

**HOMAC**

**Blackburn**

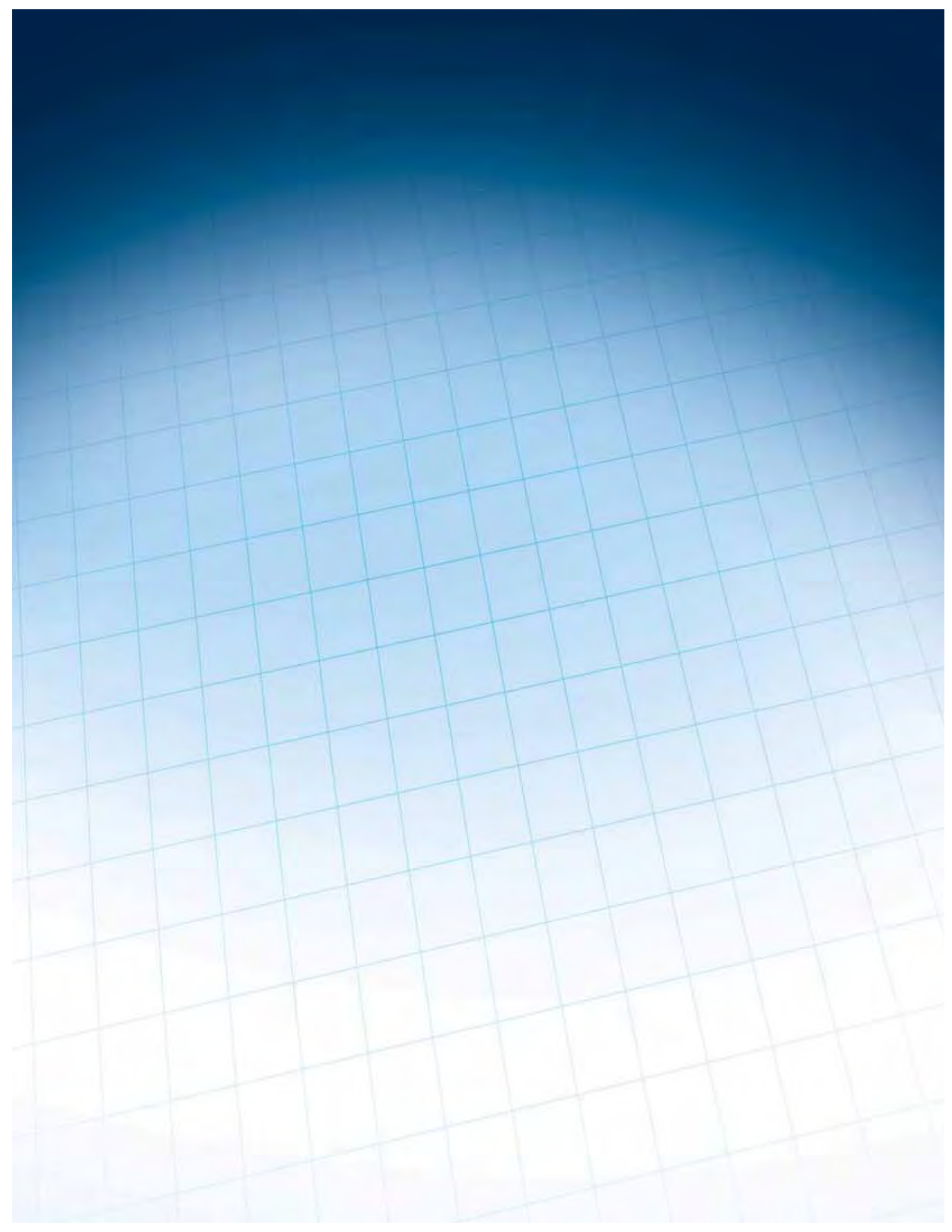
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SELECTION  
GUIDE**

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- Underground Distribution
- URD Multi-Port Bus Connectors & Covers
- Above-Ground Pedestal Connectors & Covers
- Padmount Transformer Connectors
- Overhead Connectors & Covers
- Overhead Wedge Connectors
- Tools
- Oxide Inhibitor, Silicone Grease & Wildlife Protectors
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**Thomas & Betts**

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# Blackburn®

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# Blackburn®

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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.

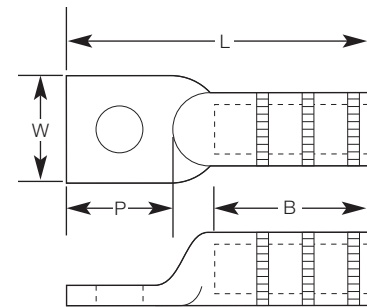
# Aluminum One-Hole NEMA Lugs

General-purpose lugs for aluminum and copper terminations.



AL 500-48

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



## Ordering Information for Aluminum One-Hole NEMA Lugs

CAT. NO.	Conductor Range				Bolt Size	Installing Dies	B	L	P	W
	Concentric	Compressed	Compact	ACSR						
AL 6-14	#6	—	—	—	¼	TP, 29, 161, ¼ <sub>6</sub>	¾	2½ <sub>2</sub>	¾	¾ <sub>6</sub>
AL 4-516	#4	—	—	—	⅝	TB, 37, 375, 162	1⅝	2¼	3½ <sub>2</sub>	¾
AL 4-14		—	—	—	¼	TB, 37, 375, 162	1⅝	2¼	3½ <sub>2</sub>	¾
AL 2-14	#2	—	—	—	¼	TQ, 45, 348, 163, ½, 6A	5⁹⁄ <sub>64</sub>	2⅝	1½ <sub>2</sub>	¾
AL 2-38		—	—	—	—	⅝	TQ, 45, 348, 163, ½, 6A	5⁹⁄ <sub>64</sub>	2⅝	1½ <sub>2</sub>
AL 1-38	#1	—	—	—	¾	TQ, 45, 348, 163, ½, 6A	5⁹⁄ <sub>64</sub>	2⅝	1½ <sub>2</sub>	¾
AL 1/0-38		—	—	—	—	¾	TU, 52, BG, 243, ¾	1¾	3⅝	1½ <sub>6</sub>
AL 1/0-48	1/0	—	—	—	½	TU, 52, BG, 243, ¾	1¾	3⅝	1½ <sub>6</sub>	¾
AL 2/0-38	2/0	—	—	—	¾	TW-TY, 58, 297, ⅝-1	1⅝	3⅝	1½ <sub>2</sub>	1⅝ <sub>6</sub>
AL 2/0-48		—	—	—	—	½	TW-TY, 58, 297, ⅝-1	1⅝	3⅝	1½ <sub>2</sub>
AL 3/0-38	3/0	—	—	—	¾	737, 467	1¾	3⅝	1½ <sub>6</sub>	1¾ <sub>6</sub>
AL 3/0-48		—	—	—	—	½	737, 467	1¾	3⅝	1½ <sub>6</sub>
AL 4/0-38	4/0	—	—	—	¾	TX, 71H, 298, 840, 11A	1¾	3⅝	1½ <sub>2</sub>	1¾ <sub>6</sub>
AL 4/0-48		—	—	—	—	½	TX, 71H, 298, 840, 11A	1¾	3⅝	1½ <sub>2</sub>
AL 250-48	250, 4/0	—	—	4/0	½	TX, 76, 249, 840, 11A	1¾	3⅝	1½ <sub>6</sub>	1½ <sub>4</sub>
AL 300-48	300, 266.8	—	350	266.8 (18/1)	½	TH, 87H, 251, 470, 1, 12A	2⅝	4	1½ <sub>6</sub>	1¾
AL 350-48	350, 336.4	—	400	266.8 (26/7), 336.4 (18/1)	½	96, 299, 655, 1⅝-1, 13A	2⅝	4¼	1½ <sub>6</sub>	1½
AL 400-48	400, 397.5	—	—	336.4 (26/7), 397.5 (18/1)	½	96, 299, 655, 1⅝-1, 13A	2½	4⅝	1¼	1¾
AL 400-58		—	—	336.4 (26/7), 397.5 (18/1)	¾	96, 299, 655, 1⅝-1, 13A	2½	4⅝	1¼	1¾
AL 500-48	500, 477	—	600	379.5 (26/7), 477 (18/1)	½	106A, 300, 317, 1⅝, 14A	3	5⅝	1½	1¾
AL 500-58		—	600	379.5 (26/7), 477 (18/1)	¾	106A, 300, 317, 1⅝, 14A	3	5⅝	1½	1¾
AL 600-48	600, 550	—	—	477 (26/7), 556.5 (18/1)	½	1⅝, 115H, 786, 936, 473	3	5½ <sub>2</sub>	1½ <sub>6</sub>	1⅝ <sub>6</sub>
AL 600-58		—	—	477 (26/7), 556.5 (18/1)	¾	1⅝, 115H, 786, 936, 473	3	5½ <sub>2</sub>	1½ <sub>6</sub>	1⅝ <sub>6</sub>
AL 750-48	750, 700	—	—	636 (26/7)	½	140H, 301, 342, 1½	3⅝	6⅝	1¾	1¾
AL 750-58		—	—	636 (26/7)	¾	140H, 301, 342, 1½	3⅝	6⅝	1¾	1¾
AL 800-48	800	—	—	—	½	1⅝, 474, 140H	3⅝	6⅝	2½ <sub>2</sub>	1¾
AL 800-58		—	—	—	¾	1⅝, 474, 140H	3⅝	6⅝	2½ <sub>2</sub>	1¾
AL 1000-48	1000, 954	—	—	795 (26/7), 954 (45/7)	½	161, 292, 302, 319, 1¾	4⅝	7⅝	1¾	2⅝
AL 1000-58		—	—	795 (26/7), 954 (45/7)	¾	161, 292, 302, 319, 1¾	4⅝	7⅝	1¾	2⅝

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

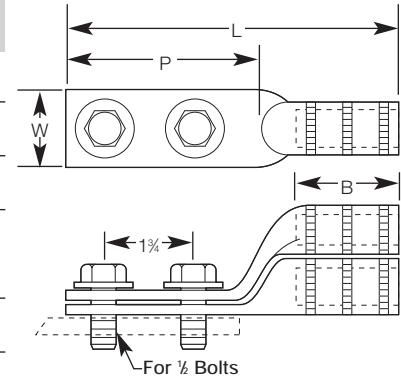


# Aluminum Two-Hole NEMA Lugs

General-purpose lugs for aluminum and copper terminations.



