 300, 266, 250, 4/0	-	477, 397, 336, 266	500, 477, 397, 350, 336, 300, 266, 250	477, 397, 336, 266	500, 477, 397, 336, 300, 266, 250	0.743	0.502	0.743	0.520	3
WR815	477 (18/1), 397, 336, 266, 4/0	556, 500, 400, 397, 350, 336, 300, 266, 250	2/0, 1/0, #1, #2, #3, #4, #6	2/0, 1/0, #1, #2, #3, #4, #6	3/0, 2/0, 1/0, #1, #2, #3, #4, #6	556, 477, 397, 336, 266	556, 477, 397, 336, 266, 250	2/0, 1/0, #1, #2, #3, #4, #6	3/0, 2/0, 1/0, #1, #2, #3, #4, #6	0.858	0.502	0.447	0.162	2
WR835	477 (18/1), 397, 336, 266, 4/0	556, 500, 400, 397, 350, 336, 300, 266, 250	4/0, 3/0, 2/0, 1/0	4/0, 3/0, 2/0, 1/0	4/0, 3/0, 2/0	556, 477, 397, 336, 266	556, 477, 397, 350, 336, 300, 266, 250	266, 4/0, 3/0, 2/0	250, 4/0, 3/0	0.858	0.502	0.563	0.368	2
WR875†	477 (18/1), 397, 336, 266, 4/0	556, 500, 400, 397, 350, 336, 300, 266, 250	477 (18/1), 266	350, 336, 300, 266, 250	397, 366	556, 477, 397, 336, 266	556, 477, 397, 350, 336, 300, 336, 300	397, 336, 266	400, 397, 350, 336, 300, 266, 250	0.858	0.502	0.684	0.520	3
WR885	477 (18/1), 397, 336, 266, 4/0	500, 400, 397, 350, 336, 300, 266, 250, 4/0	477 (18/1), 397, 336, 266, 4/0	500, 400, 397, 350, 336, 300, 266, 250, 4/0	-	556, 477, 397, 336, 266	556, 477, 397, 350, 336, 300, 266, 250	556, 477, 397, 336, 266	556, 477, 397, 350, 336, 300, 266, 250	0.814	0.502	0.814	0.520	3

* Will accept conductors of the same wire sizes with a 3% reduction of diameter (compressed).
† See Figure 2.

NOTE: All die connectors can be used with Blackburn JB12A, JB12B, 12A and Y-35 tools.
All die connectors are for use with hydraulic tools, 12-ton and greater.
WR715, WR815 and WR835 use 2 indents with a hydraulic tool; all others use 3 indents.

TAP CONNECTORS



WR699

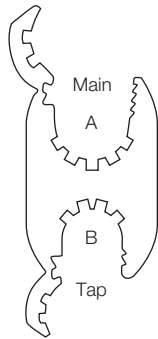
Blackburn® WR™ Wide Range "N" Die Tap Connectors

CAT. NO.	Conductor Range										Diameter (in.)				Connector Length (in.)
	Standard Conductor*					Compact Conductor					Main		Tap		
	Main		Tap			Main		Tap			Max.	Min.	Max.	Min.	
	ACSR	Str.	ACSR	Str.	Sol.	ACSR	Str.	ACSR	Str.						
WR699	397 (18/1), 336, 266	400, 397, 350, 336, 300, 266, 250	#4, #6	#3, #4, #6	#2, #3, #4, #6	477, 397, 336	477, 397, 350, 336, 300	#4, #6	#2, #3, #4, #6	0.743	0.570	0.266	0.162	2	
WR719	397 (18/1), 336, 266	400, 397, 350, 336, 300, 266, 250	2/0, 1/0, #1, #2, #3	2/0, 1/0, #1, #2	3/0, 2/0, 1/0, #1	477, 397, 336	477, 397, 350, 336, 300	2/0, 1/0, #1, #2	3/0, 2/0, 1/0, #1	0.743	0.570	0.447	0.289	2	
WR739	397 (18/1), 336, 266	400, 397, 350, 336, 300, 266, 250	4/0, 3/0, 2/0, 1/0	4/0, 3/0, 2/0	4/0	477, 397, 336	477, 397, 350, 336, 300	266, 4/0, 3/0	266, 250, 4/0	0.743	0.570	0.563	0.398	2	
WR779	397 (18/1), 336, 266	400, 397, 350, 336, 300, 266, 250	397 (18/1), 336, 266	400, 397, 350, 336, 266, 250	477, 397	477, 397, 336	477, 397, 350, 336, 300	477, 397, 336	477, 397, 336	0.743	0.570	0.743	0.570	3	
WR799	477 (18/1), 266	500, 250	#4, #6	#3, #4, #6	#2, #3, #4, #6	477 (18/1), 266	500, 250	#3, #4, #6	#2, #3, #4, #6	0.814	0.575	0.270	0.160	2	
WR819	477 (18/1), 397, 336	556, 500, 477, 450, 400, 397, 350, 336	2/0, 1/0, #1, #2, #3	2/0, 1/0, #1, #2	3/0, 2/0, 1/0, #1	556, 477, 397	556, 477, 397	2/0, 1/0, #1, #2	3/0, 2/0, 1/0, #1	0.858	0.659	0.477	0.289	2	
WR839	477 (18/1), 397, 336	556, 500, 477, 450, 400, 397, 350, 336	4/0, 3/0, 2/0	4/0, 3/0	4/0	556, 477, 397	556, 477, 397	266, 4/0, 3/0	266, 4/0, 3/0	0.858	0.659	0.563	0.477	2	
WR879†	477 (18/1), 397, 336	556, 500, 477, 450, 400, 397, 350, 336	336 (18/1), 266	350, 336, 300, 266	397	556, 477, 397	556, 477, 397	397, 336	397, 350, 336	0.858	0.659	0.684	0.593	3	
WR889	477 (18/1), 397, 336	500, 400, 397, 350	477 (18/1), 397, 336, 266	500, 400, 397, 350, 336	-	556, 477, 397, 336	556, 477, 397, 350	556, 477, 397, 336	556, 477, 397, 350	0.814	0.666	0.814	0.666	3	

* Will accept conductors of the same wire sizes with a 3% reduction of diameter (compressed).
† See Figure 2.

NOTE: All die connectors can be used with Blackburn JB12A, JB12B, WH2, PH2, 12A and Y-35 tools.
All die connectors are for use with hydraulic tools, 10-ton and greater.
WR779, WR879 and WR889 use 3 indents with a hydraulic tool; all others use 2 indents.

TAP CONNECTORS



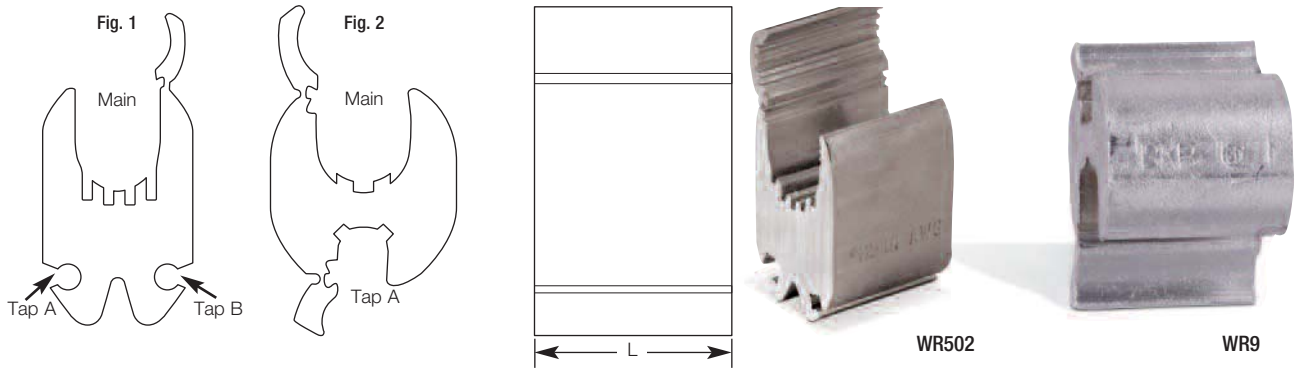
WR909

Blackburn® WR™ Wide Range "R" Die Tap Connectors

CAT. NO.	Conductor Range								Diameter (in.)				Connector Length (in.)
	Standard Conductor				Compact Conductor				Main		Tap		
	Main		Tap		Main		Tap		Max.	Min.	Max.	Min.	
	ACSR	Str.	ACSR	Str.	ACSR	Str.	ACSR	Str.					
WR909	556 (18/1), 477, 397, 336, 300	600, 556, 550, 500, 477, 450, 397, 350, 336	336 (18/1), 266, 4/0, 3/0, 2/0, 1/0	350, 336, 266, 250, 4/0, 3/0, 2/0	636, 556, 477, 397	700, 636, 556, 500, 477, 450	397 (1/2), 336, 266, 4/0, 3/0, 2/0	397, 350, 336, 300, 266, 250, 4/0, 3/0	0.893	0.666	0.684	0.398	4-3/4
WR929	556 (18/1), 477, 397, 336, 300	600, 556, 550, 500, 477, 450, 397, 350, 336	556 (18/1), 477, 397, 336, 300	600, 556, 550, 400, 477, 450, 397, 350, 336	636, 556, 477, 397	700, 636, 556, 500, 477, 450	636, 556, 477, 397	700, 636, 556, 477, 450	0.893	0.666	0.893	0.666	4-3/4
WR949	795 (26/7), 715, 666, 636, 605, 556, 477 (30/7)	900, 874, 800, 795, 750, 715, 700, 636, 600	336 (18/1), 266, 4/0, 3/0, 2/0, 1/0	350, 336, 266, 250, 4/0, 3/0, 2/0	954, 874, 795	1000, 954, 874, 795, 750	397 (18/1), 336, 266, 4/0, 3/0, 2/0	397, 350, 336, 300, 266, 250, 4/0, 3/0	1.108	0.883	0.684	0.398	4-3/4
WR969	795 (26/7), 715, 666, 636, 605, 556, 477 (30/7)	900, 874, 800, 795, 750, 715, 700, 636, 600	556 (18/1), 477, 397, 336, 300	600, 556, 550, 500, 477, 450, 397, 350, 336, 400	954, 874, 795	1000, 954, 874, 795	636, 556, 477, 397	700, 636, 556, 477, 450	1.108	0.883	0.893	0.666	4-3/4
WR989	795 (26/7), 715, 666, 636, 605, 556, 477 (30/7)	900, 874, 800, 795, 750, 715, 700, 636, 600	795 (26/7), 715, 666, 636, 605, 556, 477 (30/7)	900, 874, 800, 795, 750, 715, 700, 636, 600	954, 874, 795	1000, 954, 874, 795, 750	954, 874, 795	1000, 954, 874, 795, 750	1.108	0.883	1.108	0.883	4-3/4
WR999	954 (45/7), 900, 874, 795, 715, 666	1033, 1000, 900, 800, 795, 750	954 (45/7), 900, 874, 795, 750, 666	1033, 1000, 900, 800, 795, 750	954, 900	1000, 900	954, 900, 874	1000, 900	1.172	0.997	1.172	0.994	4-3/4

NOTE: All die connectors can be used with Blackburn JB60A, JB60B, Y60, 60A and PH-3 tools.
All die connectors use 4 indents with a mechanical tool.

TAP & COMPRESSION CONNECTORS



Blackburn® WR™ Street Lighting Compression Connectors

CAT. NO.	Figure No.	Conductor Range												Connector Length (in.)	
		Standard Conductor*						Diameter (in.)							
		Main			Tap A		Tap B		Main		Tap A		Tap B		
ACSR	Str.	Sol.	Str.	Sol.	Str.	Sol.	Max.	Min.	Max.	Min.	Max.	Min.			
WR9	2	#3, #4, #6	#2, #3, #4, #6	#1, #2, #3, #4	#8, #10, #12, #14	#8, #10, #12, #14	-	-	0.292	0.184	0.146	0.064	-	-	13/16
WR139	1	1/0, #1, #2, #3, #4	2/0, 1/0, #1, #2, #3	#1, #2	#8, #10	#6, #8, #10	#12, #14	#12, #14	0.419	0.250	0.162	0.100	0.092	0.064	1-1/2
WR502	1	4/0, 3/0	4/0, 3/0	-	#8, #10	#6, #8, #10	#12, #14	#12, #14	0.563	0.461	0.162	0.100	0.092	0.064	1-1/2
WR502†	1	4/0, 3/0, 2/0, 1/0	4/0, 3/0, 2/0, 1/0	-	#8, #10	#6, #8, #10	#12, #14	#12, #14	0.563	0.365	0.162	0.100	0.092	0.064	1-1/2

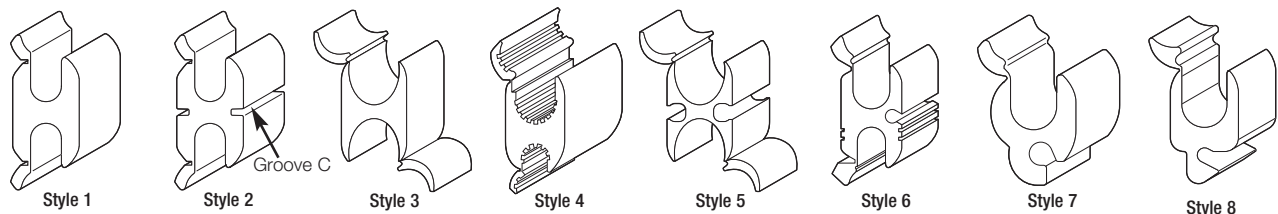
* Will accept conductors of the same wire size with a 3% reduction of diameter (compressed).
 † This range is possible only when crimped with a hydraulic tool.

NOTE: WR9 uses a 5/8" BG connector die; WR139 uses an "O" connector die; WR502 uses a "D" connector die.
 WR9 uses 3 indents with a mechanical tool; all others use 4 indents.
 WR139 and WR502 use 2 indents with a hydraulic tool.

Aluminum H-Type Compression Connectors

Deadend aluminum, ACSR or aluminum-alloy conductors.

Features	Benefits/Descriptions
Prefilled with Oxide Inhibitor	Prevents oxidation and keeps out moisture.
Connectors Fully Marked with Installation and Compression Location Information	Easy identification for easy installation.
Standards Compliant	Comply with ANSI C119.4 when properly installed on aluminum-to-aluminum or aluminum-to-copper conductors.
RUS Accepted	Approved by the Federal government for utility use.



COMPRESSION CONNECTORS

Aluminum H-Type Compression Connectors

CAT. NO.	Style	Standard Conductor/ACSR/AAC											L	Die	Tap CVR.
		Main Groove, "A" Range				Tap Groove, "B" Range				Side Groove, "C" Range					
		Groove "A" Decimal Range	ACSR	Str.	Sol.	Groove "B" Decimal Range	ACSR	Str.	Sol.	Groove "C" Decimal Range	Str.	Sol.			
UB 214	7	0.325-0.162	#2 (7/1)-#6 (6/1)	#2(7)-#6(7)	#1-#6	0.146-0.064	-	#8-#14	#7-#14	-	-	-	3/4	5/8 or BG	
OB 2014	8	0.447-0.292	2/0 (6/1)-#2 (6/1)	2/0(19)-#2(7)	-	0.146-0.064	-	#8-#14	#7-#14	-	-	-	3/4	0	
OB 44	4	0.332-0.162	#2 (7/1)-#6 (6/1)	#1(19)-#6(7)	#2-#6	0.332-0.162	#2 (7/1)-#6 (6/1)	#1(19)-#6(7)	#2-#6	-	-	-	1-3/8	0	
OB1													1-1/2		
OB 22	6	0.325-0.162	#2 (7/1)-#6 (6/1)	#2(7)-#6(7)	#2-#6	0.325-0.162	#2 (7/1)-#6 (6/1)	#2(7)-#6(7)	#2-#6	0.148-0.062	#8-#14	8-#14	1-1/2	0	CO 20 B
OB 101	4	0.419-0.258	1/0 (6/1)-#2 (6/1)	2/0(19)-#2(7)	#2	0.332-0.162	#2 (7/1)-#6 (6/1)	#1(19)-#6(7)	#2-#6	-	-	-	1-3/8	0	
OB 2													1-3/4	0	
OB 103	1	0.398-0.162	1/0 (6/1)-#6 (6/1)	1/0(19)-#6(7)	#2-#6	0.332-0.162	#2 (7/1)-#6 (6/1)	#1(19)-#6(7)	#2-#6	-	-	-	1-1/2	0	
OB 1010	1	0.419-0.232	1/0 (6/1)-#4 (6/1)	2/0(19)-#4(7)	#2	0.419-0.232	1/0 (6/1)-#4 (6/1)	2/0(19)-#4(7)	#2	-	-	-	1-1/2	0	
DB 202	4	0.464-0.354	2/0 (6/1)-#1 (6/1)	3/0(7)-1/0(7)	-	0.332-0.162	#2 (7/1)-#6 (6/1)	#1(19)-#6(7)	#2-#6	-	-	-	1-1/2	D or D3	
DB 3													1-7/8		
DB 2020	2	0.464-0.354	2/0 (6/1)-#1 (6/1)	3/0(7)-1/0(7)	-	0.464-0.354	2/0 (6/1)-#1 (6/1)	3/0(7)-1/0(7)	-	-	-	-	1-7/8	D or D3	
DB 404	4	0.563-0.464	4/0 (6/1)-3/0 (6/1)	3/0(7)-4/0(19)	-	0.332-0.162	#2 (7/1)-#6 (6/1)	#1(19)-#6(7)	#2-#6	-	-	-	1-3/8	D or D3	
DB5													1-7/8		
DB 4020	1	0.563-0.464	4/0 (6/1)-3/0 (6/1)	3/0(7)-4/0(19)	-	0.470-0.316	2/0 (6/1)-#2 (6/1)	3/0(19)-#1(7)	-	-	-	-	1-7/8	D or D3	
DB 6													2-1/2		
DB 4040	1	0.563-0.464	4/0 (6/1)-3/0 (6/1)	3/0(7)-4/0(19)	-	0.563-0.464	4/0 (6/1)-3/0 (6/1)	4/0(19)-3/0(7)	-	-	-	-	2-3/16	D or D3	
DB 7													2-1/2		
NB 500	3	0.814-0.522	477 (18/1)-4/0 (6/1)	500(37)-4/0(7)	-	0.814-0.522	477 (18/1)-4/0 (6/1)	500(37)-4/0(7)	-	-	-	-	3-3/4	N	
NB 50040	4	0.858-0.528	477 (26/7)-4/0 (6/1)	556.5(37)-4/0(19)	-	0.556-0.368	4/0 (6/1)-1/0 (18/1)	4/0(19)-1/0(7)	3/0-4/0	-	-	-	2	N	NC 600 B
NB 60020	3	0.915-0.575	556.5 (24/7)-266.8 (18/1)	600(61)-250(37)	-	0.419-0.162	1/0 (6/1)-#6 (6/1)	2/0(19)-#6(7)	2/0-#6	-	-	-	2-1/8	N	
ZB 954	3	1.196-0.586	954 (54/7)-266.8 (18/1)	1000(61)-266.8(7)	-	1.196-0.568	954 (54/7)-266.8 (18/1)	1000(61)-266.8(7)	-	-	-	-	6	Z or R	-
ZB 95440	5	1.140-0.586	795 (30/19)-266.8 (18/1)	750(61)-266.8(7)	-	0.741-0.522	336.4 (30/7)-4/0 (6/1)	350(37)-4/0(7)	-	0.292-0.162	#2-#6	#2-#6	3	Z or R	-
ZB 95410	5	1.140-0.586	795 (30/19)-266.8 (18/1)	750(61)-266.8(7)	-	0.563-0.368	4/0 (6/1)-1/0 (6/1)	4/0(19)-1/0(7)	-	0.292-0.162	#2-#6	#2-#6	3	Z or R	-

NOTE: For connector covers, see next page.
 Install with hydraulic tools only.
 Use UT 5 tool with "O" and "D" connector dies; use UT 15 tool with "O," "D," "N" or "Z" connector dies.
 For more information, please consult your Thomas & Betts representative.
 For Kearney, use "O" and "D" connector dies with mechanical or hydraulic tools.
 For Burndy®, use "O" and "D-3" connector dies with mechanical or hydraulic tools; use "N," "Z" or "R" connector dies with hydraulic tools.

H-Type Connector Covers

Secure double-locking latches provide a close-fitting top and bottom seal.

Features	Benefits/Descriptions
Thin Strips of the “Grass Skirt” Mold around the Conductors	Provide a highly reliable end enclosure.
Tapered Drains in Both Cover Halves	Prevent accumulation of water within the cover, regardless of which half of the cover is down.
Made from Black Polypropylene	Resists the elements, UV sun rays and common contaminants.

H-Type Connector Covers			
CAT. NO.	H (in.)	L (in.)	W (in.)
CO 20 B	2-1/4	4-1/2	1-5/8
CD 40 B	2-3/8	5-5/8	1-3/4
CN 600 B	2-15/16	6-7/8	2-1/2

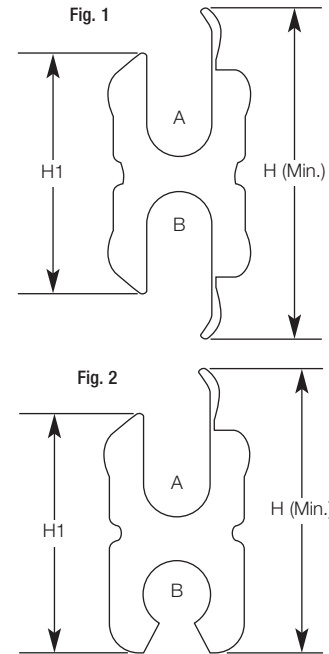


COMPRESSION CONNECTORS

Blackburn® Copper H-Type Compression Connectors

Their Efficient design allows for lower crimping force.

Features	Benefits/Descriptions
Made of Pure Electrolytic Copper	Provides high conductivity.
Full-Length Tab	Makes installation easy.
Standard Compression Tools and Dies	No special tools needed.
Standards Compliant	RUS Accepted.



Blackburn® Copper H-Type Compression Connectors

CAT. NO.	Fig. No.	Conductor Range								Dimensional Information			Installation Information						
		Standard Conductor*				Diameter (in.)*				H (Min.)	H 1	Connector Length (in.)	Mechanical Tools†			Hydraulic Tools‡			
		Main Sol.	Main Str.	Tap Sol.	Tap Str.	Main Max.	Main Min.	Tap Max.	Tap Min.				OD 58	Type 0	MD Series	JB12A JB12B	H Series	Y-35	TBM15/Y42/Y46
CF44-1	1	#4, #6	#6	#4, #6, #8	#6	0.204	0.162	0.204	0.128	0.971	0.729	13/16	B, T, 5/8	B, T, 5/8	W-KB, W-BG	BKT	B	BKT, U-BG	BKT, U-B
CFS44-1	2	#4, #6	#6	#4, #6, #8	#8	0.204	0.162	0.204	0.128	0.864	0.743	13/16	B, T, 5/8	B, T, 5/8	W-KB, W-BG	BKT	BKT	BKT, U-BG	BKT, U-BG
CF22-1	1	#2, #4	#4	#2, #4	#4	0.258	0.204	0.258	0.204	1.162	0.813	13/16	K	K	W-KK	-	-	-	BKT
CFS22-1	2	#2, #4	#4	#2, #6	#6	0.258	0.204	0.258	0.162	1.017	0.842	13/16	K	K	W-KK	W-KK	BKT	BKT	BKT
CF102-1	1	-	1/0, #1, #2	#2, #4, #6	#4	0.373	0.292	0.258	0.162	1.54	1.1	27/32	-	-	-	0	0	0	0
CF1010-1	1	-	1/0, #1, #2	-	1/0, #1, #2	0.373	0.292	0.373	0.292	1.61	1.05	27/32	-	-	-	0	0	0	0
CF202-1	1	-	2/0, 1/0	-	2/0, 1/0, #1, #2	0.419	0.368	0.258	0.204	1.67	1.269	7/8	-	-	-	K-C	C	K-C	K-C
CF2020-1	1	-	2/0, 1/0	-	2/0, 1/0, #1, #2	0.419	0.368	0.414	0.292	1.74	1.22	7/8	-	-	-	K-C	C	K-C	K-C
CF402-1	1	-	4/0, 3/0, 2/0	#2, #4	#4	0.528	0.414	0.258	0.204	1.983	1.423	7/8	-	-	-	D∞	D∞	D∞	D∞
CF4010-1	1	-	4/0, 3/0, 2/0	-	1/0, #1, #2	0.528	0.414	0.373	0.292	1.992	1.423	1-1/8	-	-	-	D∞	D∞	D∞	D∞
CF4040-1	1	-	4/0, 3/0, 2/0	-	4/0, 3/0, 2/0	0.528	0.414	0.528	0.414	2.252	1.483	1-1/8	-	-	-	D∞	D∞	D∞	D∞

* Decimal dimensions are for conventional conductor, not Copperweld® or Alumoweld®.
 † Use 3 indents with mechanical tools and 1 indent with hydraulic tools. At 15 ton/head, use appropriate die adapters.
 ∞ Blackburn "D" dies.

Blackburn® WRQ and WRS Stirrup Connectors

Protect main conductors from arcing damage.



WRQ



WRS

Features	Benefits/Descriptions
Guard Main Conductors against Arcs	Perfect for when hot line taps are installed.
Utilize Standard WR Connectors and Plated Copper Bails	High conductivity and corrosion resistance.

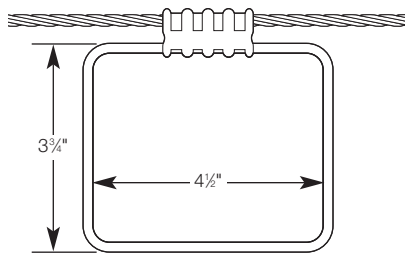


Fig. 1

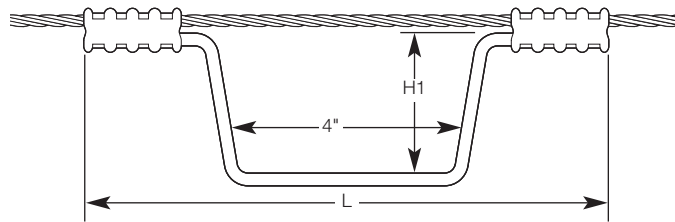


Fig. 2

Blackburn® WRQ and WRS Stirrup Connectors

Figure 1 CAT. NO.	Figure 2 CAT. NO.	Conductor Range				Copper Bail	Installation Dies		Dimensions Type WRS	
		ACSR	AWG	Diameter (in.)*			Mech.	Hyd.	L	H1
				Max.	Min.					
WRQ154	WRS154	#2-#6	#1 str.-#6 sol.	0.332	0.162	#4 sol.	0	0	10	7/8
WRQ152	WRS152	#2-#6	#1 str.-#6 sol.	0.332	0.162	#2 sol.	0	0	10	7/8
WRQ172	WRS172	1/0-#3	1/0 str.-1 sol.	0.398	0.281	#2 sol.	0	0	10	7/8
WRQ232	WRS232	2/0-1/0	2/0 str.-1/0 str.	0.447	0.368	#2 sol.	D	D	10	7/8
WRQ352	WRS352	4/0-3/0	4/0 str.-3/0 str.	0.563	0.460	#2 sol.	D	D	10	7/8
-	WRS719	397 (18/1)-266	400 str.-250 str.	0.743	0.600	2/0 sol.	-	N	12-1/4	3-3/16
-	WRS819	477 (26/7)-266	500 str.-336 str.	0.858	0.666	2/0 sol.	-	N	12-1/4	3-3/16
WRQ698	-	477 (26/7)-266	500 str.-250 str.	0.858	0.574	#2 sol.	-	N	12-1/4	3-3/16

* Decimal dimensions are for conventional conductor, not Copperweld® or Alumoweld®.