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



## Ordering Information for Aluminum Two-Hole NEMA Lugs

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

\* Trimmed to 1 1/8" maximum to fit side by side on NEMA spades.

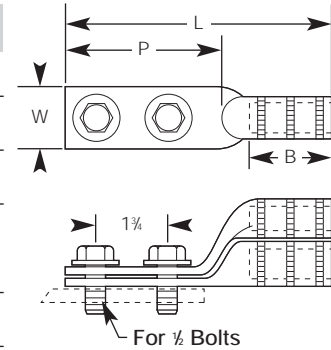
NOTE: For tin plating, add "TN" suffix to the catalog number. All tin-plated lugs are UL Listed through 2000 kcmil.  
For straight lugs with tapered ends used in high-voltage applications, please consult your Thomas & Betts representative.

# Aluminum Tin-Plated Two-Hole NEMA Lugs

General-purpose lugs for aluminum and copper terminations.



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



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

Straight Lug CAT. NO.	Stacking Lug CAT. NO.	Conductor Range			ACSR	Solid	Installing Dies	B	L	P	W
		Concentric	Compressed	Compact							
SA 6 NTN	ASL 6 NTN	#6	#6	#6, #4	#6	#4	TU, 52, BG, 243, 3/8, CSA 22	1 1/2	5 1/2	3 3/8	7/8
SA 4 NTN	ASL 4 NTN	#4	#4	—	#4	#2	TU, 52, BG, 243, 3/8, CSA 22	1 1/2	5 1/2	3 3/8	7/8
SA 2 NTN	SAL 2 NTN	#2-#1	#1	#1	#2	1/0	TU, 52, BG, 243, 3/8, CSA 22	1 1/2	5 3/8	3 3/4	1
AL 1/0 NTN*	ASL 1/0 NTN*	1/0	—	2/0	1/0	2/0	TU, 52, BG, 243, 3/8	1 1/2	5 1/2	3 3/8	7/8
AL 2/0 NTN*	ASL 2/0 NTN*	2/0	—	—	—	—	TW-TY, 58, 297, 3/8-1	1 1/2	5 1/2	3 3/8	1 1/8
AL 3/0 NTN*	ASL 3/0 NTN*	3/0	—	—	—	—	TV, 66, 167, 467, 10A	1 7/8	5 1/2	3 3/4	1 1/8
AL 4/0 NTN*	ASL 4/0 NTN*	4/0	—	—	—	—	TX, 71H, 298, 840, 11A	1 15/16	6	3 11/16	1 15/16
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 11/16	1 15/16
AL 300 NTN*	ASL 300 NTN*	300, 266.8	—	350	266.8 (18/1)	—	TH, 87H, 251, 470, 1, 12A	2 1/8	6 3/8	3 3/8	1 11/16
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 1/8	6 3/8	3 11/16	1 1/4
AL 336 NSCTN	—	397.5-400	—	—	336.4 (26/7), 397.5 (18/1)	—	1 1/4, 99H, 317, 20AH	4 3/8	9	3 11/16	1 2 1/2
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 1/8	7 3/8	3 3/8	1 1/4
AL 500 NTN*	ASL 500 NTN*	500, 477	—	500-600	397.5 (26/7), 477 (18/1)	—	106A, 300, 317, 1 1/8, 14A, 15A	2 5/8	8 1/4	3 3/8	1 1/4
AL 500 N 608 TN	—	500, 477	—	600	397.5 (26/7), 477 (18/1)	—	608	3 1/8	8 1/4	3 3/8	1 1/4
AL 600 NTN*	ASL 600 NTN*	600, 550	—	—	477 (26/7), 556.5 (18/1)	—	1 1/8, 115H, 786, 936, 473	2 5/8	7 3/4	3 3/8	1 1/4
AL 700 N 608 TN	—	700, 600	—	700-795	—	—	125H, 608	3 3/8	7 3/8	3 3/8	1 1/4
AL 750 NTN*	ASL 750 NTN*	750, 700	—	—	636 (26/7)	—	140H, 301, 342, 1 1/2	3 3/8	8 1/4	3 3/8	1 1/4
AL 750 N 608*	ASL 750 N 608*	750, 700	—	—	636 (26/7)	—	125H, 608	3 3/8	8 1/4	3 3/8	1 1/4
AL 800 NTN*	ASL 800 NTN*	800, 795	—	—	663 (30/19), 715.5 (54/7)	—	140H, 474, 342, 724, 1 1/2	3 11/16	8 3/8	3 3/8	1 1/4
AL 800 N 608 TN	—	800, 700	—	—	636 (30/19), 715.5 (54/7)	—	608	3 3/8	8 1/4	3 3/8	1 1/4
AL 954 NMS	—	—	—	—	954 (54/7)	—	161, 292, 302, 319, 1 3/4	4 11/16	9 3/8	3 3/8	1 1/4
AL 1000 NTN*	ASL 1000 NTN*	1000, 954	—	—	795 (26/7, 30/19), 954 (45/7)	—	161, 292, 302, 319, 1 3/4	4 3/8	8 3/8	3 3/8	2 1/8
AL 1000 SSNTN	ASL 1000 SSNTN	1000	—	—	—	—	161, 292, 302, 319, 1 3/4	4 3/8	9 1/8	1 7/8	2 1/8
AL 1000 NMS	—	1000	—	—	—	—	161, 292, 302, 319, 1 3/4	4 11/16	9 3/8	3 3/8	1 1/4
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 3/8	2 2 1/2
AL 1750 NTN	ASL 1750 NTN	1750	—	—	—	—	214, 735, 225	5 1/2	10 3/8	3 3/8	3 13/16
AL 2000 NTN	ASL 2000 NTN	2000	—	—	—	—	479	6 1/8	11 15/16	3 3/8	3 13/16

\* UL Listed.

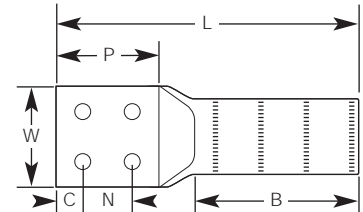
NOTE: For two-hole lugs without tin plating, see page 7.  
For straight lugs with tapered ends used in high-voltage applications, please consult your Thomas & Betts representative.

# Aluminum Four-Hole NEMA Lugs

General-purpose lugs for aluminum and copper terminations.



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



## Ordering Information for Aluminum Four-Hole NEMA Lugs

CAT. NO.	Concentric	ACSR	Installing Dies	B	N	C	W	P	L
AL 1000-4N	1000	—	161, 302, 292, 319, 1¾	4 <sup>5</sup> / <sub>16</sub>	1¾	¾	3	4	10
AL 14136 X	1033.5–1300	900–1113	161, 727, 352	7 <sup>11</sup> / <sub>16</sub>			3	4¼	13¾
AL 1033-4N	—	1033.5 (54/7)	34 AH	6 <sup>3</sup> / <sub>16</sub>			3 <sup>5</sup> / <sub>16</sub>	3 <sup>11</sup> / <sub>16</sub>	12¾
AL 1250-4N	1250	—	161, 727, 352	4 <sup>5</sup> / <sub>16</sub>			3	3 <sup>5</sup> / <sub>16</sub>	10
AL 1272-4N	1272	—	161, 727, 352, 579	6 <sup>1</sup> / <sub>16</sub>			3	3 <sup>5</sup> / <sub>16</sub>	11¼
AL 1590-4N	1590	1272 (45/7)	728, 38AH, 189	8 <sup>7</sup> / <sub>16</sub>		3	3 <sup>5</sup> / <sub>16</sub>	13½	
AL 1750-4N	1750	—	214, 735, 40AH, 225	6 <sup>11</sup> / <sub>16</sub>		¾	3½	3¾	12½
AL 2000-4N	1700–2000	1510.5–1590	214, 735, 40AH, 225	6 <sup>11</sup> / <sub>16</sub>			3½	3¾	12½
AL 2300-4N	2250–2300	2167 (72/7)	44AH	11¾			4	4½	18½
AL 2500-4N	2500	2156–2167	214	9 <sup>5</sup> / <sub>16</sub>		1 <sup>1</sup> / <sub>8</sub>	3½	4	15½

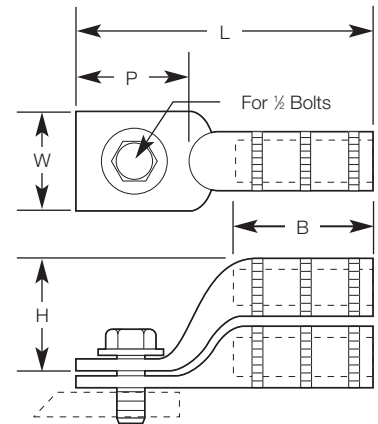
NOTE: For tin-plating option, add "-TN" suffix to the catalog number.

# Aluminum One-Hole NEMA Lugs — Common Die Series

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



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



## Ordering Information for Aluminum One-Hole NEMA Lugs

Straight Lugs CAT. NO.	Stacking Lugs CAT. NO.	Conductors — Al or Cu					Installing Dies	B	H	L	P	W
		Concentric	Compressed	Compact	Solid	ACSR						
SA 12-48	—	#12	—	—	#12	—	TU, 52, BG, 243, 5/8, CSA 22	23/32	—	27/16	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 3/8	1 5/16	7/8	
SA 386-48	—	#1	1/0	1/0	—	—						
SA 1/0-48	SASL 1/0-48	1/0	1/0	2/0	—	1/0						
SA 2/0-48	SASL 2/0-48	2/0	2/0	3/0	3/0	2/0 (6/1)						
SA 3/0-48	SASL 3/0-48	3/0	4/0	4/0	—	3/0						
SA 4/0-48	SASL 4/0-48	4/0, 250	4/0, 250	250, 300	—	4/0						
SA 300-48	—	300	300	350	—	266.8 (18/1)	1 5/8	1 3/4	3 1/2	1 1/2	1 1/2	
SA 350-48	—	336.4–350	350	400	—	266.8 (26/7), 336.4 (18/1)						
SA 400-48	—	336.4–400	400	500	—	336.4 (18/1), 397.5 (18/1)						
						96, 299, 655, 321, 316, 13A, 1 1/2-1, 472, CSA 28	1 1/2	—	3 3/8	1 1/2	1 1/4	

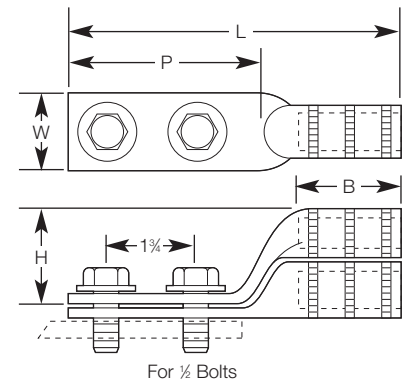
NOTE: For tin-plating option, add "-TN" suffix to the catalog number.  
To order a stud size not specified with a terminal lug on this page, change the last two digits from "48" (designating a 1/2" stud) to "38" (for a 3/8" stud).