STIRRUP CONNECTORS

Blackburn® SC and QC Stirrup Connectors

Aluminum conductor elements are designed to be preloaded for faster installation into hotstick tools.



Features	Benefits/Descriptions
Use Standard "O," "D" and "N" Dies	No special compression tools needed.
Prefilled with Oxide Inhibitor	Prevents oxidation and keeps out moisture.
Bail Made of Tin-Plated Copper Wire	High conductivity and corrosion resistance.
Wide Range of Stirrups	Fit #6 solid to 500 kcmil wire sizes.
Knurled Design	Resists rotation.

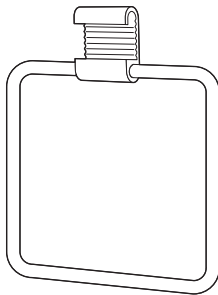


Fig. 1

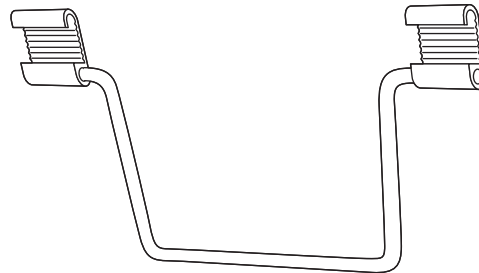


Fig. 2

Blackburn® SC and QC Stirrup Connectors

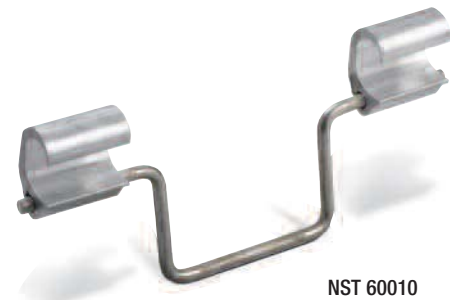
Figure 1 CAT. NO.	Figure 2 CAT. NO.	Conductor Range				Bail (Tin-Plated)		Installation Dies		Dimensions	
		ACSR	AWG	Diameter (in.)*		Size	Dia. (mm)	Mech.	Hyd.	L	H1
				in.	mm						
QC002	SC002	#2-#6	#2 str.-#6 sol.	0.325-0.162	8.25-4.12	#2 sol.	6.35	O	O	8-3/4	3-1/8
QC021	SC021	2/0-#2	2/0 str.-#2 sol.	0.414-0.292	10.51-7.41	#2 sol.	6.35	O	O	8-3/4	3-1/8
QCD41	SCD41	4/0-3/0	4/0 str.-3/0 sol.	0.563-0.464	14.29-10.51	#2 sol.	6.35	D	-	8-3/4	3-1/8
QC50	SCN50	477 (18/1)-4/0	500-4/0 str.	0.814-0.528	20.66-13.40	1/0 sol.	6.22	-	N	11	3-11/16

Anti-Rotational Hot Line Stirrups

Protect conductors from arc and mechanical damage where hot line clamps are used.

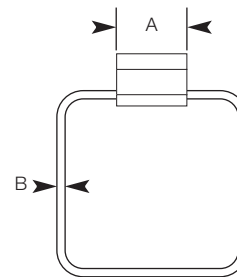
For aluminum, AAAC and ACSR conductors. These stirrups can be pre-loaded into a hotstick installing tool, hooked over the line and compressed.

Features	Benefits/Descriptions
Connector Is Made from Aluminum, and Factory-Installed Bail Is Tin-Plated Solid Copper	Provides high conductivity.
Diamond Knurling at Tap Connections and in the Hot Line Clamping Area	Improve both mechanical and electrical performance.
Connectors Prefilled with Oxide Inhibitor	Prevents oxidation and keeps out moisture.
All Connectors Marked with Wire Size, Installation Die Codes and Compression Locations	Easy identification for easy installation.



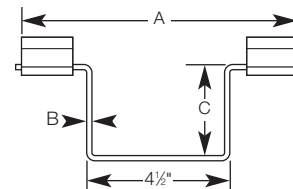
C-Type Stirrups

CAT. NO.	Conductor Size			A	B	Die
	ACSR	Str.	Sol.			
OC 42	#4	#4	#6-#4	1-7/8	2	O
OC 22	#4-#2	#4-#2	#2	1-7/8	2	O
OC 102	#4-1/0	#2-1/0	-	1-7/8	2	O
DC 402	3/0-4/0	3/0-4/0	-	2-3/4	2	D
NC 40010	266.8 (18/1)-397.5 (18/1)	250 (37)-400 (37)	-	2-1/8	1/0	N
NC 60010	397.5 (18/1)-556.5 (18/1)	477-600	-	2-1/8	1/0	N



Crank-Type Stirrups

CAT. NO.	Conductor Size			A	B	C	Die
	ACSR	Str.	Sol.				
OST 42	#4	#6 sol.-#4	10	2	2-3/4	O	
OST 22	#4-#2	#4-#2	10	2	2-3/4	O	
OST 102	#4-1/0	#2-1/0	10	2	2-3/4	O	
OB 103 ST	#6-1/0	#6-1/0	9-1/2	2	2-3/4	O	
DST 402	3/0-4/0	3/0-4/0	10	2	2-3/4	D	
NST 40010	266.8 (18/1)-397.5 (18/1)	250 (37)-400 (37)	12	1/0	2-7/8	N	
NST 60010	397.5 (267/7)-556.5 (18/1)	477-600	12	1/0	2-7/8	N	
DB 404 ST*	3/0-4/0	3/0-4/0	12	2	2-3/4	D	
NB 50040 ST*	4/0-477 (18/1)	4/0-500	10	2/0	2-7/8	N	

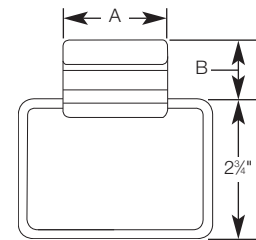


*Designates H-Tap style.

Anti-Rotational Paltrap™ Hot Line Stirrups

Protect aluminum and ACSR main conductors from arc and mechanical damage where hot line clamps are used.

For aluminum, 5005, AAAC and ACSR conductors. These stirrups can be pre-loaded into a hotstick installing tool, hooked over the line and compressed.



Features	Benefits/Descriptions
Paltrap™ Connector Is Made from Aluminum, and Factory-Installed Bail Is Tin-Plated Solid Copper	Provides high conductivity.
Connectors Prefilled with Oxide Inhibitor	Prevents oxidation and keeps out moisture.
All Connectors Marked with Wire Size, Installation Die Codes and Compression Locations	Easy identification for easy installation.

Anti-Rotational Paltrap™ Hotline Stirrups

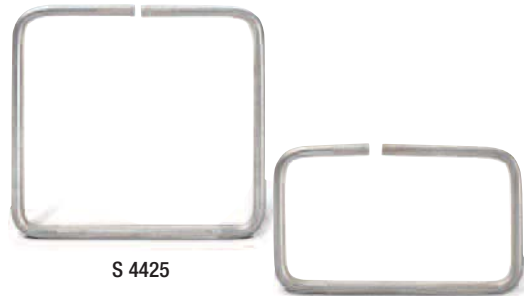
CAT. NO.	Main Conductor			A	B	Installing Die
	Sol.	Str.	ACSR			
QH 6 S	#4 and #6	#6	#6	2-1/16	1	TQ, 12, 1/2
QH 4 S	#2	#4	#4	2-1/16	1	42
SH 2S	-	#2	#2	2-3/8	1-3/16	45, TS, 13, 9/16

NOTE: Bails may be ordered separately for field assembly of stirrups using Paltrap™ connectors. Specify catalogue number HLB 2 for #2 tinned solid copper bail or catalogue number HLB 10 for 1/0 tinned solid copper bail.

Copper Tin-Plated Bails

Designed for distribution service connections with standard hotsticks.

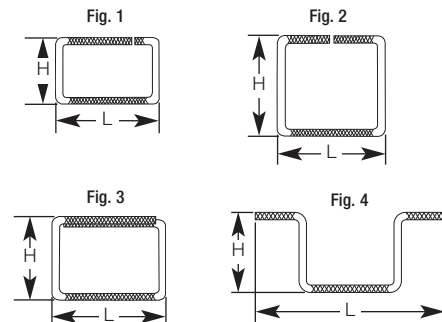
Features	Benefits/Descriptions
Choose from Seven Bail Types	All handle either #2 or 1/0 conductor sizes.
Tin-Plated	Resists corrosion.



Copper Tin-Plated Bails

CAT. NO.	Size	Fig.	H	L
HLB 2	#2	1	2-3/8	4-1/4
HLB 10	1/0	1	2-3/4	4-3/8
S 4425*	#2	2	4	4-1/4
S 4425-1/0	1/0	2	4	4-1/4
OL 4425	#2	3	3-1/8	4-1/4
HLCB 2	#2	4	2-3/4	4-1/2

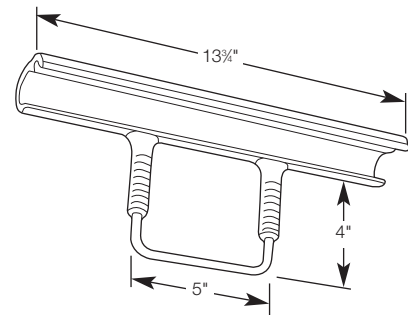
*S 4425 is split in the center and recommended for H-Type connector applications.



Blackburn® CCS Compression Stirrup

The single-piece stirrup for a large, workhorse conductor.

Features	Benefits/Descriptions
Bail Made of Tin-Plated Copper Wire	High conductivity and corrosion resistant.
Use "U" or 6024 Dies	No special compression tools needed.



Blackburn® CCS Compression Stirrup				
CAT. NO.	Conductor Range		Copper Bail Tin-Plated	
	Diameter			
	Max.-Min.	Max.-Min.		
CCS44	800-636 str.	1.032-0.918	2/0 sol.	

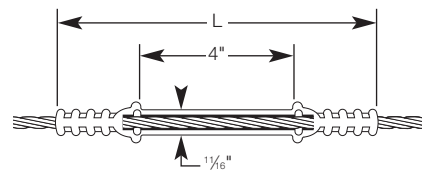
Blackburn® LP Compression Line Protector Sleeves

Covers and protects conductors from arcing when line clamps are attached or disconnected.

Features	Benefits/Descriptions
Fit #4, #2 and 1/0 Conductors	Have a hot line clamp-bearing surface measuring 1/16" diameter by 4" long.
Use 5/8", "BG" and "G" Dies	No special compression tools needed.



LP10



Hot line clamp bearing surface:
1/16" dia. x 4" length

Blackburn® LP Compression Line Protector Sleeves								
CAT. NO.	Conductor Range		Length	Installation Dies				
	ACSR	AWR					Diameter	
							Max.	Min.
LP4	#4	#4	0.257	0.232	8	5/8 Peach, BG, G		
LP2	#2	#2	0.316	0.292	8	5/8 Peach, BG, G		
LP10	1/0	1/0	0.398	0.373	8	0		

Blackburn® N and NPW Service Entrance Connectors

Long-lasting connectors with bodies and screws made of high-strength copper alloy.

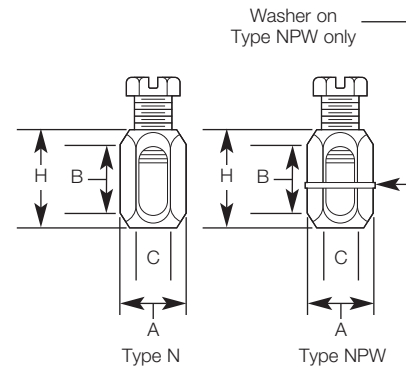
Features	Benefits/Descriptions
Both Types Have a Slotted Hex-Head Screw	Makes for strong, tight connections.
Type NPW Is Tin-Plated	Built to resist corrosion.
Type NPW Has a Tin-Plated Phosphor Bronze Washer	Protects the conductor and evenly distributes pressure.
Type NPW Is Dual-Rated	Use on ACSR and copper conductors.



6N

Blackburn® N and NPW Service Entrance Connectors

CAT. NO.	Conductor Range (AWG)				Dimensions				Bolt Head
	ACSR		Copper		A	B	C	D	
	Max.	Min.	Max.	Min.					
10N	-	-	#10 str.	#14 sol.	3/8	0.337	0.156	0.562	9/32
6N	#8	#8	#6 str.	#10 sol.	7/16	0.415	0.191	0.656	5/16
4N	#6	#8	#4 str.	#6 sol.	1/2	0.515	0.243	0.775	3/8
-	#4	#8	#2 str.	#6 sol.	21/32	0.643	0.304	0.97	1/8
10NPW	-	-	#10 str.	#14 sol.	3/8	0.337	0.156	0.562	9/32
6NPW	#8	#8	#6 str.	#10 sol.	7/16	0.415	0.191	0.656	5/16
4NPW	#6	#8	#4 str.	#6 sol.	1/2	0.515	0.243	0.775	3/8
2NPW	#4	#8	#2 str.	#6 sol.	21/32	0.643	0.304	0.97	1/8



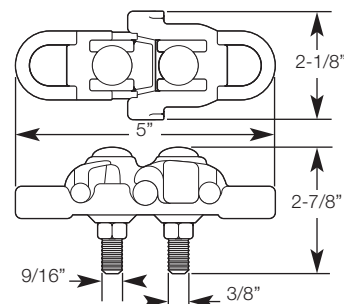
Blackburn® MS Neutral Span Clamp

House not adjacent to a pole?
This is the span clamp you need.

Features	Benefits/Descriptions
A Combination Aerial Cable-Neutral Parallel Groove Connector and Dead-Ending Clamp	Accommodates up to four service drops. Taps may be installed later, independent of existing connections.
High-Strength, One-Piece Construction	Castings are of high-strength aluminum alloy, hardware is made of galvanized steel.

Blackburn® MS Neutral Span Clamp

CAT. NO.	Conductor Range			
	ACSR		AWG	
	Main	Tap	Main	Tap
MS4	4/0-#4	1/0-#6	4/0 str.-#2 sol.	1/0 str.-#6 sol.



Blackburn®

Type N

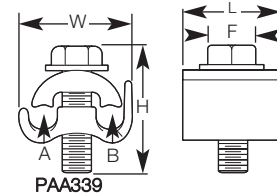
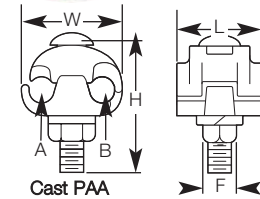
Thomas & Betts

PARALLEL GROOVE CONNECTORS

Blackburn® PAA One- and Two-Bolt Aluminum Parallel Groove Clamps

High-strength, heat-treated cast aluminum alloy provides secure connections.

Features	Benefits/Descriptions
Galvanized Steel Carriage Bolt, Nut and Lockwasher	All hardware items come standard.
Dual-Rated	Use on aluminum, ACSR and copper conductors.
Available Prefilled with Oxide Inhibitor	Prevents oxidation on copper-to-aluminum connections.



Blackburn® PAA One and Two Bolt Aluminum Parallel Groove Clamps

CAT. NO.	CAT. NO.	Conductor Range				Conductor Diameter				Dimensions (in.)				Bolt Size
		Main		Tap		Main		Tap		F	L	H	W	
		ACSR	AL/CU	ACSR	AL/CU	Max.	Min.	Max.	Min.					
-	PAA29	#2-#6	#2 str.-#6 sol.	#2-#6	#2 str.-#6 sol.	0.316	0.162	0.316	0.162	9/16	1-13/16	11-3/32	1-3/8	5/16
-	PAA339	1/0-#6	1/0 str.-#6 sol.	1/0-#6	1/0 str.-#6 sol.	0.398	0.162	0.398	0.162	9/16	1-9/16	1-1/4	1-1/2	3/8
PAA4	PAA49	1/0-#6	1/0 str.-#6 sol.	1/0-#6	1/0 str.-#6 sol.	0.398	0.162	0.398	0.162	9/16	2-7/32	1-3/16	1-1/2	3/8
PAA5	PAA59	1/0-#8	1/0 str.-#8 sol.	1/0-#8	1/0 str.-#8 sol.	0.398	0.128	0.398	0.128	9/16	2-7/32	1-11/32	1-1/2	3/8
PAA6	PAA69	1/0-#8	2/0 str.-#8 sol.	1/0-#8	2/0 str.-#8 sol.	0.414	0.128	0.414	0.128	9/16	2-7/32	1-3/8	1-5/8	3/8
PAA10*	PAA109	336.4-1/0, 1/0-#6 AR	400-1/0 str., 1/0-#6 AR	1/0-#8	1/0 str.-#8 sol.	0.741	0.368	0.398	0.128	9/16	2-15/32	2	1-3/4	3/8
PAA12	PAA129	4/0-#2	4/0 str.-#2 sol.	4/0-#2	4/0 str.-#2 sol.	0.563	0.258	0.563	0.258	3/4	2-1/4	2	2	1/2
PAA400†	PAA4009†	336.4-1/0, 1/0-#6 AR	400-1/0 str., 1/0-#6 AR	336.4-1/0	400-1/0 str.	0.741	0.368	0.741	0.368	3/4	3-1/4	3-3/4	2-1/2	1/2

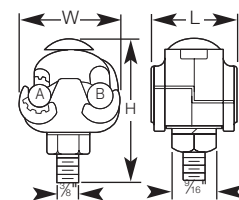
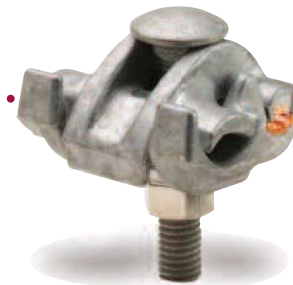
* RUS Listed.
† PAA400 and PAA4009 are two bolt clamps.
AR = Over armor rod.

NOTE: For hex-head bolt option, add "-3" suffix to the catalogue number.

Blackburn® PAC Aluminum Parallel Groove Clamps with Copper Liner

Our most corrosion-resistant groove clamp ever!

Features	Benefits/Descriptions
Pressure-Cast Aluminum Body	Effectively seals out moisture and resists corrosion.
Clamp Separates Conductors	Reduces the possibility of galvanic corrosion.



Blackburn® PAC Aluminum Parallel Groove Clamps with Copper Liner

Standard CAT. NO.	Prefilled CAT. NO.	Conductor Range			Conductor Diameter		Dimensions (in.)		
		Main		Tap	Main	Tap	H	W	L
		ACSR	AL	Copper					
PAC345	PAC3459	1/0-#8	1/0 str.-#8 sol.	1/0 str.-#8 sol.	0.398-0.128	0.373-0.128	2-7/32	1-17/32	1-1/4
PAC7*	PAC79	336.4-1/0, 1/0-#6 AR	400-2/0 str., 1/0-#6 AR	1/0 str.-#8 sol.	0.741-0.398	0.373-0.128	2-15/32	1-5/8	1-7/8

* RUS Listed.

NOTE: For hex-head bolt option, add "-3" suffix to the catalogue number.

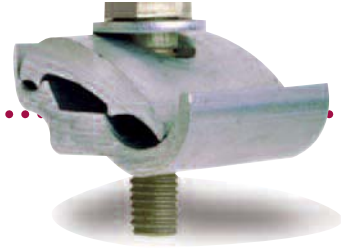
Thomas & Betts

Blackburn®

PARALLEL GROOVE CONNECTORS

Blackburn® PAE Parallel Groove Clamps, Extruded Type

Galvanized steel hardware provides high-strength for heavy-duty applications.



Features	Benefits/Descriptions
Install with Live Line Tools	Use the tools you already have.
Dual-Rated	Standard for aluminum-to-copper connections.
Prefilled with Oxide Inhibitor ("9" Suffix in Chart)	Prevents oxidation on copper-to-aluminum connections.

NOTE: For aluminum-hardware option, add "-7" suffix to the catalogue number.
 For tin-plating option, add "-P" suffix to the catalogue number.
 For wax-dip option that provides oxide protection for aluminum-to-aluminum connections, add "-6" suffix to the catalogue number.

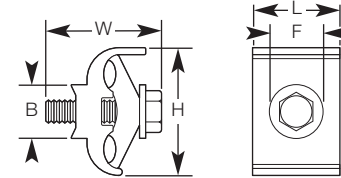


Fig. 1

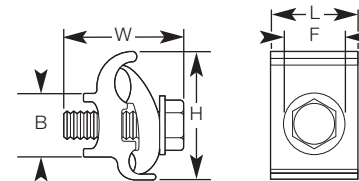


Fig. 2

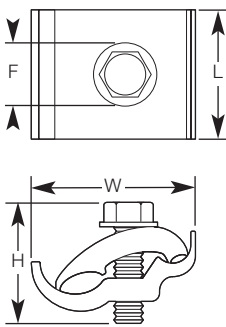


Fig. 3

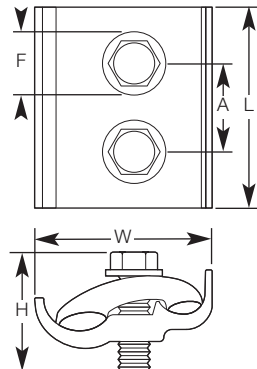


Fig. 4

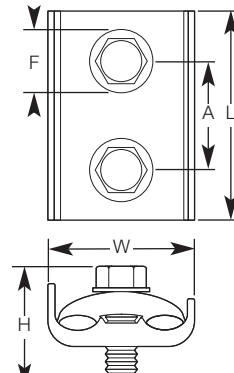


Fig. 5

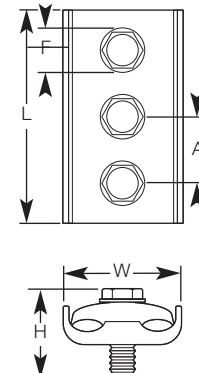


Fig. 6

Blackburn® PAE Parallel Groove Clamps, Extruded Type

CAT. NO.	Conductor Range		Conductor Diameter (in.)				Dimensions (in.)						Galvanized Aluminum		
	Main	Tap	Main		Tap		Fig.	H	W	L	F	B	A	Steel Bolt Thd. Size	Bolt Thd. Size
			Max.	Min.	Max.	Min.									
PAE-335-79	1/0 str.-#6 sol.	1/0 str.-#6 sol.	0.398	0.162	0.398	0.162	1	1-9/16	1-1/2	1-1/4	9/16	-	-	3/8-16 UNC	3/8-16 UNC
PAE-2121-9*	2/0 ACSR-#6 sol., #6 AR	2/0 ACSR-#6 sol., #6 AR	0.447	0.162	0.447	0.162	1	2	1-5/8	1-3/8	9/16	7/8	-	3/8-16 UNC	3/8-16 UNC
PAE-2121X-79	2/0 ACSR-#6 sol., #6 AR	2/0 ACSR-#6 sol., #6 AR	0.447	0.162	0.447	0.162	1	2	1-5/8	1-3/8	9/16	7/8	-	-	3/8-16 UNC
PAE-4141-9*	4/0 ACSR-#2 sol., #4-#6 AR	4/0 ACSR-#2 sol., #4-#6 AR	0.563	0.258	0.563	0.258	1	2	2	1-3/8	9/16	7/8	-	3/8-16 UNC	3/8-16 UNC
PAE-3921-9-2	397.5 ACSR-3/0 str., 2/0-#6 AR	2/0 str.-#6 sol., #6 AR	0.743	0.464	0.414	0.162	2	2-9/16	2-1/4	1-5/8	3/4	1-1/8	-	1/2-13 UNC	1/2-13 UNC
PAE-9941-9	1000-397.5 ACSR, 336.4-2/0 AR	4/0 ACSR-#2 sol., #4-#6 AR	1.152	0.743	0.563	0.258	3	2-13/16	2-59/64	2-1/4	3/4	-	-	1/2-13 UNC	1/2-13 UNC
PAE-3931-9-2	397.5 ACSR-3/0 str., 2/0-#6 AR	3/0 ACSR-2 str., #6 AR	0.743	0.464	0.502	0.292	4	2-9/16	2-5/16	3-3/8	3/4	-	1-3/4	1/2-13 UNC	1/2-13 UNC
PAE-3939-9-2	397.5 ACSR-3/0 str., 2/0-#6 AR	397.5 ACSR-3/0 str., 2/0-#6 AR	0.743	0.464	0.743	0.464	5	2-9/16	2-9/16	3-3/8	3/4	-	1-7/8	1/2-13 UNC	5/8-11 UNC
PAE-9921-9	1000-397.5 ACSR, 336.4-2/0 AR	2/0 str.-#6 sol., #6 AR	1.152	0.743	0.414	0.162	3	2-13/16	2-3/16	2-1/4	3/4	-	-	1/2-13 UNC	5/8-11 UNC
PAE-9939-9	1000-397.5 ACSR, 336.4-2/0 AR	397.5 ACSR-3/0 str., 2/0-#6 AR	1.152	0.743	0.743	0.464	4	2-13/16	3-7/64	3-1/2	3/4	-	1-1/2	1/2-13 UNC	5/8-11 UNC
PAE-9999-9	1000-397.5 ACSR, 336.4-2/0 AR	1000-397.5 ACSR, 336.4-2/0 AR	1.152	0.743	1.152	0.743	6	2-13/16	3-1/2	6	3/4	-	2	1/2-13 UNC	5/8-11 UNC

* RUS Listed.
 AR = Over armor rod.

Blackburn®

Thomas & Betts

Overhead Connectors
 and Covers

PARALLEL GROOVE CONNECTORS

Blackburn® K Series Jumper Clamps

These jumper clamps are sized right for #8 solid copper to 1/0 ACSR or 2/0 copper.



Features	Benefits/Descriptions
Made of Copper Alloy	Provides high strength and durability.
Silicon-Bronze Hex-Head Washer Bolt	Ensures a super-secure fitting.
Parallel-Groove Design	No need to remove the bolt for installation.
Available Unplated, Plated or with Plating in One Groove	Choose the model that works best with your wiring.

Jumper Clamp with Plated and Copper Grooves

CAT. NO.	Plated Groove		Copper Groove	
	Max.	Min.	Max.	Min.
K1	1/0 ACSR, #2 SCG amerductor, 7/16 galv. strand	#6 ACSR, #12 SCG amerductor, #8 solid iron	2/0 str. copper, 7/16 Copperweld*, 2A Copperweld*	#8 solid copper, #9-12D Copperweld*, etc.

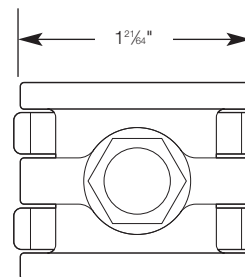
*Trademark of Copperweld.

NOTE: Plated with plating removed from one groove. For use with aluminum, amerductor or galvanized steel strand to copper or copper-bonded steel wires.

Jumper Clamp with Both Grooves Plated

CAT. NO.	Both Grooves Plated	
	Max.	Min.
K2	1/0 ACSR, #2 SCG amerductor, 7/16 galvanized steel strand	#6 ACSR, #12 SCG amerductor, #8 solid iron

NOTE: Clamp is plated. For use with amerductor, aluminum or galvanized steel stranding.

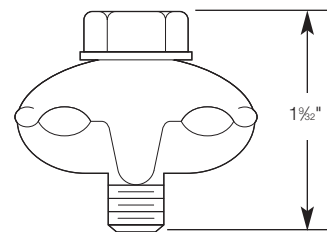


Jumper Clamp with Both Grooves Unplated

CAT. NO.	Both Grooves Unplated	
	Max.	Min.
K3	— 2/0 str. copper, 7/16 Copperweld*, 2A Copperweld*	#8 solid copper, 9-1/2D Copperweld*, etc.

*Trademark of Copperweld.

NOTE: Clamp is not plated. For copper-to-copper connections.



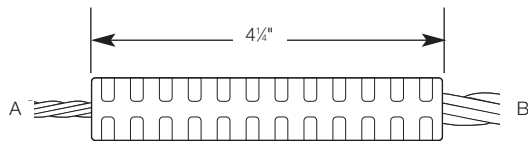
Aluminum Semi-Tension Neutral Compression Splices — Common Die Series

Aluminum construction provides high conductivity.



SNG 02

Features	Benefits/Descriptions
Solid Center Stops	Ease cable insertion.
Prefilled with Oxide Inhibitor and Topped with Colour-Coded Caps	Prevents oxidation and keeps out moisture.
All Splices Marked with Installation Die Codes and Compression Locations	Easy identification for easy installation.
Designed to Develop 40% of the Conductor's Rated Strength	Meets or exceeds ANSI C119.4 specifications.



Aluminum Semi-Tension Neutral Compression Splices

CAT. NO.	Conductor A		Conductor B		Installing Dies
	ACSR	Str.	ACSR	Str.	
SNG 66	#6	#6	#6	#6	TU, 52, 5/8, BG, 243, 8A
SNG 44	#4	#4	#4	#4	
SNG 22	#2	#2	#2	#2	
SNG 00	1/0	1/0	1/0	1/0	
SNG 46	#4	#4	#6	#6	
SNG 24	#2	#2	#4	#4	
SNG 02	1/0	1/0	#2	#2	
SNG 26	#2	#2	#6	#6	
SNG 11	#1	#1	#1	#1	

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

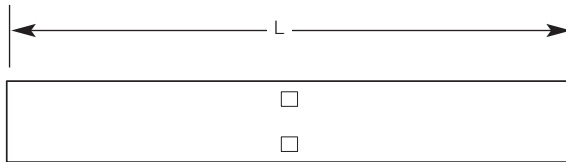
Aluminum Loop Compression Splices

Versatile compression splices for ACSR, ACAR, AAAC 5005 and AAC conductors.

Features	Benefits/Descriptions
Constructed from Aluminum	Provides high conductivity.
Prefilled with Oxide Inhibitor	Prevents oxidation and keeps out moisture.
All Splices Marked with Wire Size, Installation Die Codes and Compression Locations	Easy identification for easy installation.
Designed to Develop 25% of the Conductor's Rated Strength	Meets or exceeds ANSI C119.4 specifications.



872



892

Aluminum Loop Compression Splices

CAT. NO.	Wire Size		Length (in.)	EEI* Die Code	Installing Tools and Dies (Compression per End)	
	ACSR, ACAR †, 5005 †, AAAC	AAC			Dies-UT5 Type	Dies-Hydraulic
SNG 00	1/0 (6/1)	1/0	4-1/4	8A	TU	243, 52, 5/8, BG
Z 1 A 10	2/0 (6/1)	2/0	6-3/8	-	TZ (6)	58, 60, 245, 9A
Z 1 A 51	-	3/0	4-1/4	10A	TZ (4)	
866*	3/0 (6/1)	3/0	6-3/8	10A	TV (9)	
867*	4/0 (6/1)	4/0-250	6-3/8	11A	TX (9)	249, 76 (3), 76H (6), 840
869	266.8	266-300	7-1/2	11A	TH (6)	87 (3), 87H (6)
H 1 A 33	336.4 (18/1)	336-350	6-5/8	11A		
872*	336.4	336.4-350	7-1/2	13A		96 (3), 96H (6), 472, 655
874*	397.5	397.5-477	7-1/2	14A		106 (3), 106A (6), 719, 327
876*	477	500-556.6	7-1/2	15A		115 (3), 115H (6), 318
879	556.5	600-700	9-3/4	-		125 (3), 125H (6), 1-5/16, 608
883	605-666.6	715.5-800	12-3/4	-		140 (4), 140H (8)
892	715.5-874.5	874.5-1000	12-3/4	-		150 (4), 150H (8), 725, 352, 319, 292

* When using EEI dies, space compressions 1/8" apart.
 † Select diameter equivalent to ACSR.

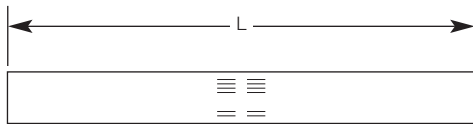
Aluminum Full-Tension Compression Splices — For Aluminum Conductors

Seamless aluminum tubing provides high conductivity.



Q 2 A 7

Features	Benefits/Descriptions
Sleeves Have an Internal Taper	Act as a funnel-like entrance for easy insertion of conductors. Provide stress relief on the conductor strands upon compression.
Prefilled with Oxide Inhibitor	Prevents oxidation and keeps out moisture.
All Splices Marked with Conductor Size and Die References	Easy identification for easy installation.
Designed to Develop 95% or More of the Conductor's Rated Strength	Meets or exceeds ANSI C119.4 specifications.



U 2 A 9

2190

Aluminum Full-Tension Compression Splices

CAT. NO.	Wire Size	Length (in.)	Installing Dies
SNG 44	#4 str.	4-1/4	243, TU, 52, 518, 8A, BG
Q 2 A 7	#2 str.	4-1/2	TQ, 163, 239, 1/2, 6A
U 2 A 9	1/0	6-1/4	TU, 52, 243, 19/32, CSA 22, 8A
W 2 A 20	2/0 str.	6-1/2	TW-TY, 245, 635, 9A
Z 2 A 10	2/0 str.	6-1/2	166
Z 2 A 51	3/0 str.	6-1/2	166
2169	3/0 str.	8-1/4	TV, 66, 694, 702, 781, 10A
2170	4/0-250 str.	8-1/4	TX, 76, 249, 840, 11A
2174	266-300 str.	10-3/8	87
2176	336.4-350 str.	10	96H, 655, 1 (1/8)-1, 321, 13A
2178	397.5-400 str.	10	96H, 655, 1 (1/8)-1, 13A
2182	450-477 str.	13	106, 14A, 1-5/16
2183	556.5 str.	10-3/8	115H, 318, 1-5/16, 15A
2186	636 str.	13-3/8	125
2187	750-795 str.	13-3/8	140
2188	795 str.	13-3/8	140, 1-1/2
2190	874.5-1000 str.	13-3/8	150

NOTE: For wire sizes over 1000 kcmil, please consult your Thomas & Betts representative.

Aluminum Full-Tension Compression Splices — For ACSR and Aluminum-Alloy Conductors

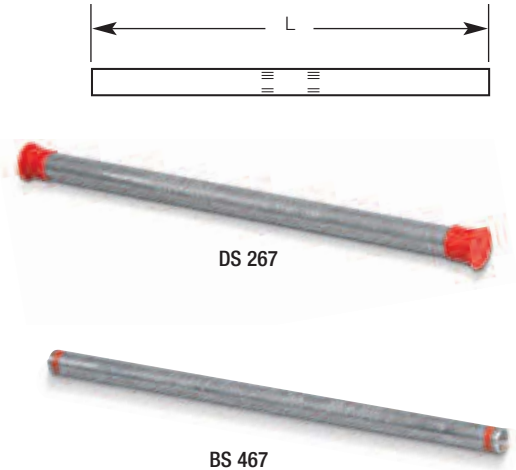
Simplify hot line distribution construction and eliminate the separate splicing of ACSR core wires.

Features	Benefits/Descriptions
Constructed from Seamless Aluminum Tubing	Provides high conductivity.
Prefilled with Oxide Inhibitor	Prevents oxidation and keeps out moisture.
Sleeves Have an Internal Taper	Act as a funnel-like entrance for easy insertion of conductors. Provide stress relief on the conductor strands upon compression.
Solid Barriers in the Center of the Sleeves	Ensure all-around distribution and penetration of the oxide inhibitor to all strands.
All Splices Marked with Conductor Size and Die References	Easy identification for easy installation.
Designed to Develop 95% or More of the Conductor's Rated Strength	Meets or exceeds ANSI C119.4 specifications.

Aluminum Full-Tension Compression Splices

CAT. NO.	Wire Size	L (in.)	Installing Dies
BS 66	#6 AAC, #6 ACSR (6/1)	6-5/8	TB, 239, 1/2
BS 46	#4 AAC, #4 ACSR (6/1), #4 AAAC	9-7/16	TB, 239, 1/2
BS 467	#4 AAC, #4 ACSR (6/1), #4 ACSR (7/1), #4 AAAC	10-3/8	TB, 239, 1/2
DS 26	#2 AAC, #2 ACSR (6/1)	12-1/4	BG, TW-TY
DS 267	#2 AAC, #2 ACSR (6/1), #2 ACSR (7/1), #2 AAAC	11-1/4	BG, TW-TY
WS 10	1/0 AAC, 1/0 ACSR (6/1), 1/0 AAAC	12-3/8	TW-TY, 58, 245
RS 10	1/0 AAC, 1/0 ACSR (6/1), 1/0 AAAC	13	167, 247, 702, 737
MS 20	2/0 AAC, 2/0 ACSR (6/1), 2/0 AAAC	17-7/8	TM, 62, 11/16
16100	3/0 AAC, 3/0 ACSR (6/1), 3/0 AAAC	17-7/8	76H, 658
16101	4/0 AAC, 4/0 ACSR (6/1), 4/0 AAAC	17-7/8	87, 654
16104	336.4 (18/1) ACSR	19	96, 655, 1 (1/8)-1, 13A
16106	397.5 (18/1) ACSR	28	96
16477	477 (18/1) ACSR	30	115H

NOTE: For wire sizes over 1000 kcmil, please consult your Thomas & Betts representative.



COMPRESSION SPLICES

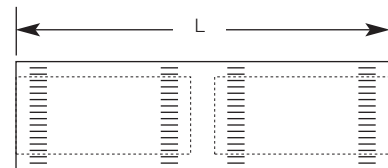
Aluminum Multi-Range Dieless Compression Splices — Minimum and Partial Tension

Compression splices for a wide conductor range, no dies needed.



SGAC 500

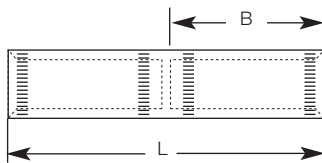
Features	Benefits/Descriptions
Made from Aluminum	Provides high strength and high conductivity.
Solid Center Stop	Ensures proper cable insertion.
Dual-Rated	Use with aluminum and copper conductors.
Connector Bores Coated with Oxide Inhibitor and Capped	Prevents oxidation.
All Splices Marked with Conductor Sizes	Easy identification.



Minimum Tension

CAT. NO.	Conductor Size	Decimal Range		Tool	L
		Min. O.D.	Max. O.D.		
SGAC 1/0	#10 sol.-1/0 ACSR	0.102	0.398	VC-5/VC-6	2
SNG 00	#10 sol.-1/0 ACSR	0.102	0.398	VC-5/VC-6	4-1/4
SGAC 3/0	#8 sol.-3/0 str.	0.128	0.470	VC-5/VC-6	3
SGAC 250	#4 sol.-266.8-4/0 ACSR	0.204	0.593	VC-5/VC-6	4
SGAC 350	2/0 str.-350-336.4 (18/1)	0.414	0.684	VC-6	5
SGAC 500	4/0 str.-500-477 (18/1)	0.522	0.814	VC-6	5
SGAC 8650	350 str.-636 (36/1) 400 copper max.	0.681	0.940	VC-8	8-7/8
SGAC 8800	397.5 str.-795 (36/1) 500 copper max.	0.724	1.040	VC-8	10-5/8

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



SKAC 500

Partial Tension

CAT. NO.	Conductor Size	Decimal Range		Tool	B (in.)	L (in.)
		Min. O.D.	Max. O.D.			
SKAC 2/0	#2 str.-2/0 ACSR	0.292	0.447	VC-5/VC-6	3-1/8	6-1/2
SKAC 4/0	1/0 str.-4/0 ACSR	0.368	0.563	VC-5/VC-6	3-7/8	8
SKAC 500	4/0 str.-477 (18/1) ACSR	0.522	0.814	VC-6	3-7/8	8
SKAC 600	300-477 (26/7) ACSR	0.629	0.858	VC-6	5-7/16	11-1/8
SKAC 700	556.5-636 (36/1) ACSR	0.858	0.930	VC-8	6-5/16	12-7/8
SKAC 800	700-795 (36/1) ACSR	0.964	1.040	VC-8	6-5/16	12-7/8

Aluminum Multi-Range Dieless Compression Splices — Full Tension

Aluminum compression splices provide high strength and high conductivity.

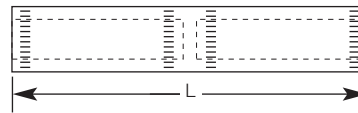


U 2 A 9

Features	Benefits/Descriptions
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.
All Splices Marked with Conductor Sizes	Easy identification.
Designed to Develop 95% or More of the Conductor's Rated Strength	Meets or exceeds ANSI C119.4 specifications.



AAC 4/0 FT

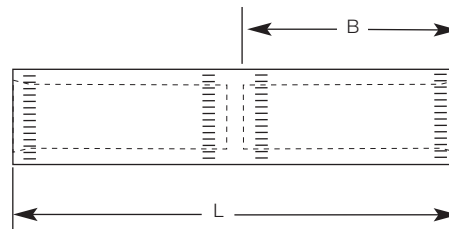


AAC Series – Full Tension

CAT. NO.	Conductor Size	Decimal Range		Tool	L (in.)
		Min. O.D.	Max. O.D.		
U 2 A 9	#4 str.–1/0 str. aluminum	0.232	0.368	VC-5/VC-6	6-1/4
AAC 4/0 FT	1/0 str.–4/0 str. aluminum	0.368	0.522		8
AAC 350 FT	4/0 str.–350 aluminum–336.4 (18/1)	0.522	0.681	VC-6	9-1/2
AAC 500 FT	336.4 str.–500 aluminum	0.666	0.795		12-1/2



ACSR 397.5 FT



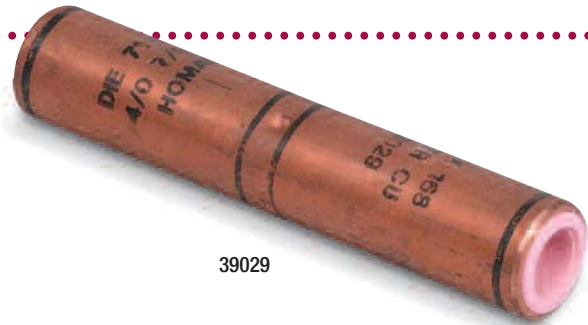
ACSR Series – Full Tension

CAT. NO.	Conductor Size	Decimal Range		Tool	B (in.)	L (in.)
		Min. O.D.	Max. O.D.			
U 2 A 9	#4 str.–1/0 str. aluminum	0.232	0.368	VC-5/VC-6	6-1/4	14-1/4
ACSR 2 FT	#4 str.–#2 str. aluminum, #4 (6/1)–#2 (7/1) ACSR, #6 sol.–#4 sol. copper, #6 str.–#2 str. copper	0.162	0.325		7	14-1/4
ACSR 1/0 FT	#2 str.–1/0 (6/1) ACSR	0.292	0.398		8-3/8	17
ACSR 2/0 FT	#2 str.–2/0 str. aluminum, #2 (6/1)–2/0 (6/1) ACSR, #2 str.–1/0 str. copper	0.292	0.447		9-1/8	18-1/2
ACSR 4/0 FT	1/0 str.–4/0 str. aluminum 1/0 (6/1)–4/0 (6/1) ACSR, 1/0 str.–3/0 str. copper	0.368	0.563	VC-6	9-7/8	20
ACSR 397.5 FT	4/0–397.5 str. aluminum, 4/0 (6/1)–397.5 (18/1) ACSR, 3/0 str.–4/0 str. copper	0.470	0.743		11	23

COMPRESSION SPLICES

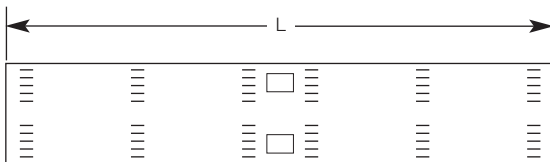
Copper Loop Compression Splices

Seamless copper tubing provides high conductivity.



39029

Features	Benefits/Descriptions
All Splices Marked with Wire Size, Installation Die Codes and Compression Locations	Easy identification for easy installation.
Designed to Develop 25% or More of the Conductor's Rated Strength	Meets or exceeds ANSI C119.4 specifications.



Copper Loop Compression Splices

CAT. NO.	Wire Size	L (in.)	Installing Tools and Dies (Compressions per End)	
			Dies-UT 5 Type	Dies-Hydraulic
J 1 C 1	#8 sol. and str.	2-1/4	TJ (2)	161
J 1 C 3	#6 sol. and str.		TJ (2)	161
L 1 C 5	#4 sol. and str.		TLTN (2)	162
Q 1 C 7	#2 sol. and #2 (7) str.	4-1/4	TQ (2)	-
S 1 C 7	#2 (3) str.		TS (4)	-
S 1 C 51	#1 sol.		TS (4)	-
S 1 C 8	#1 (7-19) str.	4-1/2	TS (4)	-
S 1 C 52	1/0 sol.		TS (4)	-
U 1 C 9	1/0 (7-19) str.		TU (4)	52 (2)
39023	2/0 (7-19) str.	4-1/2	TZ (4)	58 (2)
39026	3/0 (7-19) str.		-	62 (2), 167
39029	4/0 (7-19) str.		-	71 (2), 168

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

Copper Full-Tension Compression Splices

Seamless copper tubing provides high conductivity for full-tension applications.

Features	Benefits/Descriptions
All Splices Marked with Conductor Size, Installing Die References and Compression Locations	Easy identification for easy installation.
Designed to Develop 95% or More of the Conductor's Rated Strength	Meets or exceeds ANSI C119.4 specifications.
Selected Models Are RUS Accepted	Approved by the Federal government for utility use.



Copper Full-Tension Compression Splices

CAT. NO.	Wire Size	L	Installing Dies
Copper Conductors			
J 2 C 1	#8 sol. and str.	1-15/16	TJ, 161
J 2 C 3*	#6 sol. and str.	2-1/4	TJ, 161, J
L 2 C 4	#4 sol.	3-1/4	TLTN, 162, 3/8
L 2 C 5*	#4 str.	3-1/4	TLTN, 162, 3/8
Q 2 C 6	#2 sol.	4-3/8	TQ, 1/2, 163
Q 2 C 7	#2 (7) str.	4-3/8	TQ, 1/2, 163
S 2 C 7*	#2 (3) str.	4-1/4	TS, 9/16, 164
S 2 C 52	1/0 str.	4-1/4	TS, 9/16, 164
U 2 C 9*	1/0 (7-19) str.	5-1/4	TU
Z 2 C 1	2/0 (7-19) str.	5-1/4	TZ, 166
2723	2/0 (7-19) str.	6-1/2	58, 245
2726	3/0 (7-19) str.	6-1/2	62, 167
2729	4/0 (7-19) str.	8-3/8	71, 840, 168

CAT. NO.	Wire Size	L	Installing Dies
Copperweld® – Copper Conductors			
L 2 E 1*	8A	5-3/16	TLTN, 162
L 2 E 3*	6A	5-3/16	TLTN, 162
CFT Series			
CFT 8 S-J	8 sol.	2	J161
CFT 6 S-J	6 sol.	2-1/4	J161
CFT 4 S-P	4 sol.	2-3/4	P162
SFT 2 S-X	2 sol.	3	X163
CFT 8 J	8 (7) str.	2-1/4	J161
CFT 6 J	6 (7) str.	2-1/4	J161
CFT 4 P	4 (7) str.	2-3/4	P162
CFT 2 X	4 (7) str.	3	X163

* RUS Accepted
NOTE: For tin-plating option, add "-TN" suffix to the catalogue number.

COMPRESSION PIN TERMINALS

Flood-Seal® Insulated Compression Pin Terminals

For use on aluminum secondary conductors connected to copper clamp-type bushings.



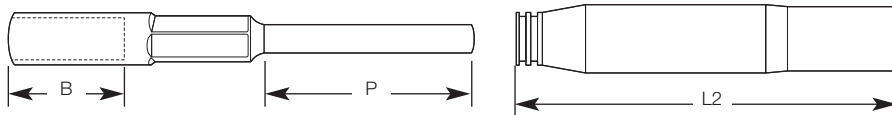
Features	Benefits/Descriptions
Fabricated from Pure Electrolytic Aluminum and Soft-Drawn, Tinned Copper Wire	The high strength and conductivity of aluminum and the flexibility of copper.
Flood-Seal Covers Provided	Ensure a watertight seal on the pin as well as around the aluminum cable insertion. Also rated up to 600V.
Oxide Inhibitor	Prevents oxidation.
All Pin Terminals Marked with Die References	Easy identification.



RU 5



RU 5 U 10



Flood-Seal® Insulated Compression Pin Terminals

CAT. NO.	Conductor Size		Solid CU Pin	Installing Dies	P (in.)	B (in.)
	Alum. Str.	ACSR				
RU 5 U 4	#4	#4	#4	TU, 52, BG, 243, 5/8, 8A	2	15/16
RU 5 U 2	#2	#2	#4	TU, 52, BG, 243, 5/8, 8A	2	15/16
RU 5 U 10	1/0	1/0	#2	TU, 52, BG, 243, 5/8, 8A	2-1/2	15/16
RG 5 U 10	1/0	1/0	#2	5/8-1, 297, 245, TW-TY, 5/8 Gold	2-1/2	1-3/4
RG 5 U 20	2/0	2/0	1/0	5/8-1, 297, 245, TW-TY, 5/8 Gold	2-1/2	1-3/4
RX 5 U 30	3/0	3/0	1/0	TX, 76, 249, 840, 11A	3	1-7/8
RX 5 U 40	4/0	4/0	2/0	TX, 76, 249, 840, 11A	3	1-7/8
RX 5 U 336	300-350	336.4 (18/1)	4/0	TX, 76, 249, 840, 11A	4	1-7/8

Flood-Seal® Insulators Only

CAT. NO.	Conductor Size		L2 (in.)
	Alum. Str.	ACSR	
RU 5	#4-1/0	#4-1/0	3-13/16
RG 5	1/0 and 2/0	1/0 and 2/0	5-11/16
RX 5	3/0-336.4	3/0-336.4	6-7/16

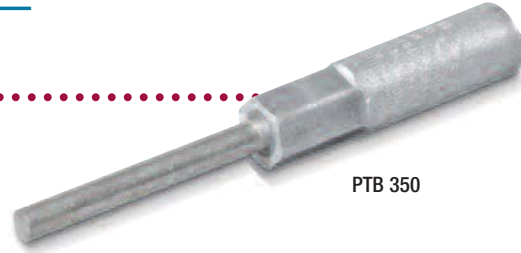
NOTE: For special die requirements, additional pin lengths, and offset pin styles, please consult your Thomas & Betts representative. For other wire barrel diameters suitable for non-listed dies, please consult your Thomas & Betts representative.



COMPRESSION PIN TERMINALS

Aluminum Compression Pin Terminals — Q 5, U 5, X 5 and PT Series

Compression pin terminals for a variety of conductor sizes.



PTB 350

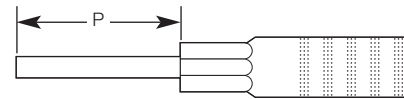
Features	Benefits/Descriptions
Connect Aluminum and ACSR to Copper-Alloy Equipment Clamps	Eliminate cold-flow problems of aluminum conductor in copper clamps.
Annealed, Tin-Plated Copper Pin	Ensures high conductivity and bends easily to aid in cable training.
Oxide Inhibitor and Metal Sealant	Prevent oxidation and protect pin/body from moisture intrusion.
All Pin Terminals Marked with Wire Size, Installing Dies and Compression Locations	Easy identification.



U 5 U 10



X 5 U 336



Q 5, U 5 and X 5 Series

CAT. NO.	Conductor Size			Installing Dies	Solid CU Pin	P (in.)
	Sol.	Str.	ACSR			
Q 5 U 8	#6	#8	—	1/2, 163, TQ, 6A*	4 (204)	2
Q 5 U 6	#4	#5 and #6	#6		4 (204)	2
Q 5 U 4	#2	#3 and #4	#4		4 (204)	2
Q 5 U 2	—	#1 and #2	#2		4 (204)	2
U 5 U 8	#6	#8	—	5/8, 52, BG, TU, 8A*	4 (204)	2
U 5 U 6	#4	#5 and #6	#6		4 (204)	2
U 5 U 4	#2	#3 and #4	#4		4 (204)	2
U 5 U 2	—	#1 and #2	#2		4 (204)	2
U 5 U 10	—	1/0	1/0	840, WK840, 249, TX, 11A*	2 (0.257)	2-1/2
X 5 U 10	—	1/0	1/0		2 (0.257)	2-1/2
X 5 U 20	—	2/0	2/0		1/0 (0.325)	2-1/2
X 5 U 30	—	3/0	3/0		1/0 (0.325)	3
X 5 U 40	—	4/0	4/0		2/0 (0.365)	3
X 5 U 266	—	250–266.8	266.8		3/0 (0.410)	3-1/2
X 5 U 366	—	300–350	336.4 (18/1)		4/0 (0.460)	4

* When using EE1 dies, space compressions 1/8" apart.

PT Series

CAT. NO.	Conductor Size		Installing Dies	Solid CU Pin	P (in.)
	Alum. Str.	ACSR			
PTB 300	266.8 and 300	266.8 (18/1)	96, 472, 705, 1 (1/8)-1	0.460	4
PTB 350	336.4 and 350	266.8 (26/7), 336.4 (18/1)		0.460	
PTB 400	397.7 and 400	336.4 (26/7), 397.5 (18/1)		0.460	
PTM 500	447, 500 and 600 CPT	397.5, 477, (26/7, 18/1)	106A, 300, 426, 1-5/16, 317	0.562	5
PTM 556	500 and 556.5	477 (26/7), 556.5 (18/1)		0.562	
PTL 636	600 and 636	556.5, 636 (36/1, 26/7)	140H, 301, 724, 1-1/2	0.562	6
PTL 750	700 and 750	636 (26/7)		0.750	
PTL 800	795 and 800	715.5 (26/7), 795 (36/1)		0.750	
PTL 1000	954 and 1000	795 (26.7), 954 (45.7)		0.875	

NOTE: For additional pin lengths and offset pin styles, please consult your Thomas & Betts representative.

COMPRESSION PIN TERMINALS

Aluminum Compression Pin Terminals — SAPT Series

Connect aluminum and ACSR to copper-alloy equipment clamps and eliminate cold-flow problems.



SAPT 4/0-206

Features	Benefits/Descriptions
Made from Aluminum	Provides high strength and conductivity.
Annealed, Tin-Plated Copper Pin	Ensures high conductivity and bends easily to aid in cable training.
Oxide Inhibitor	Prevents oxidation.
Metal Sealant	Protects pin/body from moisture intrusion.
All Pin Terminals Marked with Wire Size, Installing Dies and Compression Locations	Enable easy identification.