# Aluminum Two-Hole NEMA Lugs — Common Die Series

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



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



## Ordering Information for Aluminum Two-Hole NEMA Lugs

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

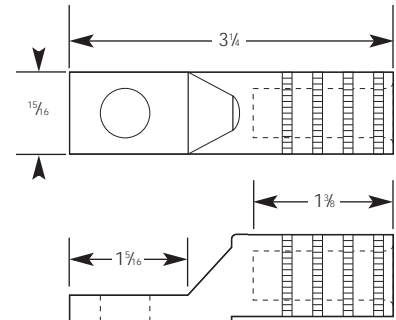
NOTE: For tin-plating option, add “-TN” suffix to the catalog number.

# Aluminum Meter Socket Lugs — 840 Common Die Series

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



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



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

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

\* For aluminum conductors only.

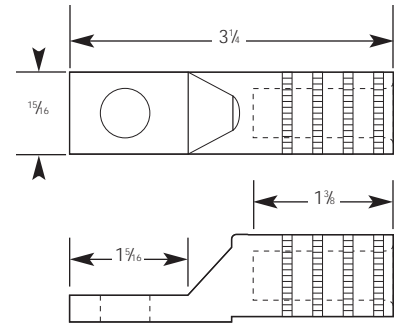
NOTE: For tin-plating option, add "-TN" suffix to the catalog number.

# Aluminum Tin-Plated Meter Socket Lugs — Star Hole

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



MSL 350



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.

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

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

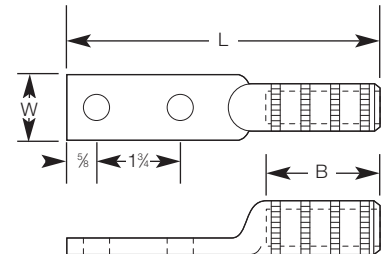
# Aluminum Two-Hole NEMA Lugs — Common Die Series

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



SAB 500-N

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



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

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



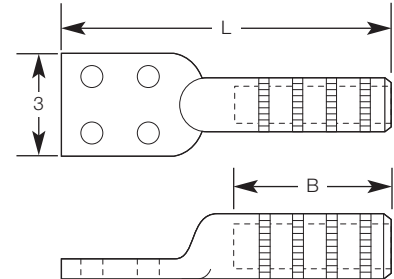
# Aluminum Four-Hole NEMA Lugs — Common Die Series

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



SAM 500-4N

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



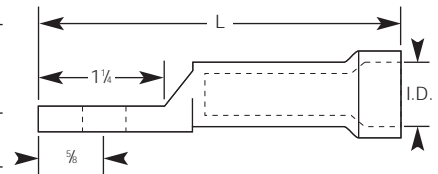
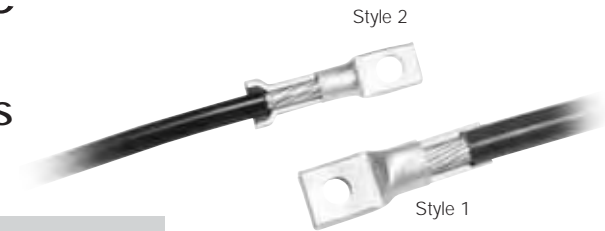
## Ordering Information for Aluminum Four-Hole NEMA Lugs — Common Die Series

CAT. NO.	Concentric	Compact	ACSR	L	B	Installing Dies	
SAM 3/0-4N*	3/0	—	—	8½	3⅝	1⅝, 300, 14A, 106, 317	
SAM 4/0-4N*	4/0	—	4/0	8½	3⅝		
SAM 250-4N*	250	—	—	8½	3⅝		
SAM 300-4N*	300	—	—	7¾	3⅝		
SAM 350-4N*	336.4–350	—	266.8 (26/7), 336.4 (18/1)	7¾	3⅝		
SAM 400-4N*	397.5–400	—	336.4 (30/7), 397.5 (18/1)	7¾	3⅝		
SAM 500-4N*	500	—	—	8¼	3⅝		
SAM 600-4N*	556.5–600	—	—	8¼	3⅝		
SAL 500-4N*	500	—	477 (18/1)	8¼	3¾		140H, 301, 342, 1½
SAL 600-4N	600	—	477 (24/7, 30/7)	7¾	3¾		
SAL 650-4N	600, 636, 650	—	556.5 (24/7, 26/7)	7¾	3¾		
SAL 750-4N	700–750	—	636 (26/7)	9	4⅞		
SAL 800-4N	700–800	954	636 (26/7)	8¾	4⅞		
SAL 1000-4N	1000	1000	795 (30/19), 874 (54/7)	8¾	4⅞		
SAL 1033-4N	1033	—	900 (54/7), 954 (45/7)	9	4⅞		

\* Designates 2-piece welded design.

# Aluminum Shrouded One-Hole Lugs — Common Die Series

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



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

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

CAT. NO.	Conductor Sizes		Shroud I.D.	Compression Die Size	L	Style
	Concentric	Compact				
<b>3/8 Compression Die Series</b>						
RSG 6-48	#6	—	.400	5/8, 8A, 243, TU, 52, BG	3 3/8	2
RSG 4-48	#4	#4	.450		3 3/8	1
RSG 2-48	#2 & #1	#1	.635			
RSG 1/0-48	1/0	2/0	.640			
<b>840 Compression Die Series</b>						
RSK 1/0-48	1/0	2/0	.640	840, 11A, 249, 76, TX	3 3/8	2
RSK 2/0-48	2/0	3/0	.750			
RSK 3/0-48	3/0	4/0	.750			
RSK 4/0-48	4/0	4/0	.750		4 7/8	1
RSK 250-48	4/0-250	350	.812			
RSK 350-48	350	—	.927			
<b>1 1/8 Compression Die Series</b>						
RSB 300-48	300	300	.927	1 1/8-1, 12A, 96, 299, 655	4 1/2	2
RSB 350-48	350	300	.927			

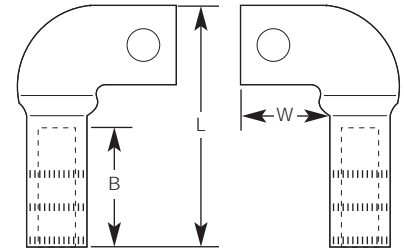
NOTE: For tin-plating option, add "-TN" suffix to the catalog number.  
 To order a terminal lug for a 3/8" stud, change a catalog number's "-48" suffix (designating a 1/2" stud) to a "-38" suffix.  
 To order with hardware as kits, add "-TMH" suffix to the catalog number.

# Aluminum Tin-Plated One-Hole Lugs

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



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



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

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

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

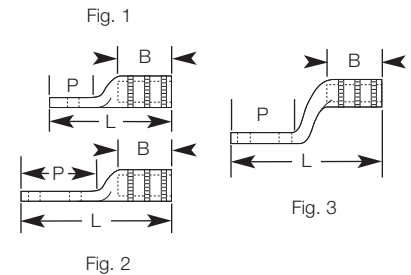
# Aluminum Multi-Range Die-Less Lugs

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



AL 4/0 NTN

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



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

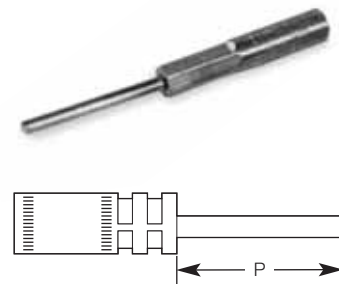
CAT. NO.	Conductor Range Alum. or Copper	Tool	Figure	Bolt Size	B	L	P
AL 1/0-48 TN	#6 str.-1/0 str.	VC 5/VC 6	1	1/2	1 1/8	3 3/16	1 1/16
AL 1/0 NTN	#6 str.-1/0 str.		2		1 1/8	5 1/4	3 3/4
ASL 1/0 NTN	#6 str.-1/0 str.		3		1 1/8	5 1/4	3
AL 4/0-48 TN	#2 str.-4/0 str.		1		1 1/16	3 3/16	1 1/8
AL 4/0 NTN	#2 str.-4/0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

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

# Aluminum Pin Terminals

The pins you need for hassle-free terminations.

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



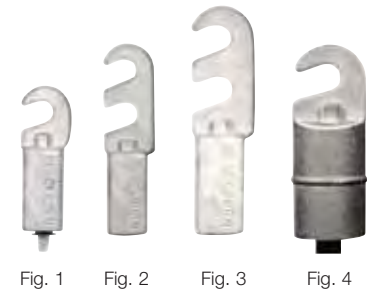
## Ordering Information for Aluminum Pin Terminals

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

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

# Blackburn® Slotted-Tang Compression Terminal Lugs

Compress these lugs with standard tools and dies.



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

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

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

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

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


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

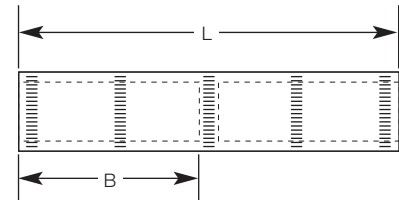
CAT. NO.	Conductor Size		Bolt Size
	ACSR	AL	
CPL 4 N	#4	#4	½
CPL 2 N	#2	#2	
CPL 1/0 N	1/0	1/0	
CPL 2/0 N	2/0	2/0	
CPL 3/0 N	3/0	3/0	
CPL 4/0 N	4/0	4/0-250	
CPL 300 N	266.8	266.8-300	
CPL 350 N	336.4	336.4-350	
CPL 477 N	397.5	396.5-477	
CPL 556 N	477	500-556.5	
CPL 600 N	556.5	600	
CPL 800 N	605-666.6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

# Aluminum Tin-Plated Straight Splices

For general applications.



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



## Ordering Information for Aluminum Tin-Plated Straight Splices

CAT. NO.	Concentric	Compact	ACSR	L	B	Installing Dies
ASC 6	#6	—	—	1 $\frac{5}{8}$	$\frac{3}{4}$	TP, 29, 161, $\frac{5}{16}$
ASC 4	#4	—	—	2	1	TB, 37, 375, 162
ASC 2	#2	—	—	2	1 $\frac{5}{16}$	TQ, 45, 348, 163, $\frac{1}{2}$ , 6A
ASC 1	#1	—	—	2	1 $\frac{5}{16}$	TQ, 45, 348, 163, $\frac{1}{2}$
ASC 1/0	1/0	—	—	2 $\frac{1}{4}$	3 $\frac{1}{32}$	TU, 52, BG, 243, $\frac{5}{8}$
ASC 2/0	2/0	—	—	2 $\frac{7}{16}$	1 $\frac{1}{32}$	TW-TY, 58, 297, $\frac{5}{8}$ -1
ASC 3/0	3/0	—	—	2 $\frac{3}{4}$	1 $\frac{1}{4}$	TV, 66, 167, 467, 10A
ASC 4/0	4/0	—	—	2 $\frac{3}{4}$	1 $\frac{5}{16}$	TX, 71H, 298, 840, 11A
ASC 250	4/0-250	300	4/0	2 $\frac{9}{16}$	1 $\frac{3}{8}$	TX, 76, 249, 840, 11A
ASC 300	266.8-300	350	266.8 (18/1)	3 $\frac{1}{8}$	1 $\frac{1}{16}$	TH, 87H, 251, 470, 1, 12A
ASC 350	336.4-350	400	266.8 (26/7), 336.4 (18/1)	3 $\frac{3}{8}$	1 $\frac{39}{64}$	96, 299, 655, 1 $\frac{1}{8}$ -1, 13A
ASC 400	397.5-400	—	336.4 (26/7), 397.5 (18/1)	3 $\frac{1}{2}$	1 $\frac{3}{4}$	96, 472, 655, 1 $\frac{1}{8}$ -1, 13A
ASC 500	477-500	600	397.5 (26/7), 477 (18/1)	3 $\frac{5}{8}$	1 $\frac{27}{32}$	106A, 300, 317, 1 $\frac{1}{8}$ , 14A
ASC 600	550-600	—	477 (26/7), 556.5 (18/1)	4 $\frac{1}{8}$	1 $\frac{15}{16}$	1 $\frac{1}{8}$ , 115H, 786, 936, 473
ASC 750	700-750	—	636 (26/7)	4 $\frac{1}{16}$	2 $\frac{1}{32}$	140H, 301, 342, 1 $\frac{1}{2}$
ASC 750-608*	700-750	—	636 (26/7)	4 $\frac{1}{16}$	2 $\frac{1}{32}$	125H, 608, 786, 1 $\frac{1}{2}$ , 936
ASC 800	800	—	—	4 $\frac{1}{4}$	2 $\frac{1}{4}$	140H, 342, 474, 1 $\frac{1}{2}$
ASC 1000	954-1000	—	795 (26/7), 954 (45/7)	5 $\frac{1}{4}$	2 $\frac{3}{8}$	161, 292, 302, 319, 1 $\frac{3}{4}$
ASC 1250	1250	—	—	8	3 $\frac{1}{16}$	161, 727, 352, 1 $\frac{3}{4}$
ASC 1500	1500	—	—	6 $\frac{1}{2}$	3 $\frac{3}{8}$	189, 478, 728

\* Not UL Listed.

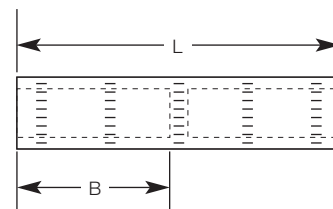
NOTE: For splices with tin plating, add "-TN" suffix to the catalog number.  
Splices with tin plating are UL Listed through 1000 kcmil.

# Aluminum Straight Splices

Splices for general applications.



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



## Ordering Information for Aluminum Straight Splices

CAT. NO.	Concentric	Compact	ACSR	L	B	Installing Dies
AC 4	#4	—	—	2¼	1	TB, 37, 375
AC 2	#2		—	3 <sup>15</sup> / <sub>32</sub>	1 <sup>37</sup> / <sub>64</sub>	TQ, 45, 348, 163, ½
AC 1	#1		—	3 <sup>15</sup> / <sub>32</sub>	1 <sup>37</sup> / <sub>64</sub>	TQ, 45, 348, 163, ½
AC 1/0	1/0		—	3 <sup>1</sup> / <sub>16</sub>	1 <sup>13</sup> / <sub>32</sub>	TU, 52, BG, 243, ⅝, 8A
AC 2/0	2/0	250	—	3 <sup>1</sup> / <sub>16</sub>	1 <sup>13</sup> / <sub>32</sub>	TU, 52, BG, 243, ⅝, 8A
AC 3/0	3/0		—	4	1½	TV, 66, 167, 781, 247, 10A
AC 4/0	4/0	250	—	3¾	1¾	TX, 71H, 298, 840, 660, 11A
AC 250	4/0-250		4/0	5¼	2 <sup>5</sup> / <sub>16</sub>	TX, 76, 249, 840, 11A
AC 300	266.8-300	—	266.8 (18/1)	5¾	2 <sup>1</sup> / <sub>16</sub>	TH, 87H, 251, 840, 470, 12A
AC 350	336.4-350		266.8 (26/7), 336.4 (18/1)	6¾	3¾	96, 299, 655, 1½-1, 13A
AC 400	397.5-400	600	336.4 (26/7), 397.5 (18/1)	7¾	3½	96, 472, 655, 705, 1½-1, 13A
AC 500	477-500		397.5 (26/7, 30/7), 477 (18/1)	7 <sup>19</sup> / <sub>32</sub>	3 <sup>37</sup> / <sub>64</sub>	106A, 300, 317, 1⅝, 14A
AC 600	600	—	477 (26/7), 556.5 (18/1)	7 <sup>27</sup> / <sub>32</sub>	3 <sup>47</sup> / <sub>64</sub>	1⅝, 115H, 786, 936, 473
AC 750	700-750		636 (26/7)	8¾	3 <sup>3</sup> / <sub>16</sub>	140H, 301, 342, 1½
AC 800	750-800	—	636 (30/19), 715.5 (54/7)	8½	4 <sup>1</sup> / <sub>16</sub>	140H, 474, 342, 724, 1½H, 1½
AC 1000	954-1000		795 (26/7), 954 (45/7)	9 <sup>5</sup> / <sub>16</sub>	4 <sup>3</sup> / <sub>32</sub>	161, 292, 302, 319, 1¾

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

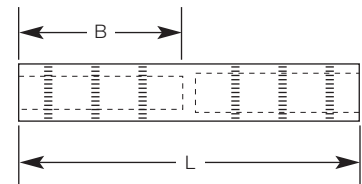


# Aluminum Straight Reducing Splices

Solid center stop ensures proper cable insertion.



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



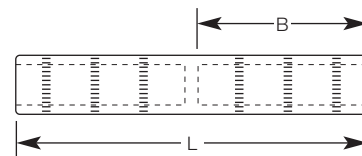
## Ordering Information for Aluminum Straight Reducing Splices

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

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

# Aluminum Straight Splices — Common Die Series

Splices designed for general URD applications.



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


## Ordering Information for Aluminum Straight Splices

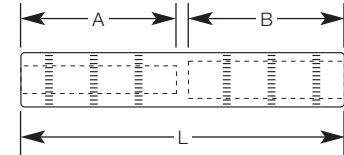
CAT. NO.	Concentric	Compressed	Compact	Solid	B	L	Installing Dies
SAC 4	#4	#4	#4	—	1 <sup>13</sup> / <sub>32</sub>	3	<sup>3</sup> / <sub>8</sub> , 8A, BG, TU, 52
SAC 2	#2	#2	#1, #2	#1	1 <sup>13</sup> / <sub>32</sub>		CSA 22, <sup>3</sup> / <sub>8</sub> , 8A, BG
SAC 1	#1	#1	1/0	1/0	1 <sup>13</sup> / <sub>32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

# Aluminum Straight Reducing Splices — Common Die Series

Reducers for general URD applications.



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



## Ordering Information for Aluminum Straight Reducing Splices

CAT. NO.	Side A			Side B			A-B	L	Installing Dies
	Concentric/ Compressed	Compact	Solid	Concentric/ Compressed	Compact	Solid			
SAC 4 R 6	#4	#4	—	#6	#6	—	1 <sup>1</sup> / <sub>6</sub>	3	CSA 22, <sup>5</sup> / <sub>8</sub> , BG, 243
SAC 2 R 4	#2	#1, #2	#1	#4	#4	—			
SAC 1 R 2	#1	1/0	1/0	#2	#1, #2	#1			
SAC 1/0 R 4	1/0	2/0	2/0	#4	#4	—			
SAC 1/0 R 2	1/0	2/0	2/0	#2	#1, #2	#1			
SAC 1/0 R 1	1/0	2/0	2/0	#1	1/0	1/0			
SAC 2/0 R 2	2/0	3/0	3/0	#2	#1, #2	#1	1 <sup>1</sup> / <sub>6</sub>	4	840, 249, TX, CSA 24
SAC 2/0 R 1/0	2/0	3/0	3/0	1/0	2/0	2/0			
SAC 3/0 R 1/0	3/0	4/0	—	1/0	2/0	2/0			
SAC 3/0 R 2/0	3/0	4/0	—	2/0	3/0	3/0			
SAC 4/0 R 2	4/0	250	—	#2	#1, #2	#1			
SAC 4/0 R 1/0	4/0	250	—	1/0	2/0	2/0			
SAC 4/0 R 2/0	4/0	250	—	2/0	3/0	3/0	2 <sup>3</sup> / <sub>8</sub>	5	96, 299, 655, 1 <sup>1</sup> / <sub>6</sub> -1, 13A
SAC 250 R 3/0	250	—	—	3/0	4/0	—			
SAC 250 R 4/0	250	—	—	4/0	250	—			
SAC 300 R 250	300	—	—	4/0-250	—	—			
SAC 350 R 2	350	—	—	#2	#1, #2	#1			
SAC 350 R 1/0	350	—	—	1/0	2/0	2/0			
SAC 350 R 2/0	350	—	—	2/0	3/0	3/0	2 <sup>2</sup> / <sub>16</sub>	5 <sup>1</sup> / <sub>6</sub>	1 <sup>1</sup> / <sub>6</sub> , 15A, 300, 106, 317
SAC 350 R 3/0	350	—	—	3/0	4/0	—			
SAC 350 R 4/0	350	—	—	4/0	250	—			
SAC 350 R 250	350	—	—	250	—	—			
SAC 500 R 2	500	—	—	#2	—	—			
SAC 500 R 1/0	500	—	—	1/0	—	—			
SAC 500 R 2/0	500	—	—	2/0	—	—	3	6 <sup>1</sup> / <sub>4</sub>	140H, 301, 342
SAC 500 R 3/0	500	—	—	3/0	—	—			
SAC 500 R 4/0	500	—	—	4/0	250	—			
SAC 500 R 300	500	—	—	300	—	—			
SAC 500 R 350	500	—	—	350	—	—			
SAC 500 R 400	500	—	—	400	—	—			
SAC 750 R 1/0	750	—	—	1/0	—	—	3 <sup>3</sup> / <sub>8</sub>	7	161, 302, 292, 319, 1 <sup>3</sup> / <sub>4</sub>
SAC 750 R 4/0	750	—	—	4/0	250	—			
SAC 750 R 250	750	—	—	250	—	—			
SAC 750 R 350	750	—	—	350	—	—			
SAC 750 R 500	750	—	—	500	—	—			
SAC 1000 R 400	1000	—	—	400	—	—			
SAC 1000 R 500	1000	—	—	500	—	—	3 <sup>3</sup> / <sub>8</sub>	7	161, 302, 292, 319, 1 <sup>3</sup> / <sub>4</sub>
SAC 1000 R 750	1000	—	—	750	—	—			