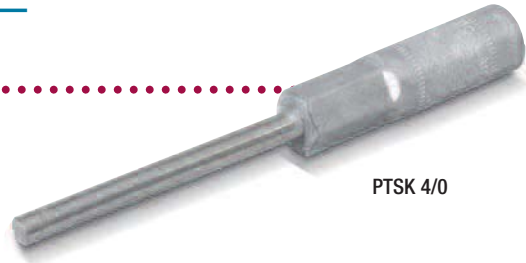
SAPT Series									
CAT. NO.	ACSR	Str.	Compr.	Compt.	Sol.	Pin Dia.	Pin Length	Dies	Barrel Insertion
SAPT 6-26	-	#6	-	-	-	2 (0.257)	6	TU, 52, BG, 243, 5/8	1-3/4
SAPT 4-26	-	#4	-	-	#2	2 (0.257)	6	TU, 52, BG, 243, 5/8	1-3/4
SAPT 2-24	#2	#2	-	-	1/0	2 (0.257)	4	BG, 5/8, 620H, 9/16	1-3/4
SAPT 2-12	-	#2	-	-	-	2 (0.257)	12	TU, 52, BG, 243, 5/8	1-3/4
SAPT 2-26	-	#1, #2	-	-	-	2 (0.257)	6	TU, 52, BG, 243, 5/8	1-3/4
SAPT 2-1017	-	#1, #2	-	-	1/0	1/0 (0.325)	17	TU, 52, BG, 243, 5/8	1-3/4
SAPT 2-26-840	-	#1, #2	-	-	1/0	2 (0.257)	6	TX, 76, 249, 840, 11A	1-3/4
SAPT 1-12E	-	#1	#1	1/0	-	2 (0.257)	12	TU, 52, BG, 243, 5/8	1-3/4
SAPT 1S-26	-	#2	-	-	-	2 (0.257)	6	TU, 52, BG, 243, 5/8	1-3/4
SAPT 1/0-10	-	1/0	-	-	-	2 (0.257)	10	TU, 52, BG, 243, 5/8	1-3/4
SAPT 1/0-1017 CC	1/0	1/0	-	-	-	1/0 (0.325)	17	TU, 52, BG, 243, 5/8	1-3/4
SAPT 1/0-106	-	1/0	-	-	-	1/0 (0.325)	6	TU, 52, BG, 243, 5/8	1-3/4
SAPT 1/0-12	-	1/0	-	-	-	2 (0.257)	12	TU, 52, BG, 243, 5/8	1-3/4
SAPT 1/0-26	-	1/0	-	-	-	2 (0.257)	6	TU, 52, BG, 243, 5/8	1-3/4
SAPT 1/0-26-840	-	1/0	-	-	-	2 (0.257)	6	TX, 76, 249, 840, 11A	1-3/4
SAPT 3/0-106	-	3/0	-	-	-	1/0 (0.325)	6	TX, 76, 249, 840, 11A	2-1/4
SAPT 4/0-1018 CC	-	4/0	-	-	-	1/0 (0.325)	18	TX, 76, 249, 840, 11A	2-1/2
SAPT 4/0-106	-	4/0	-	-	-	1/0 (0.325)	6	TX, 76, 249, 840, 11A	2-1/2
SAPT 4/0-2012	-	4/0	-	-	-	2/0 (0.365)	12	TX, 76, 249, 840, 11A	2-1/2
SAPT 4/0-206	-	4/0	-	-	-	2/0 (0.365)	6	TX, 76, 249, 840, 11A	2-1/2
SAPT 4/0-26	-	4/0	-	-	-	2 (0.257)	6	TX, 76, 249, 840, 11A	2-1/2
SAPT 350-6	266.8 (26/7), 336.4 (18/1)	336.4-350	-	-	-	(0.562)	6	1 (1/8)-1, 96, 299, 655, 316, 13A, 321, 94H	2-1/2

NOTE: For additional pin lengths and offset pin styles, please consult your Thomas & Betts representative.

COMPRESSION PIN TERMINALS

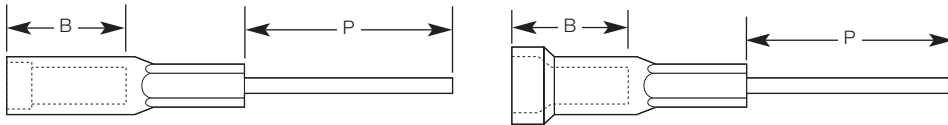
Shrouded Compression Pin Terminals — Common Die Series

Rainshield protection for insulated cable installed in exposed areas.



PTSK 4/0

Features	Benefits/Descriptions
Made from Pure Electrolytic Aluminum	Provides high strength and high conductivity.
Tin-Plated Copper Pin	Ensures high conductivity and bends easily to aid in cable training.
Prefilled with Oxide Inhibitor	Prevents oxidation.
Metal Sealant	Protects pin/body from moisture intrusion.
All Pin Terminals Marked with Die References	Enables easy identification.



Shrouded Compression Pin Terminals – Common Die Series

CAT. NO.	Conductor Size		Solid CU Pin	Shroud I.D.	Installing Dies	P (in.)	B (in.)	Style	
	Alum. Stranded	ACSR							
PTSG 6	#6	#6	0.204	0.400	52, TU, BG, 8A, 5/8, 243	2	1-7/8	2	
PTSG 4	#4	#4	0.204	0.450		2	1-7/8		
PTSG 21	#2-#1	#2-#1	0.258	0.604		2	1-7/8	1	
PTSG 1/0	1/0	1/0	0.258	0.640		2-1/4	1-7/8		
PTSK 1/0	1/0	1/0	0.258	0.640	840, 11A, 76, TX, 249	4	1-3/4	2	
PTSK 2/0	2/0	2/0	0.324	0.750		4	1-3/4		
PTSK 3/0	3/0	3/0	0.324	0.750		4	1-3/4		
PTSK 4/0	4/0	4/0	0.364	0.750		4	1-3/4		
PTSB 350	336.4-350	266.6 (26.7), 366.4 (18/1)	0.460	0.937		1 (1/8)-1,299, 655, 96, 13A	4		3-1/8
PTSL 636	600-636	556.5 (26/7), 636 (36/1)	0.562	1.125		1-1/2, 301, 724, 140H	6		3-3/8

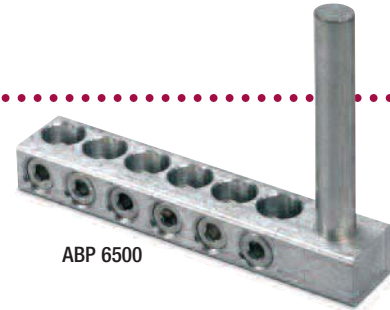
For special die requirements, please consult your Thomas & Betts representative.

NOTE: For additional pin lengths and offset pin styles, please consult your Thomas & Betts representative.

MULTI-TAP SET-SCREW CONNECTORS

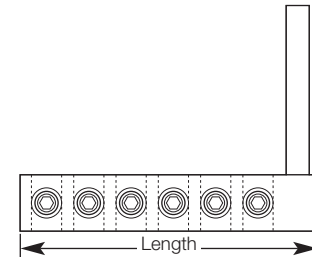
Aluminum Overhead Transformer Eyebolt Multi-Tap Set-Screw Connectors

Designed with factory-mounted 90°-angle copper studs for installation in pole-type transformers with secondary eyebolt connections.



ABP 6500

Features	Benefits/Descriptions
Made from High-Strength Aluminum Alloy	Maintains constant bolting pressure on conductors.
Screws Designed for Optimum Electrical Connection	Also provides maximum conductor-contact pressure.
Dual-Rated	Use with aluminum and copper conductors.
Standards Compliant	Meets or exceeds ANSI C119.4 specifications.



Multi-Tap Set-Screw Connectors

CAT. NO.	No. of Outlets	Length (in.)	Stud Size	Cable Range	CAT. NO.	No. of Outlets	Length (in.)	Stud Size	Cable Range
ABP 240	2	2-5/8	1/2 x 4	#6-250	ABP 2500	2	3-5/8	3/4 x 4-1/2	#2-500
ABP 340	3	3-3/8			ABP 3500	3	4-5/8		
ABP 440	4	4-5/32			ABP 4500	4	5-5/8		
ABP 540	5	4-5/16			ABP 5500	5	6-5/8		
ABP 640	6	5-3/4			ABP 6500	6	7-5/8		
ABP 740	7	6-1/2			ABP 7500	7	8-5/8		
ABP 840	8	7-9/32			ABP 8500	8	9-5/8		
ABP 2350	2	3-3/16			5/8 x 4	#6-350	ABP 2750		
ABP 3350	3	4-1/8	ABP 3750	3			5-5/8		
ABP 4350	4	5	ABP 4750	4			6-15/16		
ABP 5350	5	5-15/16	ABP 5750	5			8-9/32		
ABP 6350	6	6-13/16	ABP 6750	6			9-5/8		
ABP 7350	7	7-3/4	ABP 7750	7			10-61/64		
ABP 8350	8	8-5/8	ABP 8750	8			12-5/16		

NOTE: For special pin lengths and insulating boots, please consult your Thomas & Betts representative.

Specialty Aluminum Overhead Transformer Eyebolt Multi-Tap Set-Screw Connector

For installing pin sizes slightly different than the norm.



ABP 3168

Features	Benefits/Descriptions
Made from High-Strength Aluminum Alloy	Maintains constant bolting pressure on conductors.
Screws Designed for Optimum Electrical Connection	Also provides maximum conductor-contact pressure.
Dual-Rated	Used with aluminum and copper conductors.

Specialty Connector

CAT. NO.	No. of Outlets	Length (in.)	Stud Size	Cable Range
ABP 3168	4	4-1/4	1/2	#6-250

MULTI-TAP SET-SCREW CONNECTORS

Aluminum Flood-Seal® Overhead Transformer Eyebolt Multi-Tap Set-Screw Connectors

Insulated for pole-type transformers in high-moisture environments.



RABP 4350

Features	Benefits/Descriptions
Made from High-Strength Aluminum Alloy	Maintains constant bolting pressure on conductors.
Screws Designed for Optimum Electrical Connection	Also provides maximum conductor-contact pressure.
Factory-Mounted 90°-Angle Copper Studs	Install in pole-type transformers with secondary eyebolt connections.
Flood-Seal® Rubber Insulation	Ensures a fully insulated, watertight connection.
Dual-Rated	Use with aluminum and copper conductors.
Standards Compliant	Meets or exceeds ANSI C119.4 specifications.

Multi-Tap Set-Screw Connectors

CAT. NO.	Conductor Range	Outlets	Exposed Pin Size
RABP 4350	#12-350	4	1/2 x 2
RABP 5350		5	
RABP 6350		6	

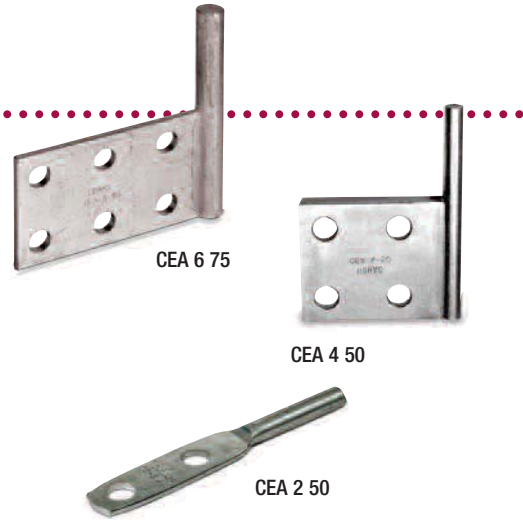
NOTE: For oxide-inhibitor option, add "-C" suffix to the catalogue number.

TRANSFORMER EYEBOLTS

Tin-Plated Overhead Transformer Eyebolt Adapters

Gain bolting pads for terminal assembly.

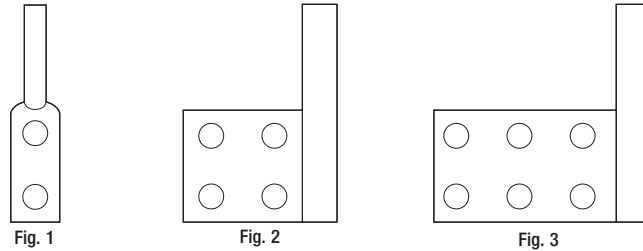
Features	Benefits/Descriptions
Made from Tin-Plated Copper	Provides high conductivity and resists corrosion.
Dual-Rated	Accepts copper or aluminum one-hole terminals and two-hole NEMA-drilled terminals.



Transformer Eyebolt Adapters

CAT. NO.	Fig. No.	Pin Diameter	Exposed Pin Size
CEA 2 50	1	1/2	2-5/8
CEA 4 50	2	1/2	2-1/4
CEA 4 75		3/4	2-3/4
CEA 6 50	3	1/2	2-1/4
CEA 6 75		3/4	2-3/4
CEA 6 100		1	2-3/4

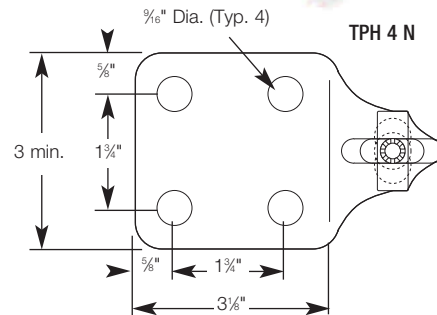
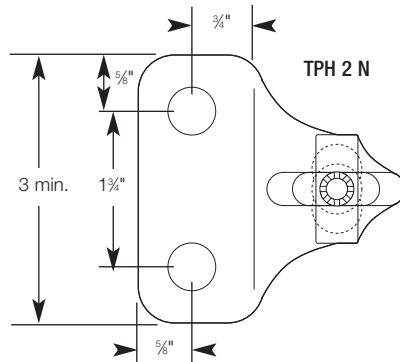
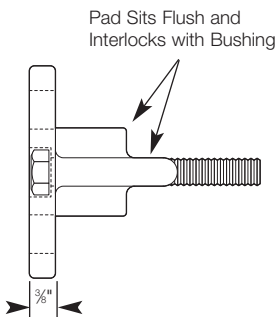
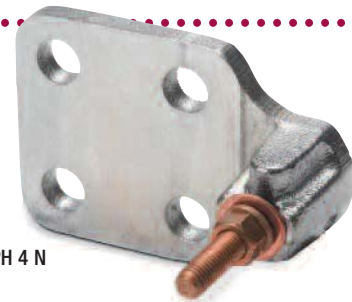
NOTE: All bolt holes are 9/16" spaced on 1-3/4" centers.
For special pin lengths, please consult your Thomas & Betts representative.



Transformer Bushing Pads

Pads sit flush and interlock with the bushing.

Features	Benefits/Descriptions
Accommodate Two or Four Terminals	Terminals can be bolted to either side of the pad.
Cast in High-Grade Bronze and Tin-Plated	Built for heavy-duty jobs and resists corrosion.



Transformer Bushing Pads

CAT. NO.	Mounting Holes
TPH 2 N	2
TPH 4 N	4

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

AUTOMATIC SPLICES FOR ALUMINUM

Blackburn® ATS Autaset® Automatic Splices

Make quick, dependable overhead tension splices and speed up installation time.

Blackburn® automatic splices make fast and dependable overhead tension splices that take a bite out of installation time. The conductor simply slips into the colour-coded, funnel-shaped end pieces and automatically enters the pilot cup with a gentle push. The pilot cup guides the conductor past the unique serrated jaws and into the center of the connector. When the conductor meets the center stop, the pull-back locks it into position as the jaws firmly clamp down. The more pull, the more bite, which provides an instant, positive and automatic connection.



Features	Benefits/Descriptions
Colour-Coded, Funnel-Shaped End Pieces	Colour provides instant visual identification of maximum conductor size. Funnel swiftly guides conductor into position for insertion.
Pilot Caps	Envelop cable strands and guide the conductors into the center of the splice.
Die-Cast Precision-Made Jaws	Provide optimum contact area for a greater range of conductor sizes.
Compression Spring	Positions the jaw for positive conductor acceptance.
Tubular Center Stop	Automatically determines proper insertion length of both conductors.
High-Strength Aluminum-Alloy Tubing	Covers the connection for superior corrosion protection and long-lasting durability.
Colour-Coded Tape	Enables identification of the minimum conductor size of wide-range connectors – it further eliminates errors and speeds up installations.

Blackburn® ATS Autaset® Automatic Splices

CAT. NO.	Conductor Range			Decimal Range	Colour Code	Overall Length (in.)
	ACSR	AAAC	AAC			
ATS4-S	#4 (6/1), (7/1)	#4	#4	0.232–0.260	4–Orange	11.50
ATS4	#4 (6/1), (7/1)	#4	#4	0.232–0.260	4–Orange	13.75
ATS42	#4 (6/1), (7/1)	#4–#2	#4–#2	0.232–0.332	4–Orange, 2–Red	13.75
ATS2	#2 (6/1), (7/1)	#2	#2	0.292–0.332	2–Red	13.75
ATS10	1/0 6/1	1/0	1/0	0.368–0.410	1/0–Yellow	16.25
ATS1020	1/0 6/1	1/0–2/0	1/0–2/0	0.368–0.461	1/0–Yellow, 2/0–Grey	16.25
ATS20	2/0 7/1	2/0	2/0	0.414–0.461	2/0–Grey	16.25
ATS30	3/0 6/1	3/0	3/0	0.461–0.522	3/0–Black	16.25
ATS3040	3/0 6/1	3/0–4/0	3/0–4/0	0.461–0.575	3/0–Black, 4/0–Pink	23.50
ATS40	4/0 (6/1), 266 (18/1)	4/0	4/0	0.475–0.575	4/0–Pink	23.50
ATS266336	266 (26/7)*, 336 (18/1), 336 (26/7)*	312.8*	266–336	0.586–0.684	Green	23.50
ATS397477	397 (18/1), 397 (26/7)*, 477 (18/1)*	394.5*	397–477	0.720–0.858	Blue	23.50

* Application limited to maximum 10,000 lb. tensile.

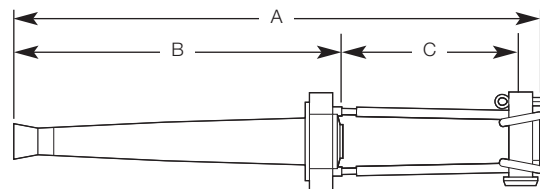
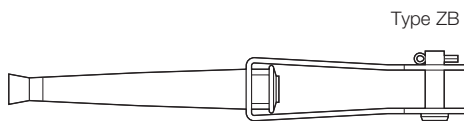
AUTOMATIC DEADENDS FOR ALUMINUM

Blackburn® ATD-ZB Stainless Steel Bails

This deadend installs quickly and easily, reducing maintenance costs and inventory.



Features	Benefits/Descriptions
Colour-Coded, Funnel-Shaped End Pieces	Colour provides instant visual identification of maximum conductor size. Funnel swiftly guides conductor into position for insertion.
Pilot Cap	Envelops cable strand and guides the conductor into the center of the splice.
Die-Cast Precision-Made Jaws	Provides optimum contact area for a greater range of conductor sizes.
Compression Spring	Positions the jaw for positive conductor acceptance.
Special Microcrystalline-Based Inhibitor	Coats the jaws and tube's inner diameter, seals the connection and provides a high-pressure lubricant for long-term, continuous performance.
Factory-Installed Dust Covers	Repel dirt and debris.
Versatile Use	Deadend ACSR, AAC and AAAC conductors.
Incredibly Strong	Breaking strength exceeds 95% of conductor's rated strength, up to a maximum of 10,000 pounds.
Galvanized Steel Clevis Pin and Stainless Steel Cotter Pin	Both parts are included and enable the bail to be used with standard deadend suspension insulators.
Colour-Coded Tape	Enables identification of the minimum conductor size of wide-range connectors – it further eliminates errors and speeds up installations.



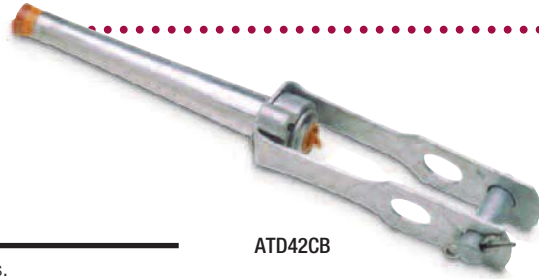
Blackburn® ATD-ZB Stainless Steel Bails

CAT. NO.	Conductor Range			Decimal Range	Colour Code	Approximate Dimensions (in.)		
	ACSR	AAAC	AAC			A	B	C
ATD42ZB	#4 (6/1), (7/1); #2 (6/1), (7/1)	#4, #2	#4, #2	0.232-0.332	4-Orange, 2-Red	12-13/16	7-13/16	5-1/16
ATD1020ZB	1/0 (6/1), 2/0 (6/1)	1/0, 2/0	1/0, 2/0	0.368-0.461	1/0-Yellow, 2/0-Grey	14-1/2	9	4-15/16
ATD3040ZB	3/0 (6/1), 4/0 (6/1)	3/0, 4/0	3/0, 4/0	0.461-0.575	3/0-Black, 4/0-Pink	20-3/4	11-3/4	8-1/2
ATD266336ZB	266 (18/1), 336 (18/1)	266, 336	266, 336	0.586-0.684	Green	20-3/4	11-3/4	8-1/2
ATD397477ZB	397 (18/1), 477 (18/1)	397, 477	397, 477	0.720-0.858	Blue	20-3/4	11-3/4	8-1/2

AUTOMATIC DEADENDS FOR ALUMINUM

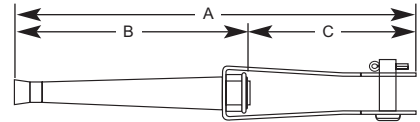
Blackburn® ATD-CB Clevis Brackets

Grab and go – slots are provided for use with standard pulling hooks.



ATD42CB

Features	Benefits/Descriptions
Versatile Use	Deadend ACSR, AAC and AAAC conductors.
Incredibly Strong	Breaking strength exceeds 95% of conductor's rated strength, up to a maximum of 10,000 pounds.
Galvanized Steel Clevis Pin and Stainless Steel Cotter Pin	Both parts are included and enable the bail to be used with standard deadend suspension insulators.



Blackburn® ATD-CB Clevis Brackets

CAT. NO.	Conductor RAnge			Decimal Range	Colour Code	Approximate Dimensions (in.)		
	ACSR	AAAC	AAC			A	B	C
ATD42CB	#4 (6/1), (7/1); #2 (6/1), (7/1)	#4, #2	#4, #2	0.232–0.332	4–Orange, 2–Red	12-9/16	7-3/16	5-1/16
ATD1020CB	1/0 (6/1), 2/0 (6/1)	1/0, 2/0	1/0, 2/0	0.368–0.461	1/0–Yellow, 2/0–Grey	15-1/4	9	5-3/8
ATD3040CB	3/0 (6/1), 4/0 (6/1)	3/0, 4/0	3/0, 4/0	0.461–0.575	3/0–Black, 4/0–Pink	20-3/4	11-3/4	6-1/2
ATD266336CB	266 (18/1), 336 (18/1)	266, 336	266, 336	0.586–0.684	Green	19-3/16	11-3/4	6-1/2
ATD397477CB	397 (18/1), 477 (18/1)	397, 477	397, 477	0.720–0.858	Blue	19-3/16	11-3/4	6-1/2

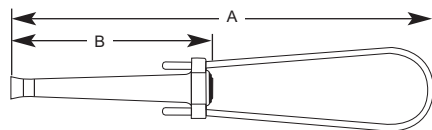
Blackburn® ATD-FB Flexible Bails

Use with spool-type and other insulators when flexibility is a must.

Features	Benefits/Descriptions
Versatile Use	Deadend ACSR, AAC and AAAC conductors.
Incredibly Strong	Breaking strength exceeds 95% of conductor's rated strength.



ATD42FB



Blackburn® ATD-FB Flexible Bails

CAT. NO.	Conductor RAnge			Decimal Range	Colour Code	Approximate Dimensions (in.)	
	ACSR	AAAC	AAC			A	B
ATD42FB	#4 (6/1), (7/1); #2 (6/1), (7/1)	#4, #2	#4, #2	0.232–0.332	4–Orange, 2–Red	14-3/16	7-3/16
ATD1020FB	1/0 (6/1), 2/0 (6/1)	1/0, 2/0	1/0, 2/0	0.368–0.461	1/0–Yellow, 2/0–Grey	18-7/8	9

AUTOMATIC GUYSTRAND CONNECTOR SYSTEM

Blackburn® ATDG™ Guystrand Connectors for Steel Strand Applications

Installation made easy – no tools required.

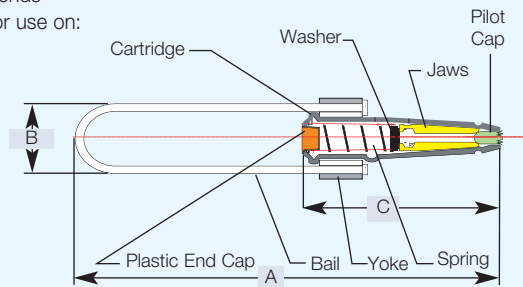


Features	Benefits/Descriptions
Tapered Cartridge Is Made of Aluminum and Steel Jaws Have Hardened Zinc Plating	Built tough. The connectors can handle tensile loads in excess of 90% of the rated strength of the recommended strand. What's more, they exceed 90% of the strand rated breaking strength.
Pilot Cap and Jaw	Both eliminate incorrect insertions.
Slotted Access Window	Enables jaw adjustment for repositioning, removal or retensioning of strand (deadends).
Aluminum Cartridge and Internal Components Are Lubricated	Cartridge, jaws, spring and washer are coated for long-term, continuous performance. Plus, they are corrosion-resistant.

Steel Strand Automatic Deadends

These steel strand automatic deadends are designed and recommended for use on:

- Common grade
- Siemens-Martin
- High-strength utility grade
- EHS
- Galvanized
- Bethalume
- Aluminized steel strand (per ASTM A 474, A 475)



Blackburn® ATDG™ Guystrand Connectors for Steel Strand Applications

CAT. NO.	Type	Strand Nominal Diameter in. (mm)	Strand†		Dimensions in. (mm)		
			Size	RBS lb. (kN)	A	B	C
ATDG14	Std. Bail	1/4 (6.35)	1/4 (6.6M)	6,650 (29.58)	9.2 (233.7)	1.7 (43.2)	4.0 (101.6)
ATDG516		5/16 (7.94)	5/16 (6M)	11,200 (49.82)	9.5 (241.3)	1.8 (45.7)	4.5 (114.3)
ATDG38*		3/8 (9.52)	3/8 (10M)	15,400 (68.50)	11.5 (292.1)	2.3 (58.4)	5.0 (127)
ATDG716*		7/16 (11.11)	7/16 (18M)	20,800 (92.52)	14 (355.6)	2.8 (71.1)	6.8 (172.7)
ATDG14-L	Long Bail	1/4 (6.35)	1/4 (6.6M)	6,650 (29.58)	13.4 (340.4)	1.7 (43.2)	4.0 (101.6)
ATDG516-L		5/16 (7.94)	5/16 (6M)	11,200 (49.82)	15.1 (383.5)	1.8 (45.7)	4.5 (114.3)
ATDG38-L*		3/8 (9.52)	3/8 (10M)	15,400 (68.50)	17.0 (431.8)	2.3 (58.4)	5.0 (127)
ATDG716-L*		7/16 (11.11)	7/16 (18M)	20,800 (92.52)	22 (558.8)	2.8 (71.1)	6.8 (172.7)

* Items for 3/8" and 7/16" steel strand are not EHS rated.
† RBS rating listed is for 7-wire EHS strand.

STEEL STRAND AUTOMATIC SPLICES

Blackburn® ATSG™ Splices

Steel strand automatic splices that require no tools for quick and easy installations.

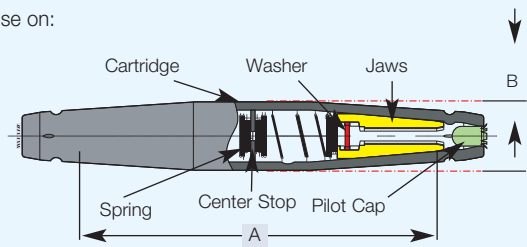


Features	Benefits/Descriptions
Tapered Cartridge Is Made of Aluminum and Steel Jaws Have Hardened Zinc Plating	Built tough. The connectors can handle tensile loads in excess of 90% of the rated strength of the recommended strand. What's more, they exceed 90% of the strand rated breaking strength.
Pilot Cap and Jaw	Both eliminate incorrect insertions.
Aluminum Cartridge and Internal Components Are Lubricated	Cartridge, jaws, spring and washer are coated for long-term, continuous performance. Plus, they are corrosion-resistant.

Steel Strand Automatic Splices

These steel strand automatic splices are designed and recommended for use on:

- Common grade
- Siemens-Martin
- High-strength utility grade
- EHS
- Galvanized
- Bethalume
- Aluminized steel strand (per ASTM A 474, A 475)



Blackburn® ATSG™ Splices

CAT. NO.	Strand Nominal Diameter in. (mm)	Strand †		Dimensions in. (mm)	
		Rating	RBS lb. (kN)	A	B
ATSG14	1/4 (6.35)	1/4 (6.6M)	6,650 (29.58)	6.4 (162.6)	0.9 (22.8)
ATSG516	5/16 (7.94)	5/16 (6M)	11,200 (49.82)	7.2 (182.9)	1.1 (27.9)
ATSG38*	3/8 (9.52)	3/8 (10M)	15,400 (68.50)	7.8 (198.1)	1.3 (33.0)
ATSG716*	7/16 (11.11)	7/16 (18M)	20,800 (92.52)	12.5 (317.5)	1.6 (40.6)

* Items for 3/8" and 7/16" steel strand are not EHS rated.
 † RBS rating listed is for 7-wire EHS strand.