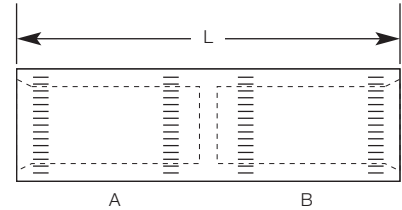
NOTE: For tin-plating option, add "-TN" suffix to the catalog number.

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

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



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



## Ordering Information for Aluminum Tin-Plated Straight Splices

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

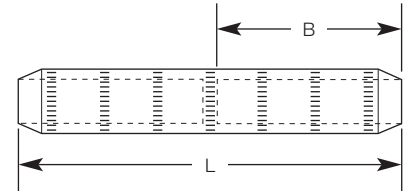
NOTE: For watertight protection, see the FSS 20 Flood-Seal® insulating splice cover on page 60.

# Aluminum Tapered Splices

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



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



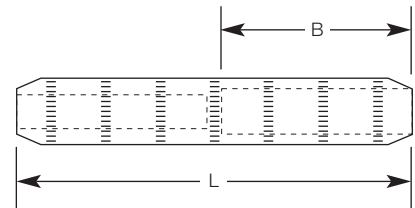
## Ordering Information for Aluminum Tapered Splices

CAT. NO.	Concentric	L	B	Installing Dies
ATC 3	#3	2 <sup>23</sup> / <sub>32</sub>	1 <sup>1</sup> / <sub>2</sub>	½, TQ, 6A, 163
ATC 2	#2	2 <sup>23</sup> / <sub>32</sub>	1 <sup>1</sup> / <sub>2</sub>	½, TQ, 6A, 163
ATC 1	#1	3	1 <sup>13</sup> / <sub>32</sub>	TU, 52, BG, 243, ⅝, 8A
ATC 1/0	1/0	3	1 <sup>13</sup> / <sub>32</sub>	⅝, TU, BG, 296
ATC 2/0	2/0	3 <sup>1</sup> / <sub>16</sub>	1 <sup>1</sup> / <sub>8</sub>	TW-TY, 58, 297, ⅝-1
ATC 3/0	3/0	3	1 <sup>1</sup> / <sub>8</sub>	TV, 66, 247
ATC 4/0	4/0	3 <sup>23</sup> / <sub>32</sub>	1 <sup>23</sup> / <sub>32</sub>	TX, 71H, 298, 840
ATC 250	250	3 <sup>21</sup> / <sub>32</sub>	1 <sup>49</sup> / <sub>64</sub>	TX, 76, 249, 840, 11A
ATC 300	300	4 <sup>3</sup> / <sub>16</sub>	2 <sup>1</sup> / <sub>32</sub>	1, TH, 87H, 470, 251, 12A
ATC 350	350	5	2 <sup>21</sup> / <sub>64</sub>	96, 472, 655, 1 <sup>1</sup> / <sub>8</sub> -1, 13A
ATC 400	400	5 <sup>7</sup> / <sub>32</sub>	2 <sup>25</sup> / <sub>64</sub>	96, 472, 655, 705, 1 <sup>1</sup> / <sub>8</sub> -1, 13A
ATC 500	500	5 <sup>1</sup> / <sub>2</sub>	2 <sup>19</sup> / <sub>32</sub>	1 <sup>1</sup> / <sub>8</sub> , 106A, 300, 317, 15A
ATC 600	600	5 <sup>29</sup> / <sub>32</sub>	2 <sup>1</sup> / <sub>16</sub>	115H, 786, 936, 1 <sup>1</sup> / <sub>8</sub>
ATC 750	700-750	6 <sup>83</sup> / <sub>64</sub>	3 <sup>3</sup> / <sub>8</sub>	140H, 301, 342, 1 <sup>1</sup> / <sub>2</sub>
ATC 800	795-800	7 <sup>3</sup> / <sub>16</sub>	3 <sup>15</sup> / <sub>32</sub>	140, 1 <sup>1</sup> / <sub>2</sub> , 1 <sup>1</sup> / <sub>8</sub>
ATC 1000	1000	8 <sup>27</sup> / <sub>32</sub>	4 <sup>7</sup> / <sub>64</sub>	161, 302, 292, 319, 1 <sup>1</sup> / <sub>8</sub>
ATC 1250	1250	9 <sup>3</sup> / <sub>4</sub>	4 <sup>11</sup> / <sub>16</sub>	161, 352, 579, 30AH
ATC 1500	1500	9 <sup>3</sup> / <sub>4</sub>	4 <sup>11</sup> / <sub>16</sub>	189R, 478, L46ART
ATC 1750	1750	11 <sup>1</sup> / <sub>2</sub>	5 <sup>5</sup> / <sub>32</sub>	189, 728, 38AH
ATC 2000	2000	14	6 <sup>13</sup> / <sub>16</sub>	189, 478, 728

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

# Aluminum Tapered Reducing Splices

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



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

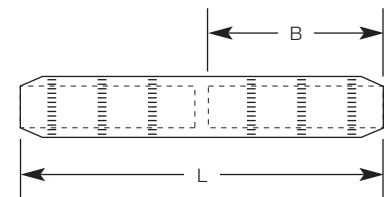
## Ordering Information for Aluminum Tapered Reducing Splices

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

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

# Aluminum Tapered Splices — Common Die Series

Entire conductor range is installed with six common dies.



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

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

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

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

# Aluminum Tees

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



AT 350-350

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

## Ordering Information for Aluminum Tees

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

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

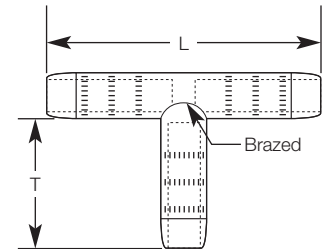


# Aluminum Tapered Tees

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



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



## Ordering Information for Aluminum Tapered Tees

CAT. NO.	Run	Tap	L	T	CAT. NO.	Run	Tap	L	T
ATT 2-4	#2	#4	4¼	2½	ATT 350-2	350	#2	6%	2½
ATT 2-2		#2		2½	ATT 350-1/0		1/0		2½
ATT 1/0-4	1/0	#4	5½	2½	ATT 350-3/0		3/0		3
ATT 1/0-2		#2		2½	ATT 350-4/0		4/0		3
ATT 1/0-1/0	2/0	1/0	6	2½	ATT 350-350	350	3½		
ATT 2/0-2		#2		2½	ATT 400-1/0	1/0	4		
ATT 2/0-1/0		1/0		2½	ATT 400-4/0	4/0	4		
ATT 2/0-2/0		2/0		2½	ATT 400-400	400	4		
ATT 3/0-2	3/0	#2	7%	3	ATT 500-1/0	1/0	4		
ATT 3/0-1/0		1/0		3	ATT 500-4/0	4/0	3		
ATT 3/0-3/0		3/0		3	ATT 500-350	350	3½		
ATT 4/0-2		#2		2½	ATT 500-500	500	5½		
ATT 4/0-1/0	4/0	1/0	8	2½	ATT 750-1/0	1/0	3		
ATT 4/0-2/0		2/0		2½	ATT 750-4/0	4/0	3		
ATT 4/0-4/0		4/0		3	ATT 750-350	350	3½		
ATT 250-2		250		#2	6%	3	ATT 750-500	500	5½
ATT 250-1/0	1/0		3	ATT 750-750		750	4		
ATT 250-2/0	2/0		3	ATT 1000-4/0		4/0	3½		
ATT 250-3/0	3/0		3	ATT 1000-350		350	3½		
ATT 250-250	300	250	9%	3	ATT 1000-500	500	5½		
ATT 300-1/0		1/0		3½	ATT 1000-750	750	6		
ATT 300-2/0		2/0		3½	ATT 1000-1000	1000	6		
ATT 300-4/0		4/0		3½	ATT 1500-1500	1500	6		
ATT 300-300	300	300		3½			14	6	

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

# Copper Tin-Plated One-Hole Lugs

Tin-plated lugs resist corrosion.



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

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



CAT. NO.	Wire Size	Bolt Size	Installing Dies	CAT. NO.	Wire Size	Bolt Size	Installing Dies	
L 8-10	#8	10	TC, 21, 171, 236	L 3/0-516	3/0	5/16	5/8, 14, TU, 50, 243, BG	
L 8-14		1/4		L 3/0-38		3/8		
L 8-38		3/8		L 3/0-48	1/2			
L 8-48		1/2		L 4/0-516	5/16			
L 6-10	#6	10	7, TE, 24	L 4/0-38	4/0	3/8	15, TW-TY, 54, 243	
L 6-14		1/4		L 4/0-48		1/2		
L 6-516		5/16		L 250-38	3/8	250		1/8, 16, TR, 60, 166
L 6-38		3/8		L 250-48	1/2			
L 4-10	#4	10	5/8, 8, TP, 29, 161	L 300-38	300	3/8	781, 17, TV, 66	
L 4-14		1/4		L 300-48		1/2		
L 4-516		5/16		L 300-58	3/4			
L 4-38		3/8		L 350-38	3/8			
L 2-14	#2	1/4	3/8, 10, TL-TN, 33, 162	L 350-48	350	1/2	840, 18, TX, 71	
L 2-516		5/16		L 350-58		3/4		
L 2-38		3/8		L 400-48	1/2	400		840, 19, TX, 76
L 2-48		1/2		L 400-58	5/8			
L 1-14	#1	1/4	11, TB, 37	L 500-48	500	1/2	20, TH, 87, 281	
L 1-516		5/16		L 500-58		5/8		
L 1-38		3/8		L 600-48	1/2	600		1 1/8-1, 96
L 1-48		1/2		L 600-58	3/4			
L 1/0-516	1/0	5/16	1/2, 12, TQ, 42, 163	L 750-48	750	1/2	1 1/8-2, 106	
L 1/0-38		3/8		L 750-58		5/8		
L 1/0-48		1/2		L 750-68	3/4			
L 2/0-516	2/0	5/16	13, TS, 45, 164, 241	L 1000-48	1000	1/2	642, 125	
L 2/0-38		3/8		L 1000-58		5/8		
L 2/0-48		1/2		L 1000-68	3/4			

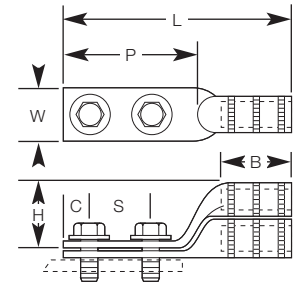
NOTE: For lugs with tapered ends used in high-voltage applications, please consult your Thomas & Betts representative.

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

Lugs for general applications.



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



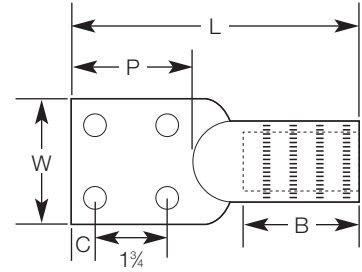
## Ordering Information for Copper Tin-Plated Two-Hole Straight and Stacking NEMA Lugs

Straight Lug CAT. NO.	Stacking Lug CAT. NO.	Wire Size	Bolt Size	Installing Dies	B	C	L	P	S	W	H
L 6-214	—	#6	1/4	7, TE, 24	1 1/8	5/16	2 1/16	1 1/8	5/8	7/16	—
L 6-2516	—		5/16		1 1/8	5/16	2 1/16	1 1/8	5/8	7/16	—
L 6 N	—		1/2		1 1/8	5/8	5	3 1/2	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 1/8	5/8	1/2	—
L 4-2516	—		5/16		1 1/8	5/16	2 3/4	1 1/8	5/8	1/2	—
L 4 N	—		1/2		1 1/8	5/8	5	3 1/2	1 3/4	3/4	—
L 2-214	—	#2	1/4	3/8, 10, TL-TN, 33, 162	1 1/4	3/8	3 3/8	1 1/2	5/8	5/8	—
L 2-2516	—		5/16		1 1/4	3/8	3 3/8	1 1/2	5/8 & 7/8	5/8	—
L 2 N	—		1/2		1 1/4	3/4	4 3/4	3	1 1/2	3/4	—
L 1-214	—	#1	1/4	3/8, 11, TB, 37	1 3/8	3/8	3 3/8	1 3/8	5/8	1 1/8	—
L 1-2516	—		5/16		1 1/2	3/8	3 3/8	1 3/8	5/8 & 7/8	1 1/8	—
L 1 N	—		1/2		1 1/2	3/4	4 3/4	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 3/8	1 3/8	7/8	3/4	—
L 1/0-2516	—		5/16		1 3/8	3/8	3 3/8	1 3/8	5/8 & 7/8	3/4	—
L 1/0 N	—		1/2		1 3/8	3/4	4 3/4	3	1 3/4	3/4	—
L 2/0-238	—	2/0	3/8	5/16, 13, TS, 45, 164	1 1/2	3/8	5 1/8	3	1 3/4	7/8	—
L 2/0 N	SL 2/0 N		1/2		1 1/2	3/8	5 1/8	3	1 3/4	7/8	1 1/2
L 3/0-238	—		3/4		1 1/2	3/8	5 1/8	3	1 3/4	1 1/8	—
L 3/0 N	SL 3/0 N	1/2	1 1/2	3/8	5 1/8	3	1 3/4	1 1/8	1 1/8		
L 4/0-238	—	4/0	3/8	3/8-1, 15, TW-TY, 54, 243	1 3/8	3/8	5 3/8	3	1 3/4	1 1/8	—
L 4/0 N	SL 4/0 N		1/2		1 3/8	3/8	5 3/8	3	1 3/4	1 1/8	1 1/8
L 250-238	—		250		3/8	1 1/16, 16, TR, 60, 116	1 11/16	3/8	5 3/8	3	1 3/4
L 250 N	SL 250 N	1/2		1 11/16	3/8		5 3/8	3	1 3/4	1 1/8	1 1/16
L 300-238	—	300		3/8	781, 17, TV, 66, 1 1/16		2	3/8	5 3/4	3	1 3/4
L 300 N	SL 300 N		1/2	2		3/8	5 3/4	3	1 3/4	1 1/4	1 1/4
L 350-238	—		350	3/8		840, 18, TX, 71	2	3/8	5 3/4	3	1 3/4
L 350 N	SL 350 N	1/2		1 1/8	3/8		5 3/4	3	1 3/4	1 1/8	—
L 400-238	—	400		3/8	1 5/16, 19, TX, 76, 840		2 1/8	3/8	6	3 3/16	1 3/4
L 400 N	SL 400 N		1/2	2 1/8		3/8	6	3 3/8	1 3/4	1 1/8	2 1/8
L 500 N	SL 500 N		500	1/2		1, 20, TH, 87, 251	2 1/4	3/8	6 1/8	3 3/8	1 3/4
L 600 N	SL 600 N	600	1/2	1 1/2-1, 22, 96	2 3/8	3/8	6 3/4	3 3/8	1 3/4	1 1/8	2 3/8
L 750 N	SL 750 N	750	1/2	1 1/8, 106, 24	2 13/16	3/8	7	3 3/8	1 3/4	1 3/4	2 3/8
L 1000 NT	SL 1000 NT	1000	1/2	27, 1 1/2, 125	2 15/16	3/8	7 1/4	3 3/4	1 3/4	1 3/4	3
L 1250 N	—	1250	1/2	150, 29, 1 1/2	3	3/8	7 3/8	3 3/8	1 3/4	2 3/8	—
L 1500 N	—	1500	1/2	1 3/4, 31, 150	3 3/16	3/8	7 1/2	3	1 3/4	2 1/8	—
L 2000 N	—	2000	1/2	2.00, 34, 175	3 5/16	3/8	8 1/8	3 3/8	1 3/4	3 3/8	—

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

# Copper Tin-Plated Four-Hole NEMA Lugs

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



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

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

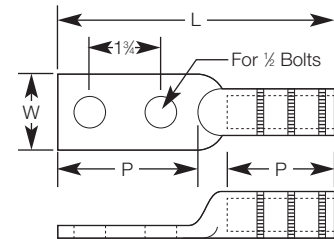
CAT. NO.	Wire Size	Bolt Size	Installing Dies	B	C	L	P	W
L 750 4N	750	1/2	106, 21, 209, 1 1/16	4 3/8	5/8	8 1/8	3 3/16	3
L 1000 4N	1000		786, 1 1/2, 27, 125, 642	4 3/8		9 1/8	3 3/16	3
L 1500 4N	1500		1 1/4, 31, 150, 302	3 3/16		7 1/2	3	2 5/8
L 2000 4N	2000		2.00, 34, 175	3 3/16		8 1/8	3 3/16	3 1/8

# 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.

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

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

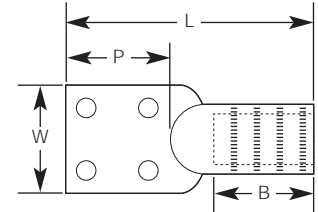
NOTE: For tin-plating option, add "-TN" suffix to the catalog number.  
 For oxide-inhibiting compound, please consult your Thomas & Betts representative.

# Copper Heavy-Duty Four-Hole NEMA Lugs

Heavy-wall lugs for grounding and other critical applications.



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



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



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

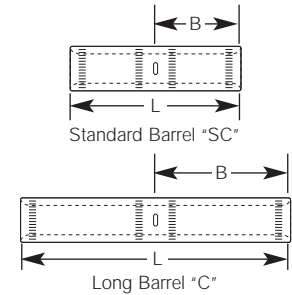
NOTE: For tin-plating option, add "-TN" suffix to the catalog number.  
 For oxide-inhibiting compound, please consult your Thomas & Betts representative.

# Copper Tin-Plated Straight Splices

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



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



## Ordering Information for Copper Tin-Plated Straight Splices

Standard Barrel CAT. NO.	Long Barrel CAT. NO.	Wire Size	Standard Barrel		Long Barrel		Installing Dies
			B	L	B	L	
SC 8	C 8	#8	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	1 3/16	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 1/2	11, TB, 37
SC 1/0	C 1/0	1/0	7/8	1 7/8	1 3/8	2 1/2	1/2, 12, TQ, 42, 163
SC 2/0	C 2/0	2/0	1 5/16	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	1 1/16, 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	1 5/16, 19, TX, 76, 840
SC 500	C 500	500	1 3/8	2 7/8	2 1/4	4 7/8	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 3/8	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 1/16	6 1/2	1 3/4, 31, 150
SC 2000	C 2000	2000	2 1/4	4 5/8	3 1/16	7	2.00, 34, 175

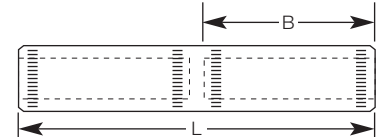
NOTE: SC 1500, SC 2000, C 1500 and C 2000 are not UL Listed or CSA Certified.