Blackburn® W™ Aluminum Service Wedge Clamps

Deadend self-supporting drop wire.

Features	Benefits/Descriptions
Drop Wire May Be Cut to Exact Length	Adjustments in drop wire sag are easily made. This also saves the conductor.
Can Be Attached to Bare Neutral at Any Point in the Span	Place them where you most need them
Versatile Use	Flexible and rigid bails grip ACSR, AAC and AAAC conductors.



Blackburn® W™ Aluminum Service Wedge Clamps

CAT. NO.	Description	Conductor Range			Dimensions (in.)		Typical Tensile Values		Colour Code
		ACSR	AL	AAAC	D	L	Conductor	Value (lb.)	
W62-1	W-1 Series aluminum wedge and slider	#2-#6	#1 str.-#6 sol.	#2-#6	2-3/8	12	2 (6/1) ACSR	1,200	Orange
W62-1 FC					flex.	17-1/2			
W20-1		1/0-#4	2/0 str.-#2 sol.	1/0-#4	2-3/8	12-1/2	1/0 (6/1) ACSR	1,800	Blue
W20-1 FC					flex.	18-1/2			
W40-1*		4/0-2/0	4/0 str.-2/0 sol.	4/0-2/0	2-3/8	12-3/4	4/0 (6/1) ACSR	1,900	Red
W40-1 FC*	flex.				18-1/2				
W62-1 B†	W-1B Series iridized aluminum wedge and slider	2-#6	#1 str.-#6 sol.	2-#6	2-3/8	12	2 (6/1) ACSR	1,200	Orange
W62-1 BFC†					flex.	17-1/2			
W20-1 B†		1/0-#4	2/0 str.-#2 sol.	1/0-#4	2-3/8	12-1/2	1/0 (6/1) ACSR	1,800	Blue
W20-1 BFC†					flex.	18-1/2			
W40-1 B*†		4/0-2/0	4/0 str.-2/0 sol.	4/0-2/0	2-3/8	12-3/4	4/0 (6/1) ACSR	1,900	Red
W40-1 BFC*†	flex.				18-1/2				

* W40 series clamps rated 850 lb. ultimate tension for 1/0 ACSR, AL or AAAC.
† For extremely corrosive areas.

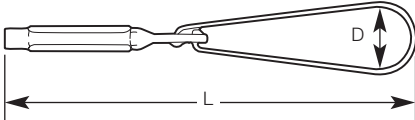
NOTE: Catalogue numbers with "FC" suffix have a flexible bail.

Blackburn® W™ Stainless Steel Wedge Clamp

The wedge clamp that stands up to corrosion.



Features	Benefits/Descriptions
Stainless Steel Wedge and Slider	Rigid bail grips copper neutral conductors.
Drop Wire May Be Cut to Exact Length	Adjustments in drop wire sag are easily made. This also saves the conductor.
Can Be Attached to Bare Neutral at Any Point in the Span	Place them where you most need them.



Blackburn® W™ Stainless Steel Wedge Clamp

CAT. NO.	Conductor Range		Dimension (in.)		Typical Tensile Values		Colour Code
	Stranded	Solid	D	L	Conductor	Value (lb.)	
W62D	#2-#6	#1-#6	2-3/8	12	#2-#7 str. AAC	1,300	Orange



QUICK REFERENCE

Overhead Wedge Connectors

page(s)

PowerTap™ Wedges	182
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Bring reliable performance to your overhead connections.

No matter the overhead wire size, Thomas & Betts has the right Homac® terminal lugs, wedges and stirrups and bolted taps. These wedge connectors are durable and stand up to temperature changes, conductor compaction and corrosion.

PowerTap™ Wedges

Reliable performance in the harshest of environments.



Features	Benefits/Descriptions
Low Stresses Produced at Interfaces	Preclude significant conductor creep and minimize loss of clamping force on connectors.
Durability	Contact forces are nearly constant during temperature changes or conductor compaction.
Abrading Action	Driving action helps remove oxidation from conductor and lowers contact resistance.
RUS Accepted	Approved by the Federal government for utility use.

PowerTap™ Wedges

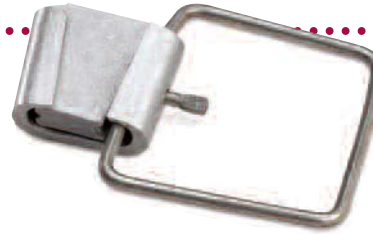
CAT. NO.	Wire Combinations	CAT. NO.	Wire Combinations	CAT. NO.	Wire Combinations
Small Taps – Use Shell PT-White		336-556 kcmil Taps – Use Shell PT-Yellow		1033.5 kcmil Taps – Use Shell PT-Yellow	
PT 1010	1/0-#2	PT 33601	336.4-336.4	PT 103300	1033.5-1033.5
PT 1011	#2-#2, 1/0-#4	PT 33602	336.4-266.8	PT 103301	1033.5-954
PT 1012	#2-#4, 1/0-#6	PT 33603	336.4-4/0	PT 103302	1033.5-795
PT 1013	#4-#4, #2-#6	PT 33604	336.4-3/0	PT 103303	1033.5-715.5
PT 1014	#6-#6, #4-#6	PT 33605	336.4-2/0	PT 103304	1033.5-636
PT 1015	#8-#8	PT 33606	336.4-1/0	PT 103305	1033.5-556.5
Medium Taps – Use Shell PT-Blue		PT 33607	336.4-#2	PT 103306	1033.5-477
PT 4001	1/0-1/0, 2/0-#2, 1/0-#2	PT 33608	336.4-#4	PT 103307	1033.5-397.5
PT 4002	2/0-2/0, 3/0-1/0, 4/0-#2	PT 33609	336.4-#6	PT 103308	1033.5-336.4
PT 4003	3/0-#6, 2/0-#6	PT 47701	477-#2 or -#3	PT 103309	1033.5-266.8
PT 4004	2/0-#4, 3/0-#4	PT 47702	477-#4 or -#5	PT 103310	1033.5-4/0
PT 4005	2/0-1/0, 3/0-#2	PT 47703	477-#6	PT 103311	1033.5-3/0
PT 4006	4/0-#4	PT 55601	556.5-477 or -556.5	PT 103312	1033.5-2/0
PT 4007	4/0-#4	PT 55602	477-477; 556.5-336.4	PT 103313	1033.5-1/0
PT 4008	3/0-2/0, 4/0-1/0	PT 55603	477-336.4; 556.5-266.8	PT 103314	1033.5-#2
PT 4009	3/0-3/0, 4/0-2/0	PT 55604	477-266.8; 556.4-3/0 or -4/0	PT 103315	1033.5-#4
PT 4010	4/0-3/0	PT 55605	477-4/0; 556.5-2/0	PT 103316	1033.5-#6
PT 4011	4/0-4/0	PT 55606	477-3/0; 556.5-#1	1192 kcmil Taps – Use Shell PT-Yellow	
266 kcmil Taps – Use Shell PT-Blue		PT 55607	477-2/0; 556.5-#1	PT 119200	1192.5-1192.5
PT 26601	266.8-#6	PT 55608	477-1/0; 556.5-#2	PT 119201	1192.5-1033.5
PT 26602	266.8-#4	PT 55609	556.5-#2 or -#3	PT 119202	1192.5-954
PT 26603	266.8-#2	PT 55611	556.5-#4 or -#5	PT 119203	1192.5-795
PT 26604	266.8-1/0	PT 55612	556.5-#6	PT 119204	1192.5-715.5
PT 26605	266.8-2/0	795 kcmil Taps – Use Shell PT-Yellow		PT 119205	1192.5-636
PT 26606	266.8-3/0	PT 79500	795-795	PT 119206	1192.5-556.5
PT 26607	266.8-4/0	PT 79501	795-715	PT 119207	1192.5-477
PT 26608	-	PT 79502	795-636	PT 119208	1192.5-397.5
PT 26609	266.8-266.8	PT 79503	795-556.5	PT 119209	1192.5-336.4
350 kcmil Taps – Use Shell PT-White		PT 79504	795-477	PT 119210	1192.5-266.8
PT 35000	350-#6	PT 79505	795-397.5	PT 119211	1192.5-4/0
PT 35001	350-#4	PT 79506	795-336.4	PT 119212	1192.5-3/0
PT 35002	350-#2	PT 79507	795-266.4	PT 119213	1192.5-2/0
PT 35003	350-1/0	PT 79508	795-4/0	PT 119214	1192.5-1/0
PT 35004	350-2/0	PT 79509	795-3/0	PT 119215	1192.5-#2
PT 35005	350-3/0	PT 79510	795-2/0	PT 119216	1192.5-#4
PT 35006	350-4/0	PT 79511	795-1/0	PT 119217	1192.5-#6
PT 35007	350-350	PT 79512	795-#2		
		PT 79513	795-#4		
		PT 79514	795-#6		

NOTE: For a kit containing a wedge and PowerTap shell, add “-K” suffix to the catalogue number.

PowerTap™ STIRRUPS & TERMINAL LUGS

PowerTap™ Stirrups

Aluminum stirrup connectors built for strength, conductivity and longevity.



Features	Benefits/Descriptions
Bail Made of Tin-Plated Copper Wire	High conductivity and corrosion resistance.
Wide Range of Stirrups	Fit a variety of clamp sizes.
Low Stresses Produced at Interfaces	The stirrup's wedge precludes significant conductor creep and minimizes loss of clamping force on connectors.
Durable Wedge	Contact forces remain nearly constant during temperature changes or conductor compaction.
Abrading Action	Driving action helps remove oxidation from conductor and lowers contact resistance.
RUS Accepted	Approved by the Federal government for utility use.

PowerTap™ Stirrups

CAT. NO.	Wire Size	Bail Size
Use Shell PT-Blue		
PT 4020 S 2	#1, 1/0, 2/0	#2
PT 4005 S 10	1/0, 2/0	1/0
PT 4004 S 2	2/0, 3/0	#2
PT 4007 S 2	3/0, 4/0	#2
PT 4007 S 10	3/0, 4/0	1/0
PT 4008 S 20	3/0, 4/0	2/0
PT 26602 S 2	266.8	#2
PT 26603 S 10	266.8	1/0
PT 35002 S 10	350 AAC	1/0
PT 35002 S 2	350 AAC	#2
Use Shell PT-White		
PT 1050 S 2	#6	#2
PT 1011 S 2	#5, #4, #2	#2

CAT. NO.	Wire Size	Bail Size
Use Shell PT-Yellow		
PT 33606 S 10	336.4	1/0
PT 33605 S 20	336.4	2/0
PT 33604 S 40	336.4	4/0
PT 47701 S 10	397.4, 477	1/0
PT 55607 S 20	397.4, 477	2/0
PT 55606 S 40	397.4, 477	4/0
PT 55608 S 10	556	1/0
PT 55607 S 20	556	2/0
PT 55605 S 40	556	4/0
PT 79511 S 40	636	4/0
PT 79512 S 20	636	2/0
PT 79511 S 20	795	2/0
PT 79509 S 40	795	4/0
PT 103312 S 40	1033.5	4/0

PowerTap™ Terminal Lugs

Strong lugs that withstand corrosion.

Features	Benefits/Descriptions
2-Hole Paddle, 4-Hole Paddle and 4-Hole Flag Models Available	Fit a variety of lug sizes.



PT 2 N 795

PowerTap™ Terminal Lugs

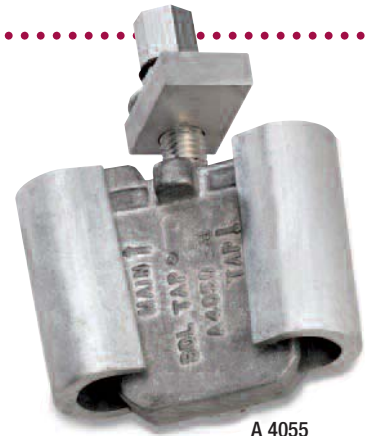
CAT. NO.	Wire Size	Tap Groove	Spade Type
PT 2 N 4/0	#2-#6, 1/0-4/0, 266.8	4/0 str.	2-Hole Paddle
PT 2 N 336	336.4, 397.5, 477, 556.5	336.4 str.	2-Hole Paddle
PT 2 N 795	636, 795, 954, 1033.5	795 str.	2-Hole Paddle
PT 4 N 4/0	#2-#6, 1/0-4/0, 266.8	4/0 str.	4-Hole Paddle

CAT. NO.	Wire Size	Tap Groove	Spade Type
PT 4 N 336	336.4, 397.5, 477, 556.5	336.4 str.	4-Hole Paddle
PT 4 N 795	636, 795, 954, 1033.5	795 str.	4-Hole Paddle
PT 4 N 336 F	336.4, 397.5, 477, 556.5	336.4 str.	4-Hole Flag
PT 4 N 795 F	636, 795, 954, 1033.5	795 str.	4-Hole Flag

BolTap™ Wedges

Fast and easy installation saves you time and money.

Features	Benefits/Descriptions
Only Hammer and Wrench Needed	No special tools required for installation.
Removable and Reusable	Reduce scrap material.
Wide Conductor Range	Further reduces inventory.



A 4055

BolTap™ Wedges

CAT. NO.	Conductor Combinations
A 4025	266.8-#4 or -#6; 336-#4 or -#6; 350-#4 or -#6
A 4030	266.8-#2 or -1/0; 336-#6, -#4 or -#2; 350-#2; 397-#6 or -#4; 477-#6; 500-#6
A 4035	266.8-1/0, -2/0, -3/0 or -4/0; 336-#2, -1/0, -2/0 or -3/0; 350-1/0 or -2/0; 397-#4, -#2, -1/0 or -2/0; 477-#6, -#4 or -#2; 500-#4 or -#2; 556-#6, -#5 or -#4
A 4040	266.8-3/0, -4/0, -250 or -266; 336-2/0, -3/0, -4/0 or -250; 350-2/0, -3/0, -4/0 or -250; 397-1/0, -2/0, -3/0 or -4/0; 477-#2, -1/0 or -2/0; 500-#2, -1/0 or -2/0; 556-#2 or -1/0
A 4045	266.8-266 or -300; 336-4/0, -250, -266 or -300; 350-4/0, -266 or -300; 397-3/0, -4/0, -250 or -266; 477-1/0, -2/0, -3/0 or -4/0; 500-2/0, -3/0 or 4/0; 566-1/0, -2/0 or -3/0
A 4050	336-266, -300, -336 or -350; 350-336 or -350; 397-4/0, -250, -266, -300, -336 or -350; 477-3/0, -4/0, -250, -266 or -300; 500-4/0, -250, -266 or -300; 556-3/0, -4/0, -250 or -266
A 4055	336-336 or -397; 397-336, -350 or -397; 477-266, -300, -336 or -350; 556-266, -300 or -336
A 4060	397-397 or -500; 477-336, -350, -397, -477 or -500; 500-336, -397 or -500; 556-336, -350, -397 or -500
A 4065	477-397, -477 or -566; 556-397, -477 or -556
A 5035	556; 653; 750-#6
A 5040	556-#4 or -#2; 605-#6 or -#4; 636-#6, -#4 or -#2; 653-#6 or -#4; 750-#6
A 5045	556-1/0 or -2/0; 605-#2, -1/0, -2/0 or -3/0; 636-#2, -1/0 or -2/0; 653-#2, -1/0, -2/0 or -3/0; 750-1/0 or -2/0; 795-#6, -#4 or -#2; 954-#6

CAT. NO.	Conductor Combinations
A 5050	556-3/0 or -4/0; 605-3/0 or -4/0; 636-1/0, -2/0, -3/0 or -4/0; 653-3/0 or -4/0; 750-3/0 or -4/0; 795-#4, -#2, -1/0 or -2/0; 954-#4
A 5055	336-3/0, -4/0, -250, -266 or -300; 556-250, -266 or -300; 605-4/0 or -250; 653-4/0 or -250; 750-4/0, -250, -266 or -300; 795-1/0, -2/0, -3/0, -4/0 or -250; 954-1/0
A 5060	556-266, -336 or -350; 605-266, -300, -336 or -350; 636-266, -300, -336 or -350; 653-266, -300, -336 or -350; 750-266, -336, -350 or -397; 795-3/0, -4/0, -250, -266 or -300; 954-2/0, -3/0 or -4/0
A 5065	336-336, -397, -477 or -500; 556-336, -397, -477 or -500; 605-397, -477 or -500; 653-336, -397, -477 or -500; 750-397, -477 or -500; 795-250, -266, -300, -336 or -350; 954-4/0, -250, -266 or -300
A 5070	556-477, -556, -636 or -750; 605-477 or -556; 653-477 or -556; 750-477, -556 or -750; 795-266, -336, -397, -477 or -350; 954-266, -336 or -350
A 5075	556-556; 605-556, -605, -636, -653, or -750; 636-556, -605, -636, -653, or -750; 653-556, -605, -636, -653 or -750; 795-397, -477, -500, -636 or -750; 954-397, -477 or -500
A 5080	636-636; 795-477, -556, -605, -636, -653, -750 or -795; 954-477, -556, -636 or -750
A 5085	795-605, -636 or -795; 954-605, -636, -653 or -795
A 5090	795-795; 954-795 or -954

NOTE: Conductor combinations shown are for reference only. Consult your Thomas & Betts representative for verification or for conductor combinations not shown. For shear-head option, add "-SH" suffix to the catalogue number. For BolTap™ stirrups, please consult your Thomas & Betts representative.



QUICK REFERENCE

Tools	page(s)
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Crimping Tools	188–190
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**Tools built not just for work,
but for long-lasting performance.**

Tools. Just the very word suggests durability and the reliability required to get jobs done. At Thomas & Betts, we have Homac® and Blackburn® tools built tough for cutting, crimping, splicing and clamping wires in your installation. When it comes to heavy-duty jobs, Thomas & Betts tools help you get them done right, time after time.

PowerTap™ Fire-On Tools and Accessories

On-the-go equipment to make clean moves, adds and changes.



Features	Benefits/Descriptions
PowerTap™ Tool Includes Heads of Your Choice	Long-lasting tool simplifies installation.
Shells and Take-Off Clips	Spare accessories you'll want to keep handy.
Cleaning Tool and Tool-Cleaning Kit	Keep your PowerTap™ equipment clean for the next installation.
Carrying Case	Safely stores all your tools and accessories in one convenient place.
Compatible with Other Manufacturers' Products	Tools and accessories are compatible with leading connector manufacturers.

PowerTap™ Fire-On Tools and Accessories	
CAT. NO.	Description
PowerTap™ Tools	
PT TOOL	1 Large Head, 1 Small Head, 1 Power Unit
PT TOOL S	1 Small Head, 1 Power Unit
PT TOOL L	1 Large Head, 1 Power Unit
PowerTap™ Shells	
PT RED	Red
PT WHITE	White
PT BLUE	Blue
PT YELLOW	Yellow
PowerTap™ Take-Off Clips	
PT CLIP, WHITE/BLUE	White & Blue
PT CLIP, YELLOW	Yellow
PowerTap™ Cleaning Tool	
PT CLEANING TOOL	Cleaning Tool
PowerTap™ Tool Cleaning Kit	
PT TOOL CLEANING KIT	See Figure 1
PowerTap™ Carrying Case	
PT CARRYING CASE	Carrying Case

PT TOOL CLEANING KIT includes:

- (1) powder solvent
- (1) shotgun cleaning rod
- (1) large shotgun bore brush
- (1) large shotgun bore swab
- (1) gun oil
- (1) small shotgun bore brush
- (1) small shotgun bore swab
- (1) small brass brush

Fig. 1



Battery-Powered Wedge Connector Installation Tool

Install Homac® tap and stirrup connectors without the use of powder-actuated cartridges.



Features	Benefits/Descriptions
C-Component and Wedge Design	Provides a stored energy system that prevents connector degradation and achieves extremely low contact resistance over the in-service life of the connector.
Flexible Tap Spring Member	Maintains constant contact pressure even if conductors expand or contract due to thermal cycling.
Small and Large Rotational Heads	Small tool head installs conductors up to 450 kcmil; large tool head installs conductors ranging from 477 to 3500 kcmil.
Integrated External Adjustment Valve	Precisely matches output pressure of the tool to the requirements of the colour-coded Homac PowerTap® connector system.
Audible Bypass	Lets you know when predetermined pressure is achieved.
Ergonomic Pistol-Grip Handle	Enables one-hand operation.
Weather-Resistant Housing	Built to last in rugged, outdoor conditions.
100% Environmentally Friendly	Operates without cartridges.

Tap to Wire Size

Tap Colour Code	Tap Type	Wire Size
White	Aluminum	#8-1/0
	Copper	1/0-250
Blue	Aluminum	4/0
	Aluminum	266.8
	Aluminum	350
	Copper	1/0-500
Yellow	Aluminum	336.4
	Aluminum	477
	Aluminum	556.5
	Aluminum	795
	Aluminum	1033.5
	Aluminum	1192.5

Battery-Powered Wedge Connector Installation Tool

CAT. NO.	Hydraulic Force	Dimensions (in.)		Weight (lb.)	
		Large Head	Small Head	Large Head	Small Head
HMC-MDT	6-9 Tons, Adjustable	13.5H x 2.25W x 20.5L	13.5H x 2.25W x 18L	14.5 with Battery	11.2 with Battery

6.2-Ton Battery-Powered Dieless Crimping Tool — 0.9" Jaw Opening

Tested up to 75kV, this tool enables you to crimp any connector manufactured to the ANSI C199.4 specification – up to 500 kcmil.



Features	Benefits/Descriptions
Compresses Hovac®/Anderson Style Lugs with 6.2 Tons of Force	Eliminates the need for dies.
Audible Bypass	Lets you know when predetermined pressure is achieved.
Advance and Retract Buttons on Pistol-Grip Handle	Enable one-hand operation, freeing the other hand to maneuver the cable.
Weather-Resistant Housing	Built to last in rugged, outdoor conditions.

6.2-Ton Battery-Powered Dieless Crimping Tool – 0.9" Jaw Opening

CAT. NO.	Comp. Force	Connector Range Copper and Aluminum Lugs and Splices	Dimension (in.)	Weight (lb.)	Warranty
HMC-5630	6.2 Tons	#10–500	13H x 2.5W x 14L	11.5 with Battery	5 years

NOTE: For range-taking connectors, the cable must be the maximum size specified for the connector.

6.2-Ton Battery-Powered Flip-Top Dieless Crimping Tool — 1.5" Jaw Opening

Tested up to 75kV, this tool crimps any connector manufactured to the ANSI C199.4 specification — from #6 AWG to 750 kcmil.



Features	Benefits/Descriptions
Compresses Hovac®/Anderson Style Lugs with 6.2 Tons of Force	Eliminates the need for dies.
One Stationary and Three Movable Indenting Nibs	Close at 90° angles to each other so that the connector is squeezed equally at four strategic points.
External Bypass Cartridge	Enables faster pressure adjustment and repair times.
Audible Bypass	Lets you know when predetermined pressure is achieved.
Weather-Resistant Housing	Built to last in rugged, outdoor conditions.

6.2-Ton Battery-Powered Dieless Crimping Tool – 1.5" Jaw Opening

CAT. NO.	Comp. Force	Connector Range Copper and Aluminum Lugs and Splices	Dimension (in.)	Weight (lb.)	Warranty
HMC-5750	6.2 Tons	#6–750	13H x 2.5W x 15.5L	12 with Battery	5 years

NOTE: For range-taking connectors, the cable must be the maximum size specified for the connector.

Battpac® LT BPI42300CR 4-Ton Inline Cordless Crimp Tool

Lightweight, battery-powered tool.



Features	Benefits/Descriptions
Head Rotates 180°	Provides ease of use in tight spaces.
Powerful NiMH Battery	Yields more crimps per charge. Bright LED display indicates remaining battery life.
Fully Equipped	Includes tool, two NiMH batteries, battery adapter, battery charger, carrying case and nine hex crimp dies (TBM6221–TBM6266).

Battpac® LT BPI42300CR 4-Ton Inline Cordless Crimp Tool

CAT. NO.	Compression Force	Connector Range		Dimension (in.)	Weight (lb.)
		Copper Lugs, Splices	Aluminum Lugs, Splices		
BPI42300CR	4 Tons	Up to 300	Up to 4/0	4.2H x 2.6W x 14.6L	5.3 with Battery

Rechargeable 6-Ton Crimping Tool

Great for OH lines and service connections.



Features	Benefits/Descriptions
Jaws Rotate 180°	Enable ease of operation in confined spaces.
Ergonomically Designed	Can be operated with one hand.
Fully Equipped	Includes the tool, two NiMH batteries, battery adapter, recharger and carrying case.
Die Compatibility	D3 groove accepts all W style dies. Also includes fixed O groove.

Rechargeable 6-Ton Crimping Tool

CAT. NO.	Compression Force	Connector Range			Dimension (in.)	Weight (lb.)
		Copper Lugs, Splices	Aluminum Lugs, Splices	Aluminum H-Taps		
BP4UCR	6 Tons	Up to 300	Up to 4/0	4/0–4/0	4.7H x 2.6W x 17.7L	6.4

Battpac® LT BPLT62BSCR/BPLT62500BSCR 6-Ton Compression Tools

Perform crimps twice as fast as before.



Features	Benefits/Descriptions
Double-Speed Feature	Decreases crimp time by doubling jaw speed until it reaches load.
Rotating Head	Enables maximum flexibility for crimping.
Fully Equipped	BPLT62BSCR includes the tool, two batteries, charger, shoulder strap, wrist strap and carrying case. BPLT62500BSCR includes everything BPLT62BSCR has, plus dies.

Battpac® LT BPLT62BSCR/BPLT62500BSCR 6-Ton Compression Tools

CAT. NO.	Compression Force	Connector Range			Dimensions (in.)	Weight (lb.)
		Copper Lugs, Splices	Aluminum Lugs, Splices	C-Taps		
BPLT62BSCR	6 Tons	Up to 500	Up to 350	54705–54750	11.9H x 3.8W x 11L	8 with Battery
BPLT62500BSCR	6 Tons	Up to 500	Up to 350	54705–54750	11.9H x 3.8W x 11L	8 with Battery

Battpac® LT BPLT6500BSCR 6-Ton Compression Tool

Get maximum crimping flexibility.



Features	Benefits/Descriptions
Double-Speed Feature	Decreases crimp time by doubling jaw speed until it reaches load.
The Total Package for Crimping	Includes BPLT6BSCR tool, two batteries, charger, shoulder strap, carrying case, die adapter for the TBM62 Series dies and dies TBM6221–TBM6287.

Battpac® LT BPLT6500BSCR 6-Ton Compression Tool

CAT. NO.	Connector Range				Dimensions (in.)	Weight (lb.)	
	Copper Lugs, Splices	Aluminum Lugs, Splices	C-Taps	Copper H-Taps			
BPLT6500BSCR	Up to 600	Up to 400	54705 to 54750	CH814-10 to CHT214-9	6305 to 63148	11.9H x 3.75W x 11L	8 with Battery

Battpac® LT BPLT14BSCR/BPLT14BSCRI 14-Ton Battery-Powered Compression Tools

Decrease crimp time by doubling jaw speed until the load is reached.



Features	Benefits/Descriptions
Ergonomic Design	Reduced weight provides for greater hand comfort.
Powerful NiMH Battery	Has 50% more energy and less memory effect than older batteries.
Rotating Head	Provides maximum flexibility for crimping.