# Copper Tin-Plated Straight Oil-Stop Splices

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



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



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

CAT. NO.	Wire Size	Installing Dies	B	L
PC 6	#6	7, TE,24	1 1/8	2 3/8
PC 4	#4	5/8, 8, TP, 29, 161	1 1/8	2 3/8
PC 2	#2	3/8, 10, TL-TN, 162	1 1/4	2 3/8
PC 1	#1	3/8, 11, TB, 37, 276	1 3/8	2 3/8
PC 1/0	1/0	1/2, 12, TQ, 42, 163	1 3/8	2 3/8
PC 2/0	2/0	9/16, 13, TS, 164, 45	1 1/2	3 3/8
PC 3/0	3/0	5/8, 14, TU, 243, BG 50	1 1/2	3 3/8
PC 4/0	4/0	54, 5/8-1, 15, TW-TY	1 5/8	3 3/8
PC 250	250	1 1/16, 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 3/8
PC 600	600	1 1/8-1, 22, 96	2 1/16	5 1/2
PC 750	750	1 1/16, 24, 106	2 3/8	5 3/8
PC 1000	1000	1 1/2, 27, 125, 642	3	6 1/8

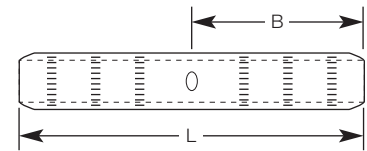


# Copper Tin-Plated Tapered Splices

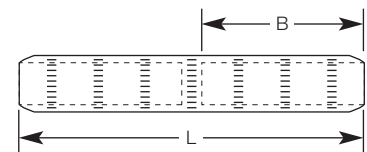
High-voltage, oil, harsh environments — these splices can handle it all.



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



"TC" Dimple Style



"PTC" Solid Center Oil Stop

## Ordering Information for Copper Tin-Plated Tapered Splices

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

# Copper Tin-Plated Tees

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



250 T 250

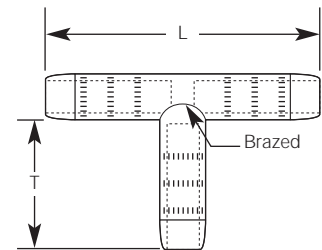
Features	Benefits/Descriptions
Made from Tin-Plated Copper	High conductivity, resistant to corrosion.
All Tees Marked with Conductor Sizes and Die References	Easy identification.

## Ordering Information for Copper Tin-Plated Tees

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

# Copper Tin-Plated Tapered Tees

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



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

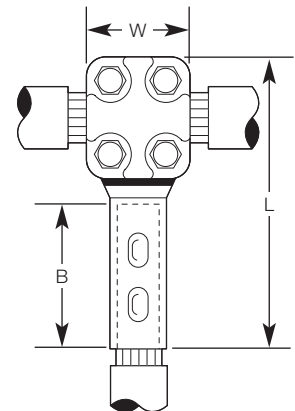
## Ordering Information for Copper Tin-Plated Tapered Tees

CAT. NO.	Run	Tap	L	T	CAT. NO.	Run	Tap	L	T
TT 2-2	#2	#2	3 <sup>11</sup> / <sub>16</sub>	1 <sup>1</sup> / <sub>2</sub>	TT 350-1/0	350	1/0	5 <sup>3</sup> / <sub>16</sub>	2 <sup>13</sup> / <sub>16</sub>
TT 1/0-6	1/0	#6	3 <sup>3</sup> / <sub>16</sub>	1 <sup>1</sup> / <sub>2</sub>	TT 350-2/0		2/0	5 <sup>3</sup> / <sub>16</sub>	2 <sup>13</sup> / <sub>16</sub>
TT 1/0-4		#4	3 <sup>13</sup> / <sub>16</sub>	1 <sup>1</sup> / <sub>2</sub>	TT 350-4/0		4/0	5 <sup>23</sup> / <sub>32</sub>	2 <sup>13</sup> / <sub>16</sub>
TT 1/0-2		#2	3 <sup>7</sup> / <sub>16</sub>	1 <sup>1</sup> / <sub>2</sub>	TT 350-350	350	5 <sup>29</sup> / <sub>32</sub>	2 <sup>13</sup> / <sub>16</sub>	
TT 1/0-1	1/0	#1	3 <sup>15</sup> / <sub>16</sub>	1 <sup>1</sup> / <sub>2</sub>	TT 400-1/0	400	1/0	5 <sup>21</sup> / <sub>32</sub>	2 <sup>3</sup> / <sub>8</sub>
TT 1/0-1/0		1/0	4	1 <sup>1</sup> / <sub>2</sub>	TT 400-2/0		2/0	5 <sup>21</sup> / <sub>32</sub>	2 <sup>3</sup> / <sub>8</sub>
TT 2/0-6		#6	3 <sup>29</sup> / <sub>32</sub>	1 <sup>1</sup> / <sub>2</sub>	TT 400-4/0		4/0	5 <sup>25</sup> / <sub>32</sub>	2 <sup>3</sup> / <sub>8</sub>
TT 2/0-4	2/0	#4	3 <sup>31</sup> / <sub>32</sub>	1 <sup>1</sup> / <sub>2</sub>	TT 400-250	250	5 <sup>27</sup> / <sub>32</sub>	2 <sup>3</sup> / <sub>8</sub>	
TT 2/0-2		#2	4 <sup>1</sup> / <sub>32</sub>	1 <sup>1</sup> / <sub>2</sub>	TT 400-300	300	5 <sup>29</sup> / <sub>32</sub>	2 <sup>3</sup> / <sub>8</sub>	
TT 2/0-1		#1	4 <sup>3</sup> / <sub>32</sub>	1 <sup>1</sup> / <sub>2</sub>	TT 400-400	400	6 <sup>1</sup> / <sub>32</sub>	2 <sup>3</sup> / <sub>8</sub>	
TT 2/0-1/0	2/0	1/0	4 <sup>5</sup> / <sub>32</sub>	1 <sup>1</sup> / <sub>2</sub>	TT 500-1/0	500	1/0	6 <sup>23</sup> / <sub>64</sub>	2 <sup>19</sup> / <sub>32</sub>
TT 2/0-2/0		2/0	4 <sup>9</sup> / <sub>32</sub>	1 <sup>1</sup> / <sub>2</sub>	TT 500-2/0		2/0	6 <sup>23</sup> / <sub>64</sub>	2 <sup>19</sup> / <sub>32</sub>
TT 3/0-1/0		1/0	4 <sup>7</sup> / <sub>16</sub>	1 <sup>5</sup> / <sub>8</sub>	TT 500-4/0		4/0	6 <sup>15</sup> / <sub>32</sub>	2 <sup>19</sup> / <sub>32</sub>
TT 3/0-3/0	3/0	3/0	4 <sup>7</sup> / <sub>16</sub>	1 <sup>7</sup> / <sub>8</sub>	TT 500-250	250	6 <sup>17</sup> / <sub>32</sub>	2 <sup>19</sup> / <sub>32</sub>	
TT 4/0-2		#2	4 <sup>3</sup> / <sub>16</sub>	1 <sup>3</sup> / <sub>4</sub>	TT 500-350	350	6 <sup>27</sup> / <sub>32</sub>	2 <sup>19</sup> / <sub>32</sub>	
TT 4/0-1	4/0	#1	4 <sup>3</sup> / <sub>16</sub>	1 <sup>3</sup> / <sub>4</sub>	TT 500-400	400	6 <sup>23</sup> / <sub>32</sub>	2 <sup>19</sup> / <sub>32</sub>	
TT 4/0-1/0		1/0	4 <sup>1</sup> / <sub>4</sub>	1 <sup>3</sup> / <sub>4</sub>	TT 500-500	500	6 <sup>23</sup> / <sub>32</sub>	2 <sup>19</sup> / <sub>32</sub>	
TT 4/0-2/0		2/0	4 <sup>5</sup> / <sub>16</sub>	1 <sup>3</sup> / <sub>4</sub>	TT 600-2/0	600	2/0	7 <sup>3</sup> / <sub>16</sub>	3 <sup>3</sup> / <sub>32</sub>
TT 4/0-4/0	4/0	4 <sup>7</sup> / <sub>16</sub>	1 <sup>3</sup> / <sub>4</sub>	TT 600-4/0	4/0		7 <sup>7</sup> / <sub>16</sub>	3 <sup>3</sup> / <sub>32</sub>	
TT 250-2	250	#2	4 <sup>1</sup> / <sub>4</sub>	1 <sup>3</sup> / <sub>4</sub>	TT 600-350		350	7 <sup>9</sup> / <sub>16</sub>	3 <sup>3</sup> / <sub>32</sub>
TT 250-1		#1	4 <sup>1</sup> / <sub>4</sub>	1 <sup>3</sup> / <sub>4</sub>	TT 600-500	500	7 <sup>11</sup> / <sub>16</sub>	3 <sup>3</sup> / <sub>32</sub>	
TT 250-1/0		1/0	4 <sup>5</sup> / <sub>16</sub>	1 <sup>3</sup> / <sub>4</sub>	TT 600-600	600	7 <sup>7</sup> / <sub>8</sub>	3 <sup>3</sup> / <sub>32</sub>	
TT 250-2/0	250	2/0	4 <sup>3</sup> / <sub>8</sub>	1 <sup>3</sup> / <sub>4</sub>	TT 750-350	750	350	9 <sup>1</sup> / <sub>2</sub>	4 <sup>1</sup> / <sub>4</sub>
TT 250-4/0		4/0	4 <sup>1</sup> / <sub>2</sub>	1 <sup>3</sup> / <sub>4</sub>	TT 750-500		500	9 <sup>1</sup> / <sub>2</sub>	4 <sup>1</sup> / <sub>4</sub>
TT 250-250		250	4 <sup>9</sup> / <sub>16</sub>	1 <sup>3</sup> / <sub>4</sub>	TT 750-750		750	9 <sup>1</sup> / <sub>2</sub>	4 <sup>1</sup> / <sub>4</sub>
TT 300-300	300	300	4 <sup>9</sup> / <sub>16</sub>	1 <sup>3</sup> / <sub>4</sub>	TT 1000-500	1000	500	9 <sup>1</sup> / <sub>2</sub>	4 <sup>1</sup> / <sub>4</sub>
					TT 1000-1000		1000	9 <sup>1</sup> / <sub>2</sub>	4 <sup>1</sup> / <sub>4</sub>

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

# Copper Tin-Plated Clamp Tee Connectors

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



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

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

CAT. NO.	Conductor Size		B	L	W
	Run	Tap			
2131-1	750	2/0 str.	1½	4¾	2½
2131-2		4/0 str.	1¾	5	
2131-3		250	1¾	5	
2131-4		350	2	5½	
2131-5		500	2¼	5½	
2131-6		750	2½	6¼	
2131-7	1000	2/0 str.	1½	4¾	
2131-8		4/0 str.	1¾	5	
2131-9		250	1¾	5	
2131-10		350	2	5½	
2131-11		500	2¼	5½	
2131-12		750	2½	6¼	
2131-13	1500	1000	3	6¾	
2131-14		2/0 str.	1½	4¾	
2131-15		4/0 str.	1¾	5	
2131-16		250	1¾	5	
2131-17		350	2	5½	
2131-18		500	2¼	5½	
2131-19	750	2½	6¼		
2131-20	1000	3	6¾		
2131-21	1500	3¾	6¾		
2131-22	2000	3¾	8		

# Aluminum and Copper NEMA Lug Tee Taps for Cable Buses

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



NLTT 1000

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.