Battpac® LT 14-Ton Battery-Powered Compression Tools

CAT. NO.	Compression Force	Connector Range		Dimensions (in.)	Weight (lb.)
		Copper Lugs, Splices	Aluminum Lugs, Splices		
BPLT14BSCR	14 Tons	Up to 900	Up to 750	10H x 3.9W x 18.1L	18.1 with Battery
BPLT14BSCRI*	14 Tons	Up to 900	Up to 750	10H x 3.9W x 18.1L	18.1 with Battery

* I in catalogue number denotes insulated head.

HYDRAULIC CRIMPER & BATTERY-POWERED CUTTER

TBM14MC 14-Ton Compact Manual Hydraulic Crimp Tool

Its short fiberglass handles and 180° rotating head make it perfect for use in tight spaces.



Features	Benefits/Descriptions
Improved Ergonomic Design	Requires less force.
1.65" Jaw Opening	Accommodates large compression terminals and joints.
Dual-Speed Action Pump	Offers fast advancing speed for approach of die to connector and slower, more powerful speed for crimping.
Built-In Safety Valve	Bypasses oil supply at maximum pressure.
Pressure-Release System	Can be easily activated at any stage of compression.

TBM14MC 14-Ton Compact Manual Hydraulic Crimp Tool

CAT. NO.	Compression Force	Connector Range					Length (in.)	Weight (lb.)
		Copper Lugs, Splices	Aluminum Lugs, Splices	C-Taps	Copper H-Taps	Aluminum H-Taps		
TBM14MC	14 Tons	Up to 900	Up to 750	54755 to 54775	CHT814-10 to CHT2502-6	63105 to 63148	20.5	15.4

Battpac® TBM54BSCT Battery-Powered Cutter

Cuts copper up to 1500 kcmil and 2-1/8" O.D. aluminum.



Features	Benefits/Descriptions
Removable Battery	Simply change for continuous use.
Weighs Only 7.2 Pounds with Battery	Enables one-handed control of blade advancement and retraction.

Battpac® TBM54BSCT Battery-Powered Cutter

CAT. NO.	Conductor	Approx. Cutting Cycles		Dimensions (in.)	Weight (lb.)
		CRCTBPI or CRCTBP Battery Cartridge	CRCTPBEI Battery Pack		
TBM54BSCT	1000 Cu	45	135	4.5H x 4W x 16L	7.2 with Battery
	1500 Cu or 2-1/8" Al	30	90		

UT 3 M Installation Tool

Nothing to lose – a built-in 5/8" die is precision-cast and installs compression connectors from #8 to 4/0.



Features	Benefits/Descriptions
Fast	One stroke of the tool develops full compression.
SHURE-SQUEEZER™ Design	Ensures proper compression before jaws will release.
Lightweight	Only 2.2 lb.

UT 3 M Installation Tool

CAT. NO.	Description
UT 3 M	Installs compression connectors from #8 to 4/0

UT 3 Installation Tool and Upper Dies

Removable, reversible die installs 1/2" and 5/8" compression connectors.



Features	Benefits/Descriptions
Also Accommodates UT 3-4 G and UT 3-4 R Dies	Perform additional installation work. UT3-4 G is a 1/2" and 5/8" gold upper die for ACSR and stranded wire. UT 3-4 R is a 1/2" and 5/8" red upper die for compressed and compact stranded wire.
Fast	One stroke of the tool develops full compression.
SHURE-SQUEEZER™ Design	Ensures proper compression before jaws will release.
Lightweight	Only 2.2 lb.

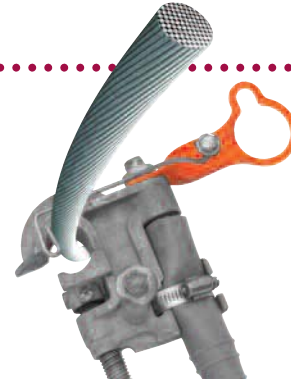
UT 3 Installation and Upper Dies

CAT. NO.	Description
Installation Tool	
UT 3	Installs compression connectors on ACSR, stranded, compressed and compact stranded
Upper Dies	
UT 3-4G	1/2 and 5/8 gold upper die for ACSR and stranded
UT 3-4R	1/2 and 5/8 red upper die for compressed and compact stranded

Blackburn® GCA™ Ground Clamp Adapters

Make temporary grounding and jumpering safer and easier than ever.

Features	Benefits/Descriptions
Enable Temporary Ground Installation	No need for bucket trucks or climbing unsafe poles!
Decrease Installation Costs	Eliminate the need for additional equipment and associated training requirements.
Maximize Speed	Provide faster and safer system restoration.



GCA-1



Blackburn® GCA™ Ground Clamp Adapters

CAT. NO.	Description	Height (in.)	Length (lb.)
GCA-1	With Wire Guide for Standard C-Clamp	2.43	8.20
GCA-2	Side Mount for Duckbill Clamp	2.80	4.45
GCA-3	Top Mount, Twisted for Duckbill Clamp	2.80	4.40

Blackburn® OD Mechanical Compression Tools

Integral self-gauging system in tool head ensures proper adjustment before each crimp.

Features	Benefits/Descriptions
OD58 Tool Includes 5/8" Fixed Die in Nose	Also capable of accommodating other standard insert dies, such as O, D, 840, etc.
ODF and ODB Tools Have Fixed "O" and "D" Dies	Greater versatility of use. ODB Tools also accept other standard MD6 insert dies.
OD58, ODF and ODB Tools Also Available with Fiberglass Handles	Provides better balance, resulting in easier handling and positioning.
OD x L72 Lever-Action Tool Optimized and Tested	Lever action results in minimum force to crimp.

Blackburn® OD Mechanical Compression Tools

CAT. NO.	Description	Height (in.)	Length (lb.)
OD58	Straight Wooden Handles	21	6.5
OD581	Fiberglass Handles	21	6.0
OD583	Curved Wooden Handles	21	6.5
ODF	Straight Wooden Handles	21	6.5
ODF1	Fiberglass Handles	21	6.0
ODF3	Curved Wooden Handles	21	6.5
ODB	Straight Wooden Handles	21	6.5
ODB1	Fiberglass Handles	21	6.0
ODB3	Curved Wooden Handles	21	6.5
OD58L72	Hotstick Handles 1.5" x 72"	72	10.5
ODBL72	Hotstick Handles 1.5" x 72"	72	10.5
ODH1	Insulating Head Covers	—	0.40

NOTE: For insulated-head option, add "-5" suffix to the catalogue number.



CABLE SLICERS AND ALLEN WRENCHES

Utility Cable Slicers

Drop-forged cutting blades and fiberglass handles designed for easy field replacement.

Features	Benefits/Descriptions
Rugged Fiberglass Handles	Provide many years of dependable service.
Drop-Forged Cutting Blade	Slicing action provides flush, burr-free conductor ends.
Well-Designed Handle Stops	Prevent "knuckle busting" during use.

Utility Cable Slicers				
CAT. NO.	Description	Maximum Range	Max. OD inc. Insulation	Overall Length (in.)
UT 4 C	Cable Slicer – Small	600 Al–350 Cu	1-5/16	21
UT 6 C	Cable Slicer – Large	1000 Al–500 Cu	2	31-1/2
UT 4 B	Blade Assembly for UT 4 C	–	–	–
UT 6 B	Blade Assembly for UT 6 C	–	–	–

NOTE: For use on copper and aluminum cable only. Not for use on steel or ACSR cable. For insulating covers for the area where the blades and handles are joined, please consult your Thomas & Betts representative.



Allen Wrench

The compact, dependable tool for turning a screw.

Features	Benefits/Descriptions
PVC-Dipped Handle	Enables you to keep a steady grip while turning.
Available for 5/16" and 3/8" Hex Screws	Matches the most popular screw sizes.

Allen Wrench	
CAT. NO.	Description
WA 516	5/16
WA 38	3/8



WA 38

TOOL DIE SELECTION CHARTS

Type OD Tool Dies

CAT. NO.	Description or Colour Code
OJB	O
DBL	D
BY39	510 Hex (non-Bow)
BY41	635 Hex (non-Bow)
BY43	747 Hex (non-Bow)
BY45	T
BY47	K
BY49	B
BY51	J
BY53	P
BY13	3/16
BY15*	7/32 (EEI-1 index 236)
BY17	1/4
BY19	5/16 (index 161.242)
BY21	3/8
BY23	1/2 (index 163)
BY25	9/16
BY27	11/16
BY29	19/32
BY31	5/8 (index 165)
BY33	737
BY35	781
BY37	840 (EEI 11A)
BY55	Wire Cutter (2/0 max.)
BY63	Orange (Nicopress)
BY65	Plum
BY15C*	7/32 Red
BY17C*	1/4 Blue
BY19C*	5/16 Grey
BY21C*	3/8 Brown
BY23C*	1/2 Pink
BY24C*	1/2-1 Gold
BY25C*	9/16 Tan/Orange
BY27C*	11/16 Yellow
BY31C*	5/16-1 Olive/Purple
BY32C*	Ruby
BY35C*	781 White
BY37C*	840 Red
BY28C*	17/32 Black
BY53C*	P Green
ODH1	Insulating Head Cover

*Can also be used with OD58 tool.
Note: For Insert Dies for Type OD Tools.

CAT. NO.	Description or Colour Code
B58CS	5/8 Die Set
HO	O Die Set
HD	D Die Set
HN	N Die Set
HU	U Die Set
HBKC	BKC
HBKT	BKT
B24EA	EEI 8A
B30EA	EEI 9A
B39EA	EEI 10A
B49EA	EEI 11A (840)
B61EA	EEI 12A
B80EA	EEI 13 A
B20AH	EEI 14A
B71AH	—
B72AH	—
B73AH	—
B74AH	—
B75AH	—
B76AH	—
B76SH	—
B06CHI	Pink/Gold
B08CHI	Tan/Orange
B09CHI	Olive/Purple
B11CH	Red/Blue
B10SH	—
B05CH	Green
B26CH	Ruby/Yellow
B71CH	Red
B72CH	Black
B73CH	Blue
B74CH	Grey
B75CH	Brown
B76CH	Pink
B10CHI	White
B12CHI	Brown

TOOL DIE SELECTION CHARTS

Tools

Color-Keyed® HEX-FLEX™ Dies

Dies for 14-Ton Tools: BPLT14BSCR, TBM14MC		Connector Size			Die Colour
CAT. NO.	Code No.	Flex/24	Code Copper	AL/CU	
15520X	21X	37/24	#8	#10	Red
15522X	24X	61/24	#6	#8	Blue
15527X	29X	91/24	#4	#6	Grey
15528X	33X	125/24	#2	—	Brown
15513X	37X	150/24	#1	#4	Green
15508X	42X	225/24	1/0	#2	Pink
15526X	45X	275/24	2/0	—	Black
15530X	50X	325/24	3/0	—	Orange
15511X	54X	450/24	4/0	—	Purple
15510X	62X	550/24	250	—	Yellow
15534X	66X	—	300	4/0	White
15514X	71X	775/24 (short)	350	250	Red
15512X	76X	775/24 (long)	400	300	Blue
15517X	80X	925/24	—	—	N/A
15506X	87X	—	500	350	Brown
15536X	94X	1100/24	600	400	Green
15500X	Indenter	—	—	—	—

Standard Dies

Dies for 14-Ton Tools: BPLT14BSCR, TBM14MC		Connector Size			Die Colour
CAT. NO.	Code No.	Flex/24	Code Copper	AL/CU	
15520	21	37/24	#8	#10	Red
15522	24	61/24	#6	#8	Blue
15527-CK	29	91/24	#4	#6	Grey
15528	33	125/24	#2	—	Brown
15513-CK	37	150/24	#1	#4	Green
15508	42	225/24	1/0	#2	Pink
15526	45	275/24	2/0	—	Black
15530	50	325/24	3/0	—	Orange
15511	54	450/24	4/0	—	Purple
15510-CK	62	550/24	250	—	Yellow
15526	45	—	—	#1	Gold
15530	50	—	—	1/0	Tan
15532-CK	60	—	—	2/0	Olive
15511	54	—	—	3/0	Ruby
15534	66H	—	300	4/0	White
15514-CK	71H	775/24 (Short)	350	250	Red
15512	76H	775/24 (Long)	400	300	Blue
15517	80H	925/24	—	—	N/A
15506	87H	—	500	350	Brown
15536-CK	84H	—	—	—	Green
15505	99H	1325/24	700	500	Pink
15515-CK	106H	—	750	650	Black
15504	115H	1925/24	900	750	Yellow

Aluminum H-Tap Dies

CAT. NO.	Connector	Colour Code
15530	63105	Orange
15501A	63110	Green
15501A	63118	Green
15501A	63125	Green
15502	63140	Blue
15502	63148	Blue

Copper H-Tap Dies

CAT. NO.	Connector	Colour Code
15CA37RCH	CHT814-10	Green
15CA71RCH	CHT214-9	Brown
15CA80RCH	CHT250214-8	Purple
15CA80RCH	CHT25014-7	Purple
15CA80RCH	CHT2502-6	Purple

Large C-Tap Dies

CAT. NO.	Connector	Colour Code
15512	54755	Blue
15506	54760	Brown
15505	54765	Pink
15515-CK	54770	Black
15504	54775	Yellow



QUICK REFERENCE

Oxide Inhibitor, Silicone Grease & Wildlife Protectors

page(s)

Sealants & Lubricant 198–199

Wildlife Protectors 200



Blackburn[®]

Protect your equipment in the great outdoors.

Our oxide inhibitors effectively seal out moisture on your line components and add to their longevity. Silicone lubricants ensure ease of insertion with high-voltage components and prevent damage during installation. Wildlife protectors safeguard your high-voltage equipment from animals and prevent service interruption.

HOM-OX Oxide Inhibitor

Seals electrical connections from oxygen and moisture.

Features	Benefits/Descriptions
Fully Compatible with All Solid Insulating Materials	Materials include rubber, paper and impregnating oils.
Operating Range of -40° C to 149° C	Stable over a wide temperature range.
HM 52 and HM 56 Are Also Joint Compounds	Superior for making full-tension splices and aluminum cable connections, respectively.



HM 53

HOM-OX Oxide Inhibitor

CAT. NO.	Description
HM 52 (1/2 PINT)	Oxide-Inhibiting Joint Compound for Full Tension Splices Only. 1/2 Pint (8 fl. oz.)
HM 53 (1/2 PINT)	Oxide-Inhibiting Compound for Non-Tension Splices or Pad-to-Pad Applications. 1/2 Pint (8 fl. oz.)
HM 56 (1/2 PINT)	Oxide-Inhibiting Joint Compound for Overhead Compression, Partial-Tension Splices, Service Entrance and Pin Terminals. 1/2 Pint (8 fl. oz.)

NOTE: For larger container sizes, please consult your Thomas & Betts representative.

EC-S8C Oxide Inhibitor

Stop surface oxides from interfering with current transfer between electrical components.

Features	Benefits/Descriptions
Use on a Wide Range of Connections	Perfect for aluminum-to-aluminum, aluminum-to-copper and copper-to-copper applications.
Safe for Use on Cables	Does not affect rubber or cable insulation. Does not contain grit.
Operating Range of -18° C to 238° C	Stable over a wide temperature range.
Non Water-Soluble, Non Petroleum-Based Polymer Grease	Does not stain.



EC-S8C Oxide Inhibitor

CAT. NO.	Description
EC-S8C	Oxide-Inhibiting Joint Compound. 1/2 Pint (8 fl. oz.)

NOTE: For a more effective electrical connection, all conductors need to be wire-brushed right before the application of this compound. Wire brushing is not recommended on tin-plated components.

Thread Lubricant

Features	Benefits/Descriptions
Versatile Use	Aids in installations and splices.



Thread Lubricant	
CAT. NO.	Description
TL 101 (1/2 PINT)	Thread Lubricant, 1/2 Pint (8 fl. oz.)

Blackburn® Silicone Lubricant for High-Voltage Electrical Work

Features	Benefits/Descriptions
Specially Formulated for High-Voltage Cable	Best used in heavy-duty electrical applications.



Blackburn® Silicone Lubricant	
CAT. NO.	Description
SL5	5 oz. Tube

Blackburn® WW Wire Bristle Brush

Remove oxides from conductor surfaces.

Features	Benefits/Descriptions
Easy-Grip Handle with Glove Guard	Prevents rubber glove puncture.
Long-Life Wire Elements	Can be rotated and are replaceable.
Handle and Guard Coated	Durable, non-conductive plastic keeps you safe.



Blackburn® WW Wire Bristle Brush	
CAT. NO.	Description
WWB1	Complete Brush with Handle
WRB1	Wire Element Only, Plain

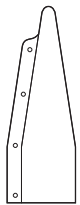
Wildlife Protectors

Protect wildlife and prevent interrupted service and lost revenue.



WLP-CSP

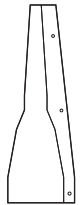
Features	Benefits/Descriptions
Easy to Install	Save set-up time.
Reusable	Save on disposal fees and replacement costs.
WL Series are Precision-Molded in Virgin PVC	Contaminant-free, safe for contact with wildlife.



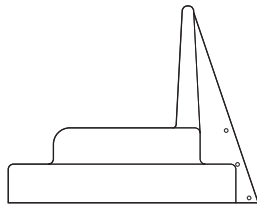
WL 3-12



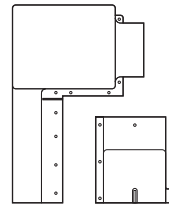
WLP 10 T



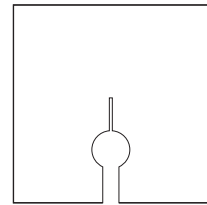
WLP 11 S



WLP-CSP



WL 6137



SQG 6137

Wildlife Protectors

CAT. NO.	Height (in.)	Width (in.)	Material
WL 3-12	12	3	Grey PVC
WL 3.5-16	16	3-1/2	
WLP 10 T	12	2-11/16	
WLP 10 T 18-1.5	21-5/8	2-11/16	
WLP 11 S	11-1/4	3	
WLP-CSP	8-3/4	11-1/8	
WL 6137	21	16-1/2	
SQG 1212	14-3/4	14-3/4	High-Density Black Polyethylene



HOMAC

Blackburn

**Protect your equipment
from dangerous surges.**

Put the finishing touches on your connections with corrosion-resistant split bolts, durable clamps and products to take dangerous surges to ground. Thomas & Betts' Homac® and Blackburn® grounding products ensure that your installation can weather the elements — and stand the test of time.

QUICK REFERENCE

Grounding Products

page(s)

Compression Taps	202
Split-Bolt Connectors	203–204
Two-Bolt Connectors	205–206
Clamps	207–210
Ground Rod Accessories.	211–212
Ground Plates.	212–213
Grounding Connectors	214–216
Flexbraids	217–222

Copper C-Type Compression Taps

Perform line tap-offs, deadending and grounding on a range of conductors.



CC 4040

Grounding Products

Features	Benefits/Descriptions
Can Be Held in the Dies or Jaws of an Installation Tool, Then Hooked Directly over the Line	Enable time-saving installations.
Manufactured from Pure Electrical-Grade Copper	Provides a highly conductive, low-resistance, reliable connection.
Die References Marked on Connector	Enable easy installation.
RUS Accepted	Approved by the federal government for utility use.

Copperweld-Copper Conductor

- 8A – Use C-Tap accommodating #6 str. Copper
- 6A – Use C-Tap accommodating #4 str. Copper
- 4A – Use C-Tap accommodating #2 str. Copper
- 2A – Use C-Tap accommodating 1/0–2/0 Copper

Copper C-Type Compression Taps

CAT. NO.	Wire Range		Installation Dies	Length (in.)
	A Groove	B Groove		
CC 48	#6 sol. — #4 str.	#8 sol. — #8 str.	TU, BG, 5/8	5/8
CC 46	#6 sol. — #4 str.	#6 sol. — #6 str.		
CC 44	#6 sol. — #4 str.	#4 sol. — #4 str.		
CC 24*	#2 sol. — #2 str.	#8 sol. — #4 str.	TM or C	3/4
CC 22	#2 sol. — #2 str.	#2 sol. — #2 str.		
CC 202	1/0 sol. — 2/0 str.	#8 sol. — #2 str.	E or O	7/8
CC 2020	1/0 sol. — 2/0 str.	1/0 sol. — 2/0 str.		
CC 402	3/0 sol. — 4/0 str.	#6 sol. — #2 str.	F or D3	1-1/16
CC 4020	3/0 sol. — 4/0 str.	1/0 sol. — 2/0 str.		
CC 4040	3/0 str. — 4/0 str.	3/0 str. — 4/0 str.		

* When using #1 Str. in the A Groove, the B Groove will accommodate #6 or #8 Str. or #8 Sol.
NOTE: For tin-plating option, add "-TN" suffix to the catalogue number.


SPLIT-BOLT CONNECTORS

Blackburn® H High-Strength Split-Bolt Connectors

Bolt down a wide range of conductors for copper-to-copper connections.

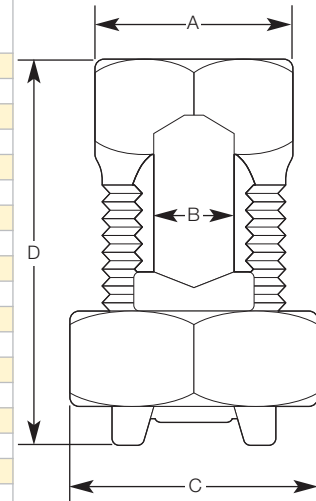


Grounding Products

Features	Benefits/Descriptions
Bolt and Nut Made of Bronze Alloy	Provides high strength and corrosion resistance.
Durable Pressure Bar	Made of copper up to and including model 40H; made of copper alloy for models 350M and above.
Hex Design Bolt and Nut on Models up to 350M	Shape adds to the strength of the connectors.
Most Connectors Are Standards Compliant 	UL 486A Listed and CSA Certified.

Blackburn® H High-Strength Split-Bolt Connectors

CAT. NO.	Conductor Range (AWG or kcmil)		Dimensions (in.)			
	Range for Equal Main and Tap	Min. Tap with One Max. Main	A	B	C	D
H9H	#10 str. — #12 sol.	#14 sol.	3/8	0.146	1/2	25/32
H8H	#8 str. — #10 sol.	#14 sol.	3/8	0.146	1/2	25/32
H8H3*	#8 str. — #12 sol.	#16 str.	3/8	0.146	1/2	29/32
H6H	#6 sol. — #8 sol.	#14 sol.	15/32	0.170	21/32	31/32
H6H3*	#6 sol. — #10 sol.	#16 str.	15/32	0.170	21/32	1-1/8
H4H	#4 sol. — #8 sol.	#14 sol.	17/32	0.235	23/32	1-1/16
H4H3*	#4 sol. — #8 sol.	#16 str.	17/32	0.235	23/32	1-9/32
H3H	#3 sol. — #8 sol.	#16 str.	17/32	0.235	23/32	1-1/16
H3H3*	#4 str. — #8 sol.	#16 str.	17/32	0.235	23/32	1-9/32
H2H	#2 sol. — #6 sol.	#14 sol.	19/32	0.271	25/32	1-1/4
H2H3*	#2 sol. — #6 sol.	#14 sol.	19/32	0.271	25/32	1-15/32
H1H-TB	#2 str. — #6 sol.	#14 sol.	11/16	0.330	7/8	1-11/32
H1H3**	#2 str. — #6 sol.	#14 sol.	11/16	0.330	7/8	1-5/8
H10H	1/0 str. — #4 sol.	#14 sol.	3/4	0.385	15/16	1-19/32
H20H	2/0 str. — #2 sol.	#14 sol.	7/8	0.443	1-1/16	1-13/16
H30H	4/0 str. — #2 sol.	#6 sol.	1	0.580	1-5/16	2-5/32
H40H	250 — #1 str.	#8 sol.	1	0.580	1-5/16	2-5/32
H350M	350—250	1/0 str.	1-5/16	0.717	1-21/32	2-11/16
H500M	500—400	2/0 str.	1-1/2	0.842	1-7/8	3-1/32
H750M	750—600	4/0 str.	1-15/16	1.029	2-1/4	3-21/32
H1000M	1000—800	4/0 str.	2-1/4	1.185	2-17/32	4-1/32



* Will accommodate 3 wires of maximum size.

** Will accommodate three #2 str. wires.

NOTE: The H3 bolts are not UL Listed or CSA Certified.


UL recognizes solid and stranded conductor configurations for sizes #8 and smaller and stranded configurations only for sizes #6 and larger.

SPLIT-BOLT CONNECTORS

Blackburn® HPS Plated Split-Bolt Connectors with Spacer

Put the squeeze on conductors.

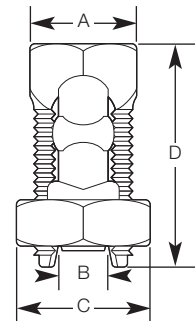


Features	Benefits/Descriptions
Bolt and Pressure Bar Made of Copper Alloy and Tin Plated	Provide high strength and corrosion resistance.
Most Connectors Are Standards Compliant for Copper Conductors 	UL 486A Listed and CSA Certified.

Blackburn® HPS Split-Bolt Connectors

CAT. NO.	Conductor Range (AWG or kcmil)			Dimensions (in.)			
	Range for Equal Main and Tap ACSR	Range for Equal Main and Tap CU or AL	Min. Tap with One Max. Main CU or AL	A	B	C	D
H-9HPS	—	#10 str.—#12 sol.	#12 sol.	3/8	0.146	1/2	29/32
H-8HPS	—	#8 str.—#12 sol.	#12 sol.	3/8	0.146	1/2	29/32
H-6HPS	#8	#6 sol.—#12 sol.	#12 sol.	15/32	0.170	21/32	1-1/8
H-4HPS	#6—#8	#4 sol.—#12 sol.	#12 sol.	17/32	0.235	23/32	1-9/32
H-2HPS	#4—#8	#2 sol.—#12 sol.	#8 sol.	19/32	0.271	25/32	1-15/32
H-1HPS	#2—#8	#1 str.—#8 sol.	#8 sol.	11/16	0.330	7/8	1-5/8
H-10HPS	#1—#6	1/0 str.—#6 sol.	#6 sol.	3/4	0.385	15/16	1-13/16
H-20HPS	1/0—#6	2/0 str.—#6 str.	#6 sol.	7/8	0.443	1-1/16	2-1/16
H-40HPS	4/0—#4	4/0 str.—#4 sol.	#4 sol.	1	0.580	1-5/16	2-15/32
H-350HPS	266.8—1/0	350—1/0 str.	#2 sol.	1-5/16	0.717	1-21/32	2-11/16
H-500HPS*	397.5—1/0	500—1/0 str.	1/0 str.	1-1/2	0.842	1-7/8	3-1/32
H-750HPS*	666.6—4/0	750—4/0 str.	2/0 str.	1-15/16	1.029	2-1/4	3-21/32
H-1000HPS*	900—477	1000—500	3/0 str.	2-1/4	1.185	2-17/32	4-1/32

* Not UL Listed or CSA Certified.
NOTE: Oxide inhibitor recommended when used with aluminum conductors.
For more information, please consult your Thomas & Betts representative.



Grounding Products

Blackburn® HPW Plated Split-Bolt Connectors with Spacer and Washer

For use on combinations of conductors.

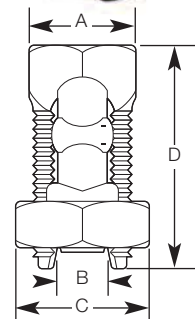


Features	Benefits/Descriptions
Bolt and Pressure Bar Made of Copper Alloy and Tin Plated	Provide high strength and corrosion resistance.
Contoured Spacer and Bell-Mouth Washer	Distribute pressure over much of the conductor.
Standards Compliant	UL Listed and CSA Certified.

Blackburn® HPW Split-Bolt Connectors

CAT. NO.	Conductor Range (AWG or kcmil)			Dimensions (in.)			
	Range for Equal Main and Tap ACSR	Range for Equal Main and Tap CU or AL	Min. Tap with One Max. Main CU or AL	A	B	C	D
H6HPW	#8	#6 sol.—#12 sol.	#12 sol.	15/32	0.170	21/32	1-1/8
H4HPW	#6—#8	#4 sol.—#12 sol.	#12 sol.	17/32	0.235	23/32	1-9/32
H2HPW	#4—#8	#2 sol.—#8 sol.	#8 sol.	19/32	0.271	25/32	1-15/32
H1HPW	#2—#8	#1 str.—#8 sol.	#8 sol.	11/16	0.330	7/8	1-5/8
H10HPW	#1—#6	1/0 str.—#6 sol.	#6 sol.	3/4	0.385	15/16	1-13/16
H20HPW	1/0—#6	2/0 str.—#6 str.	#6 sol.	7/8	0.443	1-1/16	2-1/16
H40HPW	4/0—#4	4/0 str.—#4 sol.	#4 sol.	1	0.580	1-5/16	2-15/32

NOTE: Oxide inhibitor recommended when used with aluminum conductors.
For more information, please consult your Thomas & Betts representative.



TWO-BOLT CONNECTORS

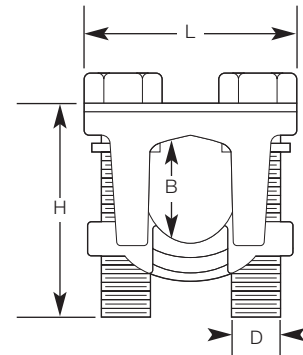
Blackburn® 2B Two-Bolt Connectors without Spacers

Double the tightness of your connections with these two-bolt connectors.

Features	Benefits/Descriptions
Castings and Bolts	All are made of a high-strength copper alloy.
Removable Cap	Convenient while performing installations.
Neoprene Washers	Capture each bolt in bottom casting, aiding in installation.
Standards Compliant	UL 486A Listed for copper conductors only.

Blackburn® 2B Two-Bolt Connectors

CAT. NO.	Conductor Range (AWG or kcmil)				Conductor Diameter (B)		Bolt Head (in.)	Dimensions (in.)		
	Main		Tap		Max.	Min.		L	H	D
2B10	1/0 Str.	#2 str.	1/0 str.	#10 sol.	0.746	0.394	1/2	1-5/16	1-1/2	5/16
2B20BB	2/0 Str.	#2 str.	2/0 str.	#8 sol.	0.788	0.420	1/2	1-5/16	1-1/2	5/16
2B40	4/0 Str.	1/0 str.	4/0 str.	#6 sol.	1.056	0.530	9/16	1-23/32	1-7/8	3/8
2B350	350	4/0 str.	350	#4 sol.	1.362	0.726	3/4	2-1/8	2-1/4	1/2
2B500	500	350	500	#4 sol.	1.626	0.883	3/4	2-1/4	2-1/2	1/2
2B800	800	600	800	#2 sol.	2.062	1.149	3/4	2-1/2	2-3/4	1/2
2B1000	1000	750	1000	#2 sol.	2.304	0.255	15/16	2-31/32	3-1/4	5/8



Grounding Products

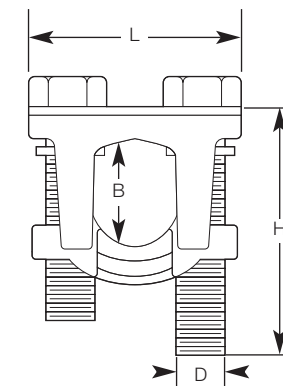
Blackburn® 2BX One-Piece Two-Bolt Connectors without Spacers

Extra-length bolt enables top casting to swing free over two conductors of maximum range.

Features	Benefits/Descriptions
Castings and Bolts	All are made of a high-strength copper alloy.
Free Bolt	Held in place with Neoprene washers during installation.
One-Piece Construction	Adds to the overall strength of the connectors.
Standards Compliant	UL 486A Listed for copper conductors only.

Blackburn® 2BX Two-Bolt Connectors

CAT. NO.	Conductor Range (AWG or kcmil)				Conductor Diameter (B)		Bolt Head (in.)	Dimensions (in.)		
	Main		Tap		Max.	Min.		L	H	D
2B10X	1/0 str.	#2 str.	1/0 str.	#10 sol.	0.746	0.394	1/2	1-5/16	1-1/2	5/16
2B20X	2/0 str.	#2 str.	2/0 str.	#8 sol.	0.838	0.420	1/2	1-5/16	1-1/2	5/16
2B40X	4/0 str.	1/0 str.	4/0 str.	#6 sol.	1.056	0.530	9/16	1-23/32	1-7/8	3/8
2B350X	350	4/0 str.	350	#4 sol.	1.362	0.726	3/4	2-1/8	2-1/4	1/2
2B500X	500	350	500	#4 sol.	1.626	0.883	3/4	2-1/4	2-1/2	1/2
2B800X	800	600	800	#2 sol.	2.062	1.149	3/4	2-1/2	2-3/4	1/2
2B1000X	1000	750	1000	#2 sol.	2.304	1.255	15/16	2-31/32	3-1/4	5/8



Blackburn®

Thomas&Betts

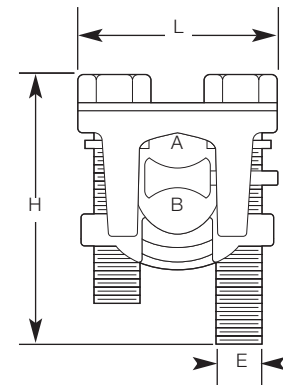
TWO-BOLT CONNECTORS

Blackburn® 2BW One-Piece Two-Bolt Connectors with Spacers

Contoured spacers are ringed and swing easily over conductors.



Features	Benefits/Descriptions
Castings and Bolts	All are made of a high-strength copper alloy.
Contoured Spacers	Made of ductile, high-conductivity copper alloy.
One-Piece Construction	Adds to the overall strength of the connectors.
Standards Compliant	UL 486A Listed for copper conductors only.



Blackburn® 2BW Two-Bolt Connectors

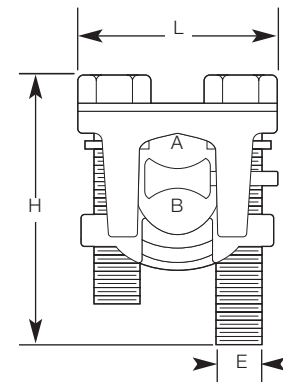
CAT. NO.	Conductor Range (AWG or kcmil)				Conductor Diameter				Bolt Head (in.)	Dimensions (in.)		
	Main		Tap		A		B			L	H	E
	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.				
2B10W	1/0 str.	#2 str.	1/0 str.	#10 sol.	0.373	0.292	0.373	0.102	1/2	1-5/16	1-5/8	15/16
2B20W	2/0 str.	#2 str.	2/0 str.	#8 sol.	0.419	0.292	0.419	0.128	1/2	1-5/16	1-5/8	15/16
2B40W	4/0 str.	1/0 str.	4/0 str.	#6 sol.	0.528	0.368	0.528	0.162	9/16	1-23/32	2-1/8	3/8
2B350W	350	4/0 str.	350	#4 sol.	0.681	0.522	0.681	0.204	3/4	2-1/8	2-1/2	1/2
2B500W	500	350	500	#4 sol.	0.813	0.679	0.813	0.204	3/4	2-1/4	2-3/4	1/2
2B800W	800	600	800	#2 sol.	1.031	0.891	1.031	0.258	3/4	2-1/2	3-1/4	1/2
2B1000W	1000	750	1000	#2 sol.	1.152	0.997	1.152	0.258	15/16	2-31/32	3-3/4	5/8

Blackburn® 2BPW One-Piece Two-Bolt Connectors with Spacers

Two-bolt connectors for use on copper, aluminum and ACSR conductors.



Features	Benefits/Descriptions
Tin Plated	Resists corrosion.
Contoured Spacers	Ringed and swing easily over conductors.
One-Piece Construction	Adds to the overall strength of the connectors.
Standards Compliant	UL 486A Listed for copper conductors only.

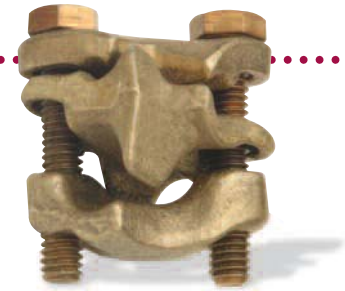


Blackburn® 2BPW Two-Bolt Connectors

CAT. NO.	Conductor Range (AWG or kcmil)				Conductor Diameter				Bolt Head (in.)	Dimensions (in.)		
	Main		Tap		A		B			L	H	E
	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.				
2B10PW	1/0 str.	#2 str.	1/0 str.	#10 sol.	0.373	0.292	0.373	0.102	1/2	1-5/16	1-5/8	15/16
2B20PW	2/0-#2	2/0-#6	2/0 str.	#8 sol.	0.447	0.292	0.447	0.128	1/2	1-5/16	1-5/8	15/16
2B40PW	4/0-1/0	4/0-#6	4/0 str.	#6 sol.	0.563	0.368	0.563	0.162	9/16	1-23/32	2-1/8	3/8
2B350PW	350-4/0	350-#4	350	#4 sol.	0.680	0.522	0.680	0.204	3/4	2-1/8	2-1/2	1/2
2B500PW	500	350	500	#4 sol.	0.813	0.679	0.813	0.204	3/4	2-1/4	2-3/4	1/2
2B800PW	800	600	800	#2 sol.	1.031	0.891	1.031	0.258	3/4	2-1/2	3-1/4	1/2
2B1000PW	1000	750	1000	#2 sol.	1.162	0.997	1.162	0.258	15/16	2-31/32	3-3/4	5/8

Blackburn® XT™ Clamp for Tee Tap, Cross, Parallel and End-to-End Connectors

Connectors for a variety of applications.



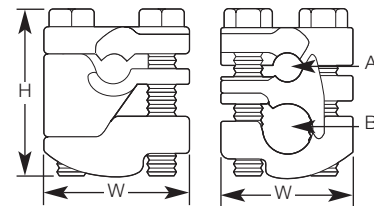
Features	Benefits/Descriptions
Copper Alloy Castings	Provide high strength for heavy-duty applications.
Silicon-Bronze Bolts	Built to handle frequent moves, adds and changes.

Blackburn® XT™ Clamps

CAT. NO.	Conductor Range (AWG or kcmil)				Conductor Diameter				Bolt Size (in.)	Dimensions (in.)		
	Main		Tap		A		B			L	H	W
	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.				
XT12	4/0 str.	#1 str.	#2 str.	#6 sol.	0.528	0.328	0.292	0.162	5/16	1-1/2	1-13/16	1-1/2
XT13			4/0 str.	#1 str.	0.528	0.328	0.528	0.328	3/8	1-7/8	2	1-7/8
XT21	500	250	#2 str.	#6 sol.	0.813	0.574	0.292	0.162	3/8	2-1/16	2-3/16	1-5/8
XT22			4/0 str.	#1 str.	0.813	0.574	0.528	0.328	3/8	2-1/8	2-3/16	2-7/8
XT23*			500	250	0.813	0.574	0.813	0.574	3/8	2-1/8	2-3/16	2-1/26
XT33*			500	250	1.152	0.811	0.813	0.574	3/8	2-1/4	3	2-15/16
XT34*	1000	500	1000	500	1.152	0.811	1.152	0.811	7/16	2-11/16	3-1/8	2-11/16

* 4-bolt clamps

NOTE: For tin-plating option, add "-P" suffix to the catalogue number.



Grounding Products

Blackburn® DLC™ Single U-Bolt Aluminum Fittings

Deadend loop connections.



DLC2106

Features	Benefits/Descriptions
Top and Bottom Pressure Pads	Cast of high-strength, heat-treated, aluminum-silicon alloy.
Hardware Made of Galvanized Steel	Provides added strength and durability.

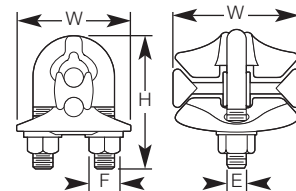
Blackburn® DLC™ Single U-Bolt Aluminum Fittings

CAT. NO.	Conductor Range (AWG or kcmil)				Conductor Diameter				Dimensions (in.)				
	Main		Tap		A		B		W	L	H	F	E
	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.					
DLC2106*	2/0-#6	2/0-#6	2/0 str.-#6 sol.	2/0 str.-#6 sol.	0.447	0.162	0.447	0.162	1-7/8	1-1/2	3-1/4	9/16	3/8
DLC23*	4/0-#1, #2-#6 AR	4/0-1/0	266.8-1/0 str.	266.8-1/0 str.	0.563	0.368	0.609	0.368	2-3/8	2-7/8	4	3/4	1/2
DLC25	336.4-1/0, 1/0-#6 AR	336.4-1/0, 1/0-#6 AR	397.5-1/0 str.	397.5-1/0 str.	0.684	0.368	0.743	0.368	2-3/8	3-3/16	4	3/4	1/2

* RUS Accepted.

AR-with Armor Rod.


NOTE: For oxide-inhibitor option with aluminum-to-copper applications, add "-9" suffix to the catalogue number.



Blackburn® HLC™ Hot-Line Clamps (Protected Thread)

Hot-line clamps built for all seasons.



Features	Benefits/Descriptions
Eye-Bolt Coated with Grease	Ensures easy turning in all weather conditions.
Built for General/Copper Applications	Available for a wide conductor range.
Standards Compliant 	UL Listed and CSA Certified.

Blackburn® HLC™ Hot-Line Clamps (Protected Thread)

CAT. NO.	Body	For Wire Combination	Conductor Range			
			Main		Tap	
			ACSR	AWG or kcmil	ACSR	AWG
HLC2108*	Bronze	Copper to Copper	—	2/0-#8	—	2/0
HLC2108P	Plated Bronze	General Purpose	2/0-#6	2/0-#8	2/0-#6	2/0-#8
HLC2108AP9	Plated Aluminum	General Purpose	2/0-#6	2/0-#8	2/0-#6	2/0-#8
HLC3974	Bronze	Copper to Copper	—	400-#6 sol.	—	4/0-#6 sol.
HLC3974P	Plated Bronze	General Purpose	—	400-#6 sol.	3/0-#6	4/0-#6 sol.
HLC3974AP	Plated Aluminum	General Purpose	397.5-#6	400-#6 sol.	3/0-#6	4/0-#6 sol.

* RUS Accepted.
NOTE: For oxide-inhibitor option, add "-9" suffix to the catalogue number.

Blackburn® PGH™ Center-Bolt Parallel-Groove Hot-Tap Clamps

Reliable performance for years to come.



Features	Benefits/Descriptions
Tight, Secure Fittings	Main and tap wires positively secure.
Catalogue Numbers Ending with 9 are Pre-Filled with Oxide Inhibitor	Prevents oxidation and keeps out moisture.

Blackburn® PGH™ Center-Bolt Parallel-Groove Hot-Tap Clamps

Std. CAT. NO.	Pre-filled CAT. NO.	Conductor Range				Conductor Diameter (in.)				Center Bolts	Dimensions (in.)					
		Main		Tap		Main		Tap			No.	Dia.	Fig.	W	H	L
		ACSR	AWG	ACSR	AWG	Max.	Min.	Max.	Min.							
Aluminum Clamps																
—	PGH29	2/0-#8	2/0 str.-#8 sol.	1/0-#8	1/0 str.-#8 sol.	0.447	0.128	0.398	0.128	1	1/2	1	2-3/8	5-3/4	2-3/8	
PGH4	PGH49	397.5-#6, 2/0-#6	450-#4 sol.	3/0-#6	4/0 str.-#6 sol.	0.781	0.198	0.528	0.162	1		1	3-5/16	6-5/16	2-7/16	
—	PGH69	397.5 (18/1)-#2 AR	1000-4/0 str.	266-#6	300-#6 sol.	1.152	0.522	0.657	0.162	2		2	4	6-3/4	4-1/4	
—	PHG6129*	874-4/0, 397.5 (18/1)-#2 AR	1000-4/0 str.	266-#6	300-#6 sol.	1.152	0.522	0.657	0.162	1	3	3-5/8	6-3/4	3-1/16		
Copper Clamps																
PGH3	PGH39	—	2/0 str.-#8 sol.	—	—	0.419	0.419	0.128	0.128	1	7/16	1	2-3/8	5-1/4	1-1/4	

* PGH6129 has two hex-head bolt and pressure pad tap conductor retainers. AR—with Armor Rod.
NOTE: Copper clamps are for use on copper conductors only.

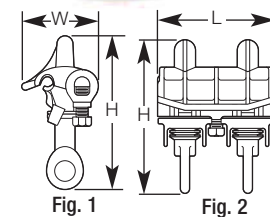


Fig. 1

Fig. 2

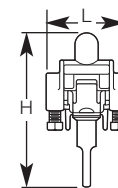

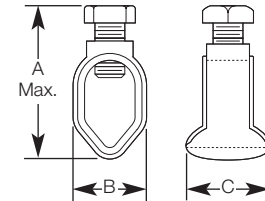


Fig. 3

Blackburn® JAB™ Ground Rod Clamps

The long bearing surface of the clamp on the ground wire provides a secure ground connection.

Features	Benefits/Descriptions
Cast of Copper Alloy	Provides high strength and resists corrosion.
Socket Set-Screw or Hex-Head Bolt Versions Available	Choose the clamp style that matches your application.
Standards Compliant 	UL Listed for direct burial; most clamps are CSA Certified.



Grounding Products


Blackburn® JAB™ Ground Rod Clamps

Socket Set Screw CAT. NO.	Hex Head Bolt CAT. NO.	Nominal Rod Dia.		Wire Range		Max. (mm²)	Min. (mm²)	Dimensions (in.)					
		(in.)	(mm)	Max.	Min.			A (Max.) Socket Screw	A (Min.) Hex Bolt	Screw Thread Size UNC-2A	B	C	D
JAB12-H*	JAB12H-H	1/2	12.7	#2 str.	#10 sol.	33.6	5.2	1-19/32	2-3/32	7/16-14	27/32	7/8	19/32
JAB58-H	JAB58H-H	5/8	15.8	1/0 str.	#8 sol.	53.4	8.3	1-27/32	2-13/64	7/16-14	29/32	1	11/16
JAB34-H	JAB34H-H	3/4	19.0	1/0 str.	#8 sol.	53.4	8.3	2	2-11/32	7/16-14	11/16	1	51/64
-	JAB34C-H	3/4 ± 5/8	15.8 to 19.0	1/0 str.	#8 sol.	95.0	8.3	-	2-11/32	7/16-14	1-1/8	1-1/32	13/16
JAB1-H	JAB1H-H	1	25.0	4/0 str.	#8 sol.	107.1	8.3	2-1/4	3	7/16-14	1-11/32	11/16	1

* Not CSA Certified.
NOTE: For tin-plating option, add "-P" suffix to the catalogue number.

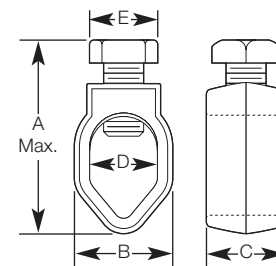
Blackburn® G™ Budget Line Ground Clamps

Make dependable ground connections – and substantial savings, too!

Features	Benefits/Descriptions
Body and Hex-Head Bolt Cast of Copper Alloy	Provides high strength and resists corrosion.
Simplified, Compact Design	Provides a trouble-free connection.
Standards Compliant 	CSA Certified, most clamps are also UL Listed for direct burial.



G5-H



Blackburn® G™ Budget Line Ground Clamps


CAT. NO.	Nominal Rod Dia.		Wire Range		Dimensions (in.)							
	(in.)	(mm)	Max.	Min.	A (Max.) (mm²)	A (Min.) (mm²)	Screw Thread (Max.) Bolt	Size UNC-2A	B	C	D	E
G3-H*	3/8	9.5	#4 str.	#10 sol.	21.1	5.2	1-3/8	5/16-18	11/16	1/2	27/64	3/8
G4-H	1/2	12.7	#2 str.		33.6		—	3/8-16	27/32	3/8	37/64	1/2
G5-H†	5/8	15.8	#2 str.		33.6		—	3/8-16	29/32	3/8	43/64	1/2
G6-H	3/4	19.0	#2 str.		33.6		—	3/8-16	1-1/16	3/8	13/16	1/2

* Not CSA Certified.
† RUS Accepted. Also UL Listed for grounding #4 rebar in direct-burial or concrete-encased applications.
NOTE: For tin-plating option, add "-P" suffix to the catalogue number.

Blackburn® GG™ and GGH Heavy-Duty Ground Rod Clamps

The protection you need against lightning strikes.

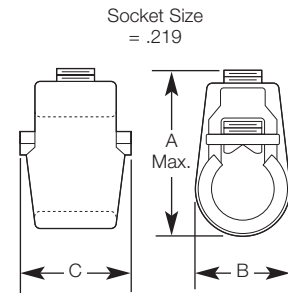
Grounding Products

Features	Benefits/Descriptions
Cast of Copper Alloy	Provides high strength and resists corrosion.
Socket Set-Screw or Hex-Head Bolt Versions Available	Choose the clamp style that matches your application.
Floating Pressure Bar	Distributes pressure evenly over a large area of the ground wire.
Axial Groove	Keeps wire and rod in perfect alignment.
Standards Compliant 	CSA Certified.

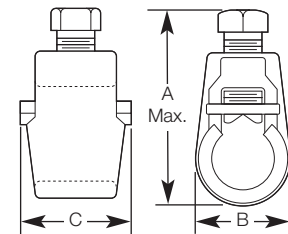
Blackburn® GG™ and GGH Heavy-Duty Ground Rod Clamps

Socket Set Screw CAT. NO.	Hex Head Bolt CAT. NO.	Nominal Rod Dia.		Wire Range		Max. (mm ²)	Min. (mm ²)	Dimensions (in.)				
		(in.)	(mm)	Max.	Min.			A (Max.) Socket Screw	A (Min.) Hex Bolt	Screw Thread Size UNC-2A	B	C
GG12-H	GG12H-H	1/2	12.7	#2 str.		33.6		1-13/64	1-13/16	7/16-14	27/32	15/16
GG58-H	GG58H-H	5/8	15.8	#2 str.	#8 sol.	53.6	8.3	1-51/64	2-7/32	7/16-14	61/64	15/16
-	GG34H-H	3/4	19.0	4/0 str.		120.6		-	3	1/2-14	1-3/8	1/1/4

NOTE: For tin-plating option, add "-P" suffix to the catalogue number.
GG34H-H has no pressure bar or axial groove.





Width Across Flats 1/2"



Blackburn® C Sectional Ground Rod Couplings

An essential piece for peace of mind.

Features	Benefits/Descriptions
Tapped Design	Enables couplings to be used on all standard threaded sectional rods.
Standards Compliant  	UL Listed and CSA Certified.



Sectional Ground Rod Couplings

CAT. NO.	Size (in.) (Nominal Diameter)	Thread Size
50C-H	1/2	1/2"-13 UNS
50LC-H	1/2 L	9/16"-12 UNS
60C-H	5/8	5/8"-11 UNS
70C-H	3/4	3/4"-10 UNS
80C-H	1	1"-8 UNS



Blackburn® DS Driving Studs

Drive home threaded coupling connections.

Features	Benefits/Descriptions
Universal Application	Use with all standard threaded couplings.
Standards Compliant  	UL Listed and CSA Certified.


Blackburn® DS Driving Studs

CAT. NO.	Size (in.) (Nominal Diameter)	Thread Size
50DS-H	1/2	1/2"-13 UNS
50LDS-H	1/2 L	9/16"-12 UNS
60DS-H	5/8	5/8"-11 UNS
70DS-H	3/4	3/4"-10 UNS
80-DS-H	1	1"-8 UNS



Blackburn® Threadless Couplings and Driving Cap

Perfect for non-threaded ground rods.

Features	Benefits/Descriptions
Coupling is Made of Copper Alloy	Offers high-strength and corrosion resistance.
Cap is Made of Hardened Steel	Provides the high-strength driving needed to ensure a proper coupling fit.
Standards Compliant 	UL Listed.

Threadless Couplings and Driving Cap

CAT. NO.	Description	Dimensions (in.)	
		Length	Diameter
50LCNT-H	1/2" L Threadless Coupling	3.0	0.78
60CNT2-H	5/8" Threadless Coupling	2.5	0.69
70CNT-H	3/4" Threadless Coupling	3.0	0.97
60DSNT-H	5/8" Threadless Driving Cap	4.0	0.88



60CNT2-H

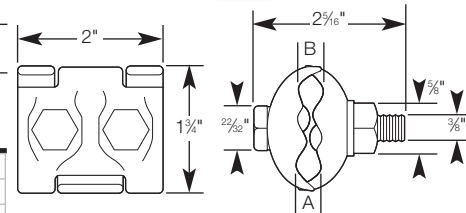
Blackburn® PC™ Two-Bolt Parallel Groove Clamp

Clamp down and tighten up.

Features	Benefits/Descriptions
Square-Shank Bolts	Prevent turning while tightening.
Contour of Casing	Enables you to use a socket wrench – no special tools required.
Large Contact Area	Increases conductance.



PC250



PC™ Two-Bolt Parallel Groove Clamp

CAT. NO.	Conductor Range AWG or kcmil				Conductor Diameter (in.)			
	Main		Tap		A		B	
	max.	min.	max.	min.	max.	min.	max.	min.
PC250	250 str.	#4 sol.	250 str.	#4 sol.	0.575	0.204	0.575	0.204

NOTE: Not recommended for aluminum conductor.

Ground Girdle System

Solid copper girdle features captive high-pressure connectors and is easy to install.

Features	Benefits/Descriptions
Inexpensive	Less expensive than pole butt wrapping.
Adaptable	Use for multiple grounding.



GG 144 E 1/0

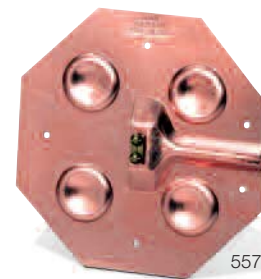
Ground Girdle System

CAT. NO.	Dimensions (in.)		Area (sq. in.)	Gauge	Wire Range
	Width	Length			
GG 144 E 1/0	7-1/2	19-1/4	144.4	0.062	1/0-#4
GG 288 E 2	7-1/2	38-1/2	288		#2 str.-#6 sol.
GG 288 E 3 V1	7-1/2	38-1/2	288		#2 sol.-#6 sol.

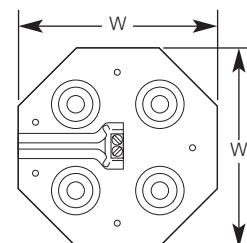
Pole Butt Grounding Plate

Put a load on this solid copper plate – it accommodates up to #2 AWG ground wire.

Features	Benefits/Descriptions
An Economical Means of Grounding Systems or Equipment	Provides material and time savings over wrapping butt with copper wire.
Has Four Moisture-Retaining Cups Embossed on a Solid Copper Plate	Combine with the weight and natural vibration of the pole to maintain a better ground.
RUS Accepted	Approved by the federal government for utility use.



5575



PC™ Two-Bolt Parallel Groove Clamp

CAT. NO.	Width (in.)
5575	7-1/2

GROUND PLATES

Blackburn® GP™ Copper Pole Bottom Ground Plates for Multigrounded Neutral Construction

Ground more efficiently with these plates.

Features	Benefits/Descriptions
Two Types of Ground Leads	Models with a built-in pressure connector or with a #6 AWG copper pigtail pre-attached.
RUS Accepted	Approved by the Federal government for utility use.

GP™ Copper Pole Bottom Ground Plates

CAT. NO.	Pigtail Wire Range		Min. (mm ²)	Max. (mm ²)	Diameter of Plate	
	min.	max.			(in.)	(mm)
GP100	#8	#2 sol.	6.3	25.6	7-1/2	191
GP110	#8	#2 sol.	6.3	25.6	10	254
GP114	#8	#2 sol.	6.3	25.6	14	356
GP1003	#6 sol. copper pigtail with 12" conductor		—	—	7-1/2	191
GP1008	#6 sol. copper pigtail with 96" conductor		—	—	7-1/2	191
GP1108	#6 sol. copper pigtail with 96" conductor		—	—	10	254



GP Copper Plate

Grounding Products

Blackburn® PB™ Copper Pole Ground Plates

Provide low-resistance neutral ground.

Features	Benefits/Descriptions
PBGW has a Silicon-Bronze Nut, Lockwasher	Alloy is corrosion-resistant, and nut and washer provide a secure fit to the pole.
PBH has a Riveted, All-Copper Terminal Lug	Provides the means of connection to the grounding connector.

PB™ Copper Pole Ground Plates

CAT. NO.	Wire Range		Finished Size	Surface Area sq. in.
	max.	min.		
PBGW	2/0 str.	#10 sol.	7 x 7-5/8	56
PBH	#4 str.	#14 sol.	7 x 7-3/8	56



PB Copper Plate

Blackburn® Bronze Jumper Clamp

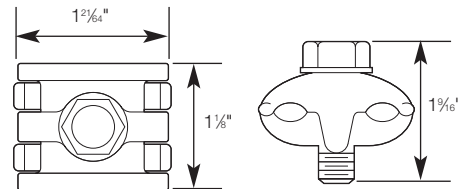
Make connections between aluminum or galvanized steel and copper or copper-bonded steel wires.



Features	Benefits/Descriptions
Includes Silicon-Bronze Bolt and Lockwasher	Minimize loosening after clamp is installed.
Parallel Groove Design	No need to remove bolt for installation.

Blackburn® Bronze Jumper Clamp

CAT. NO.	Max. Plated Groove	Min. Plated Groove	Max. Unplated Groove	Min. Unplated Groove
K1	1/0 ACSR, #2 SCG amerductor, 7/16 galv. strand	#6 ACSR, #12 SCG amerductor, #8 solid iron	2/0 str. copper, 7/16 Copperweld, 2A Copperweld	#8 solid copper, 9-1/2 D, Copperweld etc.



Grounding Products

Blackburn® TTC™ Transformer Tank Ground Connectors

Fit on all standard EEI-NEMA distribution transformers.

Features	Benefits/Descriptions
Versatile Single-Stud Thread Size	The 1/2"–13" stud installs on grounding conductors from #8 through 2/0 stranded.
Eyebolt on TTC2 Rotates	Accommodates cable in either vertical or horizontal direction.

Blackburn® TTC™ Transformer Tank Ground Connectors

CAT. NO.	Conductor Range				Stud Thread Size UNC-2A	Dimensions (in.)		
	max.	min.	max. (mm²)	min. (mm²)		Height	Width	Length
TTC2	2/0 str.	#8 sol.	67.4	8.3	1/2"–13"	1-51/64	1-9/64	1-21/32
TTC3	#1 str.	#10 sol.	42.4	5.2	1/2"–13"	1-3/8	1-3/64	1-9/16
TTC4	#1 str.	#10 sol.	42.4	5.2	1/2"–13"	1-1/4	3/8	1-3/8
TTC2P	2/0 str.	#8 sol.	67.4	8.3	1/2"–13"	1-51/64	1-9/64	12-21/32
TTC3P	#1 str.	#10 sol.	42.4	5.2	1/2"–13"	1-3/8	1-3/64	1-9/16
TTC4P	#1 str.	#10 sol.	42.4	5.2	1/2"–13"	1-1/4	7/8	1-3/8

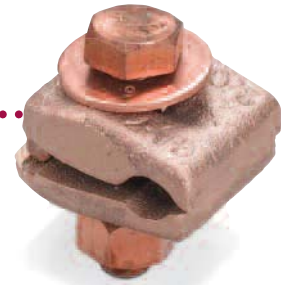


TTC

GROUNDING CONNECTORS

Bronze Ground Connectors for Copper — Type 2709™ T Series

Ground connectors for conductors ranging from #8 AWG to 1000 kcmil.



Features	Benefits/Descriptions
Provide an Electrical Path to Ground	Protects your valuable equipment.
Made of High-Strength Bronze	Durable and corrosion-resistant.

2709™ T-1 Series – Ground Connector to Flat

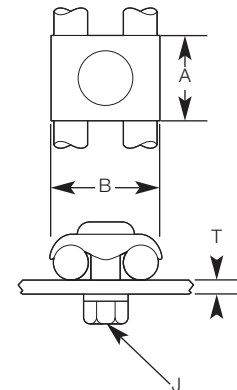
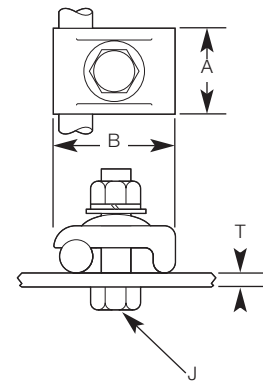
CAT. NO.	Conductor Range	Dimensions (in.)		
		J	A	B
2709 T-1-4	#8–#4	3/8	1-1/4	1-1/4
2709 T-1-2/0	#4–2/0	3/8	1-1/4	1-3/8
2709 T-1-25	2/0–250	3/8	1-1/2	1-1/2
2709 T-1-50	300–550	1/2	1-1/2	2-7/8
2709 T-1-75	550–750	1/2	1-1/2	2-1/8
2709 T-1-100	800–1000	5/8	1-3/4	2-1/2

NOTE: Bolt supplied for "T" is for top only and is 1/4". Specify other "T" if required.

2709™ T-2 Series – (2) Ground Connector to Flat

CAT. NO.	Conductor Range	Dimensions (in.)		
		J	A	B
2709 T-2-4	#8–#4	3/8	1-1/2	1-1/4
2709 T-2-2/0	#4–2/0	3/8	1-1/2	1-1/2
2709 T-2-25	2/0–250	1/2	1-1/2	2
2709 T-2-50	300–550	1/2	2	2-1/2
2709 T-2-75	550–750	1/2	2	2-3/4
2709 T-2-100	800–1000	5/8	2	3-1/8

NOTE: Bolt supplied for "T" is for top only and is 1/4". Specify other "T" if required.



Grounding Products

Blackburn® Metallic Gradient Control Mats

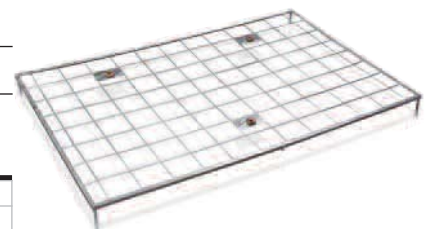
Reduce the risk of electrocution from high-voltage equipment.

Features	Benefits/Descriptions
Model 64660 Includes Silicon-Bronze Connector, Bolt, Nut and Lockwasher	Minimize loosening after installation.
Standards Compliant	Meets specifications of CEC Rule 36-308.

Metallic Gradient Control Mats

CAT. NO.	Description	Wt./100	
		lb.	kg
64663	Mat with Connectors	3000	1363
64660	Mat without Connectors	2900	1318

NOTE: Mats measure 4' x 6'. They are made from 6" x 6" welded mesh, 1/4" in diameter.



Blackburn®

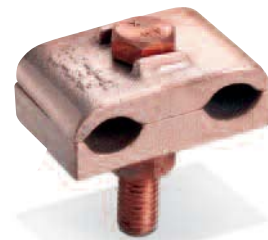
Thomas&Betts

Bronze Ground Connectors for Copper — Type 2709™ and 2710™ Series

One- or two-bolt protection for your components.

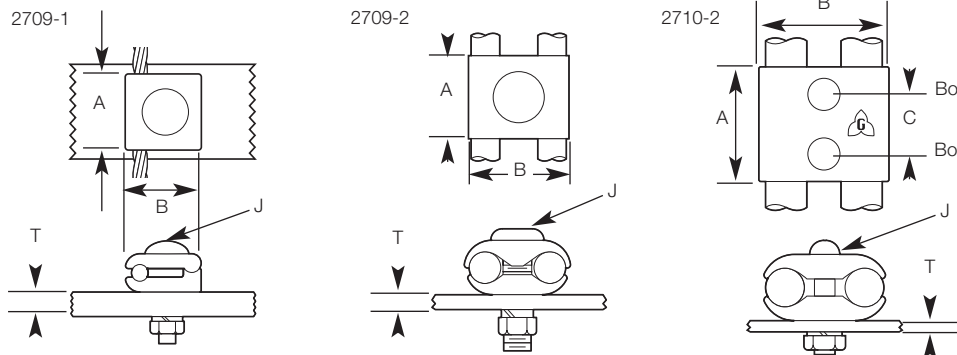


2709-1-25



2709-2-50

Features	Benefits/Descriptions
Provide an Electrical Path to Ground	Protects your valuable equipment.
Made of High-Strength Bronze	Durable and corrosion-resistant.



2709-1 Series – Ground Connector to Flat

CAT. NO.	Conductor Range	Dimensions (in.)		
		J	A	B
2709-1-4	#8-#4	3/8	1-1/4	1-1/4
2709-1-2/0	#4-2/0	3/8	1-1/4	1-3/8
2709-1-25	2/0-250	1/2	1-1/2	1-1/2
2709-1-50	300-550	1/2	1-1/2	1-7/8
2709-1-75	550-750	1/2	1-1/2	2-1/8
2709-1-100	800-1000	5/8	1-3/4	1-3/4

NOTE: Bolt supplied for "T" is for top and bottom and is 1/4". Specify other "T" if required.

2709-2 Series – (2) Ground Connector to Flat

CAT. NO.	Conductor Range	Dimensions (in.)		
		J	A	B
2709-2-4	#8-#4	3/8	1-1/2	1-1/4
2709-2-2/0	#4-2/0	3/8	1-1/2	1-1/2
2709-2-25	2/0-250	3/8	1-1/2	2
2709-2-50	300-550	1/2	2	2-1/2
2709-2-75	550-750	1/2	2	2-3/4
2709-2-100	800-1000	5/8	2	3-1/8

2710-2 Series – (2) Ground Connector to Flat

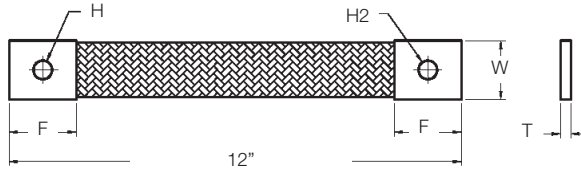
CAT. NO.	Conductor Range	Dimensions (in.)			
		J	A	B	C
2710-2-4	#8-#4	3/8	2-1/4	1-1/4	1-1/8
2710-2-2/0	#4-2/0	3/8	2-1/4	1-1/2	1-1/8
2710-2-25	2/0-250	1/2	2-1/4	2	1-1/8
2710-2-50	300-550	1/2	3	2-1/2	1-1/2
2710-2-75	550-750	1/2	3	2-3/4	1-1/2
2710-2-100	800-1000	5/8	3-3/4	3-1/8	1-3/4

NOTE: Bolt supplied for "T" is for top and bottom and is 1/4". Specify other "T" if required.

1-Hole NEMA Extra-Flexible Jumpers —FBE1H™ Series

Connect transformers, generators or busbars wherever there is severe vibration or misalignment.

Features	Benefits/Descriptions
36 AWG Individual Wires in Braid Construction	Enable extra flexibility.
99.9% Pure Copper Ferrules on Each End	Provide high conductivity.
Individual Wires are Tinned Prior to Weaving	Deliver maximum protection from corrosion.



Grounding Products

FBE1H™ Series

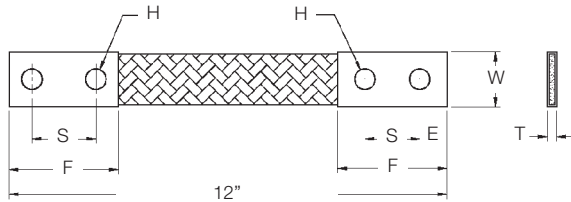
CAT. NO.	Ampacity 65°C* Δ	No. of Braids in Assembly	Dimensions in. (mm)					Weight lb. (kg)
			W	F	H	H2	T	
FBE1H035A1	350	1	1-1/2 (38.1)	1-1/2 (38.1)	9/16 (14.3)	9/16 (14.3)	3/16 (4.7)	0.49 (0.22)
FBE1H035A2					9/16 (14.3)	7/16 (11.1)		
FBE1H035A3					7/16 (11.1)	7/16 (11.1)		
FBE1H050A1	500	2	1-1/2 (38.1)	1-1/2 (38.1)	9/16 (14.3)	9/16 (14.3)	1/4 (6.4)	0.84 (0.38)
FBE1H050A2					9/16 (14.3)	7/16 (11.1)		
FBE1H050A3					7/16 (11.1)	7/16 (11.1)		
FBE1H070A1	700	4	1-1/2 (38.1)	1-1/2 (38.1)	9/16 (14.3)	9/16 (14.3)	3/8 (9.5)	1.54 (0.70)
FBE1H070A2					9/16 (14.3)	7/16 (11.1)		
FBE1H070A3					7/16 (11.1)	7/16 (11.1)		
FBE1H100A1	1000	6	1-9/16 (39.6)	1-9/16 (39.6)	9/16 (14.3)	9/16 (14.3)	1/2 (12.7)	2.31 (1.05)
FBE1H100A2					9/16 (14.3)	7/16 (11.1)		
FBE1H100A3					7/16 (11.1)	7/16 (11.1)		

* Temperature rise test per CEI60694, IEEE/ANSI C37.34-1994.
Standard total lengths are 12". For different lengths, add your desired length to the end of the catalogue number (e.g., FBE1H035A1-16 for 16" long).
Ferrules are tinned. For other options, please consult your Thomas & Betts representative.

2-Hole NEMA Extra-Flexible Jumpers — FBE2H™ Series

Connect your equipment in high-vibration areas.

Features	Benefits/Descriptions
36 AWG Individual Wires in Braid Construction	Enable extra flexibility.
99.9% Pure Copper Ferrules on Each End	Provide high conductivity.
Individual Wires are Tinned Prior to Weaving	Deliver maximum protection from corrosion.



Grounding Products

FBE2H™ Series

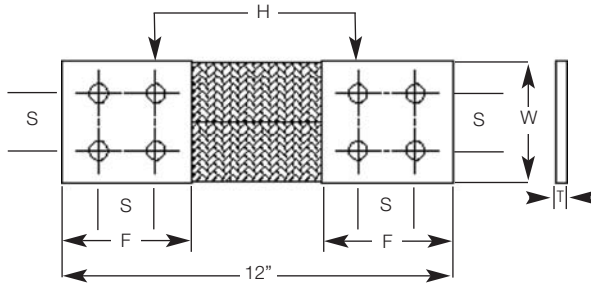
CAT. NO.	Ampacity 65°C* Δ	No. of Braids in Assembly	Dimensions in. (mm)					Weight lb. (kg)	
			W	F	E	S	H		T
FBE2H040A1	400	1	1-1/2 (38.1)					3/16 (4.7)	0.63 (0.286)
FBE2H070A1	700	2	1-1/2 (38.1)					1/4 (6.4)	0.97 (0.440)
FBE2H090A1	900	3	1-1/2 (38.1)					11/32 (8.7)	1.30 (0.590)
FBE2H110A1	1100	4	1-1/2 (38.1)	1-1/2 (38.1)	5/8 (15.9)	1-3/4 (44.4)	9/16 (14.3)	3/8 (9.5)	1.66 (0.753)
FBE2H150A1	1500	6	1-1/2 (38.1)					1/2 (12.7)	2.26 (1.025)
FBE2H170A1	1700	9	1-9/16 (39.6)					3/4 (19)	3.71 (1.683)
FBE2H200A1	2000	13	1-9/16 (39.6)					1 (25.4)	5.21 (2.363)

* Temperature rise test per CEI60694, IEEE/ANSI C37.34-1994.
Standard total lengths are 12". For different lengths, add your desired length to the end of the catalogue number (e.g., FBE2H040A1-16 for 16" long).
Ferrules are tinned. For other options, please consult your Thomas & Betts representative.

4-Hole NEMA Extra-Flexible Jumpers — FBE4H™ Series

Misalignments? Now you can properly connect your equipment.

Features	Benefits/Descriptions
36 AWG Individual Wires in Braid Construction	Enable extra flexibility.
99.9% Pure Copper Ferrules on Each End	Provide high conductivity.
Individual Wires are Tinned Prior to Weaving	Deliver maximum protection from corrosion.



Grounding Products

FBE4H™ Series

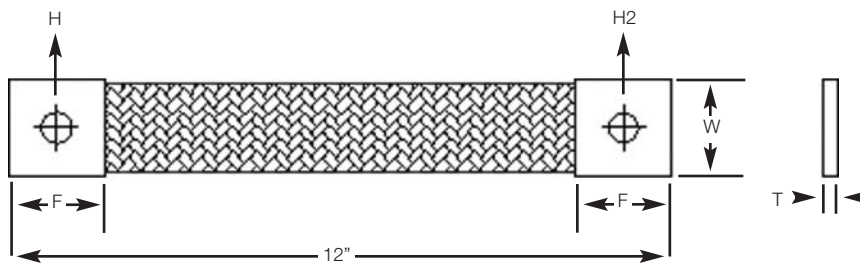
CAT. NO.	Ampacity 65°C* Δ	No. of Braids in Assembly	Dimensions in. (mm)					Weight lb. (kg)
			W	F	S	H	T	
FBE4H140A1	1400	4	3 (76.2)	3 (76.2)	1-3/4 (44)	9/16 (14.3)	1/4 (6.4)	1.91 (0.866)
FBE4H150A1	1500	6	3 (76.2)	3 (76.2)			11/32 (8.7)	2.57 (1.166)
FBE4H235A1	2350	8	3-3/4 (95.3)	4 (101.6)			3/8 (9.5)	4.00 (1.814)
FBE4H245A1	2450	12	3-3/4 (95.3)	4 (101.6)			1/2 (12.7)	5.32 (2.413)
FBE4H250A1	2500	16	3-5/8 (92.1)	4 (101.6)			5/8 (15.9)	6.60 (2.994)
FBE4H340A1	3400	30	4 (101.6)	4 (101.6)			7/8 (22.2)	11.36 (5.153)
FBE4H400A1	4000	40	4 (101.6)	4 (101.6)			1-1/8 (28.6)	15.57 (7.062)

* Temperature rise test per CEI60694, IEEE/ANSI C37.34-1994.
Standard total lengths are 12". For different lengths, add your desired length to the end of the catalogue number (e.g., FBE4H140A1-16 for 16" long).
Ferrules are tinned. For other options, please consult your Thomas & Betts representative.

1-Hole NEMA Flexible Jumpers —FBS1H™ Series

Get the flexibility you need to connect transformers, generators or busbars.

Features	Benefits/Descriptions
36 AWG Individual Wires in Braid Construction	Enable extra flexibility.
99.9% Pure Copper Ferrules on Each End	Provide high conductivity.
Individual Wires are Tinned Prior to Weaving	Deliver maximum protection from corrosion.



FBS1H™ Series

CAT. NO.	Ampacity 65°C*	Dimensions in. (mm)					Weight lb. (kg)
		W	F	H	H2	T	
FBS1H035A1	350	1-1/4 (31.8)	1-1/2 (38.1)	9/16 (14.3)	9/16 (14.3)	1/4 (6.4)	0.48 (0.218)
FBS1H035A2		1-1/4 (31.8)	1-1/2 (38.1)	9/16 (14.3)	7/16 (11.1)		
FBS1H035A3		1-1/4 (31.8)	1-1/2 (38.1)	7/16 (11.1)	7/16 (11.1)		
FBS1H050A1	500	1-3/8 (34.9)	1-1/2 (38.1)	9/16 (14.3)	9/16 (14.3)	7/32 (5.6)	0.63 (0.286)
FBS1H050A2		1-3/8 (34.9)	1-1/2 (38.1)	9/16 (14.3)	7/16 (11.1)		
FBS1H050A3		1-3/8 (34.9)	1-1/2 (38.1)	7/16 (11.1)	7/16 (11.1)		
FBS1H070A1	700	1-1/2 (38.1)	1-1/2 (38.1)	9/16 (14.3)	9/16 (14.3)	1/4 (6.4)	0.95 (0.431)
FBS1H070A2		1-1/2 (38.1)	1-1/2 (38.1)	9/16 (14.3)	7/16 (11.1)		
FBS1H070A3		1-1/2 (38.1)	1-1/2 (38.1)	9/16 (14.3)	7/16 (11.1)		
FBS1H070A4		2 (50.8)	2 (50.8)	7/16 (11.1)	7/16 (11.1)		
FBS1H100A1	1000	1-3/4 (44.4)	2 (50.8)	9/16 (14.3)	9/16 (14.3)	1/2 (12.7)	1.23 (0.558)
FBS1H100A2		1-3/4 (44.4)	2 (50.8)	9/16 (14.3)	7/16 (11.1)		
FBS1H100A3		1-3/4 (44.4)	2 (50.8)	7/16 (11.1)	7/16 (11.1)		

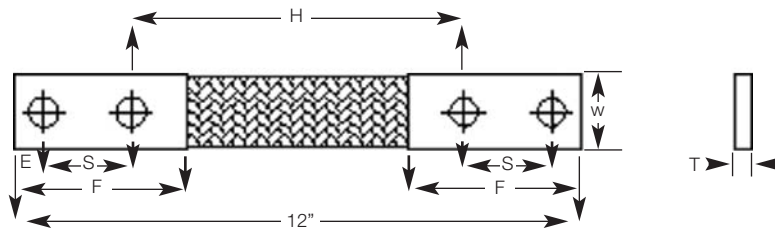
* Temperature rise test per CEI60694, IEEE/ANSI C37.34-1994.
Standard total lengths are 12". For different lengths, add your desired length to the end of the catalogue number (e.g., FBS1H035A1-16 for 16" long).
Ferrules are tinned. For other options, please consult your Thomas & Betts representative.



2-Hole NEMA Flexible Jumpers — FBS2H™ Series

These 2-hole jumpers make connections wherever is severe vibration.

Features	Benefits/Descriptions
36 AWG Individual Wires in Braid Construction	Enable extra flexibility.
99.9% Pure Copper Ferrules on Each End	Provide high conductivity.
Individual Wires are Tinned Prior to Weaving	Deliver maximum protection from corrosion.



FBS2H™ Series

CAT. NO.	Ampacity 65°C* Δ	No. of Braids in Assembly	Dimensions in. (mm)					Weight lb. (kg)	
			W	F	E	S	H		
FBS2H040A1	400	1	1-1/2 (38.1)					3/16 (4.7)	0.63 (0.286)
FBS2H070A1	700	2	1-1/2 (38.1)					1/4 (6.4)	0.98 (0.445)
FBS2H090A1	900	3	1-1/2 (38.1)					11/32 (8.7)	1.31 (0.594)
FBS2H110A1	1100	4	1-1/2 (38.1)	3-1/2 (88.9)	5/8 (15.9)	1-3/4 (44.4)	9/16 (14.3)	3/8 (9.5)	1.67 (0.757)
FBS2H150A1	1500	6	1-1/2 (38.1)					1/2 (12.7)	2.29 (1.039)
FBS2H170A1	1700	9	1-9/16 (39.6)					3/4 (19)	3.76 (1.706)
FBS2H200A1	2000	13	1-9/16 (39.6)					1 (25.4)	5.26 (2.386)

* Temperature rise test per CEI60694, IEEE/ANSI C37.34-1994.

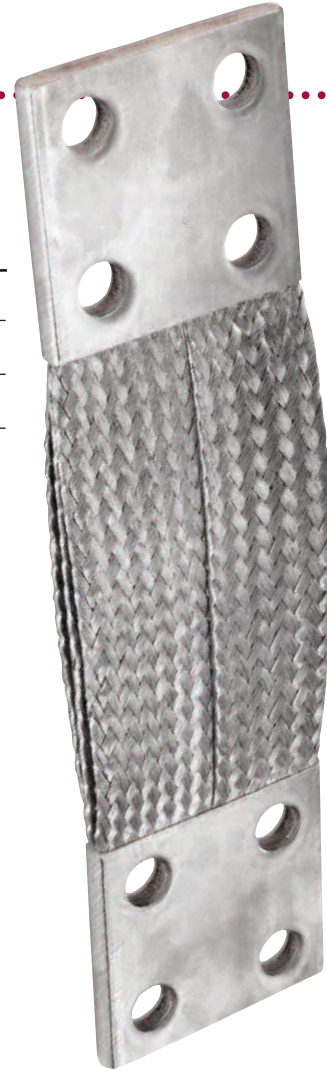
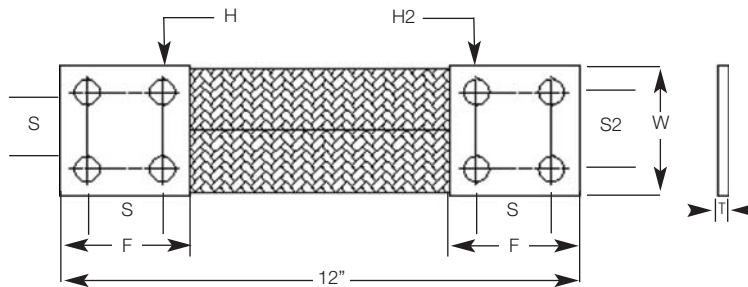
Standard total lengths are 12". For different lengths, add your desired length to the end of the catalogue number (e.g., FBS2H040A1-16 for 16" long). Ferrules are tinned. For other options, please consult your Thomas & Betts representative.



4-Hole NEMA Flexible Jumpers — FBS4H™ Series

Make the most secure connections wherever there is severe vibration or misalignment.

Features	Benefits/Descriptions
36 AWG Individual Wires in Braid Construction	Enable extra flexibility.
99.9% Pure Copper Ferrules on Each End	Provide high conductivity.
Individual Wires are Tinned Prior to Weaving	Deliver maximum protection from corrosion.



FBS4H™ Series

CAT. NO.	Ampacity 65°C* Δ	Dimensions in. (mm)							Weight lb. (kg)
		W	F	S	H	S2	H2	T	
FBS4H130A1	1300	3 (76.2)	3 (76.2)	1-3/4 (44.4)	9/16 (14.3)	1-3/4 (44.4)	9/16 (14.3)	1/4 (6.4)	1.93 (0.875)
FBS4H130A2				1-3/4 (44.4)	9/16 (14.3)	1-1/2 (38.1)	7/16 (11.1)		
FBS4H130A3				1-1/2 (38.1)	7/16 (11.1)	1-1/2 (38.1)	7/16 (11.1)		
FBS4H150A1	1500			1-3/4 (44.4)	9/16 (14.3)	1-3/4 (44.4)	9/16 (14.3)	5/16 (7.9)	2.62 (1.188)
FBS4H150A2				1-3/4 (44.4)	9/16 (14.3)	1-1/2 (38.1)	7/16 (11.1)		
FBS4H150A3				1-1/2 (38.1)	7/16 (11.1)	1-1/2 (38.1)	7/16 (11.1)		
FBS4H215A1	2150	1-3/4 (44.4)	9/16 (14.3)	1-3/4 (44.4)	9/16 (14.3)	3/8 (9.5)	3.31 (1.501)		
FBS4H215A2		1-3/4 (44.4)	9/16 (14.3)	1-1/2 (38.1)	7/16 (11.1)				
FBS4H215A3		1-1/2 (38.1)	7/16 (11.1)	1-1/2 (38.1)	7/16 (11.1)				
FBS4H235A1	2350	1-3/4 (44.4)	9/16 (14.3)	1-3/4 (44.4)	9/16 (14.3)	1/2 (12.7)	4.69 (2.127)		
FBS4H235A2		1-3/4 (44.4)	9/16 (14.3)	1-1/2 (38.1)	7/16 (11.1)				
FBS4H235A3		1-1/2 (38.1)	7/16 (11.1)	1-1/2 (38.1)	7/16 (11.1)				

* Temperature rise test per CEI60694, IEEE/ANSI C37.34-1994.
Standard total lengths are 12". For different lengths, add your desired length to the end of the catalogue number (e.g., FBS4H130A1-16 for 16" long).
Ferrules are tinned. For other options, please consult your Thomas & Betts representative.

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