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

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

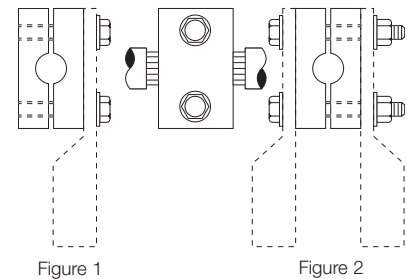


Figure 1

Figure 2

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

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

NOTE: For insulating covers, see page 60.  
For sizes not listed, please consult your Thomas & Betts representative.





**QUICK REFERENCE**

**In-Line Splices —  
Underground  
Distribution**

page(s)

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

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Lighting Mechanical  
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Underground  
Distribution



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

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

# Aluminum Flood-Seal® Compression Splice Kits

Dissipate heat and make perfect watertight seals.

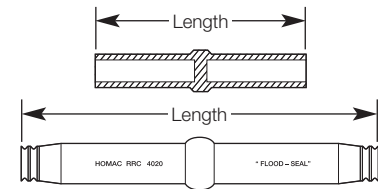


RRK 500



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.



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

CAT. NO.	Color Code	Wire Size		Connector Length	Insulator Length	Installing Dies	Strip Length
		From	To				
RRK 4	Orange	#4	#4	2	5½	½ (3)	1
RRK 2	Red	#2	#2	3	5½	¾ (5)	1½
RRK 24	Red/Orange	#2	#4			¾ (5)	
RRK 1	Red	#1	#1			¾ (5)	
RRK 10	Yellow	1/0	1/0			¾ (5)	
RRK 102	Yellow/Red	1/0	#2			¾ (5)	
RRK 20	Gray	2/0	2/0			¾ (5)	
RRK 201	Gray/Red	2/0	#1			¾ (5)	
RRK 202	Gray/Red	2/0	#2	¾ (5)			
RRK 2010	Gray/Yellow	2/0	1/0	¾ (5)			
RRK 30	Black	3/0	3/0	4¾	7¾	¾ (7)	2¾
RRK 3010	Black/Yellow	3/0	1/0			¾ (5)	
RRK 3020	Black/Gray	3/0	2/0			¾ (7)	
RRK 40	Pink	4/0	4/0			¾ (7)	
RRK 4010	Pink/Yellow	4/0	1/0			¾ (7)	
RRK 4020	Pink/Gray	4/0	2/0			¾ (7)	
RRK 4030	Pink/Black	4/0	3/0			¾ (7)	
RRK 40-840	Pink	4/0	4/0	4¾	7¾	840, 249, 11A	2¾
RRK 250	None	250	250			840, 249, 11A	
RRK 300	None	300	300			840, TX, 76, 249, 11A	
RRK 350	None	350	350			840, TX, 76, 249, 11A	
RRK 350300	None	350	300			840, TX, 76, 249, 11A	
RRK 35040	None	350	4/0			840, TX, 76, 249, 11A	
RRK 500	None	500	500			6¾	

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



## Aluminum Heat-Shrink Compression Splice Kits

Heat-shrink tubing creates sealed, watertight splices.



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

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

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

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

Underground Distribution

# 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.


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

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

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

# In-Line Compression Splice Kits

Dual-rated kits include submersible splice cover.

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



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

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

# Aluminum Flood-Seal® Mechanical Splice Kits

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

Underground Distribution

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



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

#### Two-Wire Kits

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

#### Compression Type Repair Kit

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

#### Three-Wire Kits

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

#### Four-Wire Kits

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

\* UL listed.  
† Repair Kits.

# Copper In-Line Compression Splice Kits

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



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

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

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

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

Underground Distribution

# Flood-Seal® Street and Highway Lighting Mechanical Connectors

Two connector styles to match your application.



Underground Distribution

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



RAB 1/0-4 (Style 1)

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

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



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

# Insulated Street and Highway Lighting Mechanical Connectors

Insulated connectors for above-ground applications.

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



RB 210-8 SL



SLV 42-212



BY 320

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

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

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

# Flood-Seal<sup>®</sup> 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 <sup>1</sup>/<sub>32</sub>" diameter and 1½" 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.

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

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



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

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

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



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


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



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

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

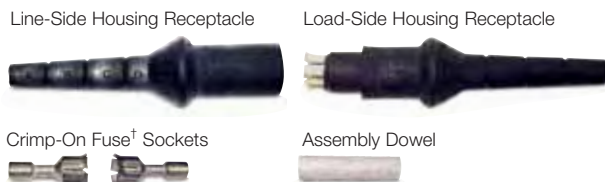
All Kits include line- and load-side housings, metal fuse sockets, assembly dowel, lubricant, wiper and installation instructions. Fuse is not included. Fuse Kits accept non-glass standard cartridge fuses of 1/8" diameter and 1 1/2" length.

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

Underground Distribution



## Type 65 U



## Type D 65 U



### Ordering Information for Type 65 Breakaway

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

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

\* Available in aluminum.  
† Fuse not included with kit. Do NOT use glass fuses.

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

\* Available in aluminum.  
† Fuse not included with kit. Do NOT use glass fuses.

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

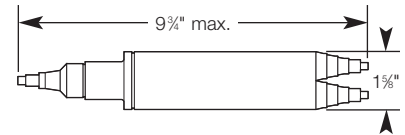
# Flood-Seal® Street and Highway Lighting Mechanical Fuse and Disconnect Kits — Y-Type

Ideal for heavy-duty applications.



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

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



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.

## Ordering Information for Y-Type Kits

600 Volt, 30 Amp Max.				600 Volt, 30 Amp Max.			
CAT. NO.	Wire Size Stranded	Fused/ Non Fused	Installing Dies	CAT. NO.	Wire Size Stranded	Fused/ Non Fused	Installing Dies
FYA-6	#6	Fused (Aluminum Run, Copper Tap)	52, BG, 243, %	DYA-6	#6	Non-Fused (Aluminum Run, Copper Tap)	52, BG, 243, %
FYA-4	#4		52, BG, 243, %	DYA-4	#4		52, BG, 243, %
FYA-2	#2		52, BG, 243, %	DYA-2	#2		52, BG, 243, %
FYA-1/0	1/0		52, BG, 243, %	DYA-1/0	1/0		52, BG, 243, %
FYA-2/0	2/0		58, 297, 245, %-1	DYA-2/0	2/0		58, 297, 245, %-1
FYC-8	#8	Fused (Copper Run, Copper Tap)	¼, 6, TC, 21	DYC-8	#8	Non-Fused (Copper Run, Copper Tap)	¼, 6, TC, 21
FYC-6	#6		J, 7, TE, 24	DYC-6	#6		J, TE, 24
FYC-4	#4		⅝, 8, TP, 29	DYC-4	#4		⅝, 8, TP, 29
FYC-2	#2		⅝, 10, TL-TN, 33	DYC-2	#2		⅝, 10, TL-TN, 33
FYC-1	#1		⅝, 11K TB, 37	DYC-1	#1		⅝, 11K TB, 37
FYC-1/0	1/0		½, 12, TQ, 42	DYC-1/0	1/0		½, 12, TQ, 42
FYC-2/0	2/0		⅝, 13, TS, 45	DYC-2/0	2/0		⅝, 13, TS, 45

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

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

Breakaway design prevents wire breakage.



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

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

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

## Ordering Information for YY-Type Kits

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

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

Underground Distribution

# 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 1/32" 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.

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.

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

CAT. NO.	Fused/ Non Fused	Conductor Range (Al/Cu)	
		Stranded	Solid
<b>In-Line Kits</b>			
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†			
<b>In-Line Variable-Range Kits</b>			
SLK 22 M	Fused	#2-#14	#2-#14
SLK 102 M		1/0-#2	#2-#14
SLK 1010 M		1/0-#2	1/0-#2
SLK 22-60 M*		#2-#14	#2-#14
SLK 102-60 M*		1/0-#2	#2-#14
SLK 1010-60 M*		1/0-#2	1/0-#2
SDK 22 M	Non-Fused	#2-#14	#2-#14
SDK 102 M		1/0-#2	#2-#14
SDK 1010 M		1/0-#2	1/0-#2

† Indicates twin housing.  
\* 60A fuse max. 60A fuses are 2 1/4" long.

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

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

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



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

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.

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

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

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

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

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

# Flood-Seal® Insulating Covers

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

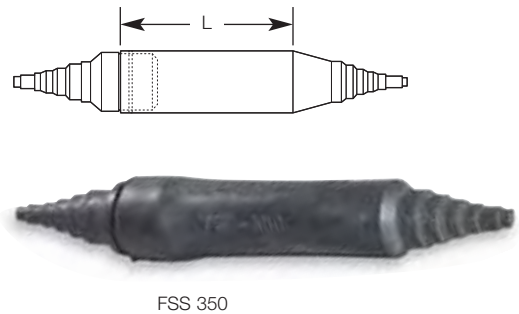


Underground Distribution

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.

## Ordering Information for FSS Series

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

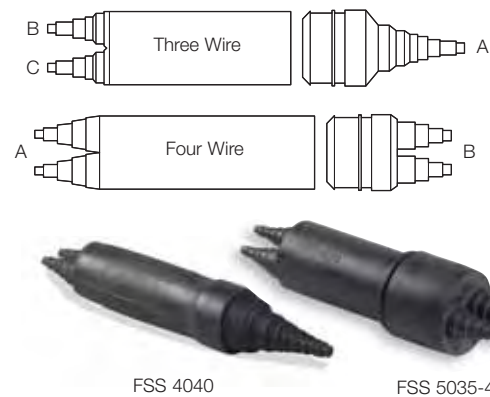


\* For 500 kcmil aluminum, remove liner from cap.

## Ordering Information for Twin-Tap\*

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

\* Not UL Listed.



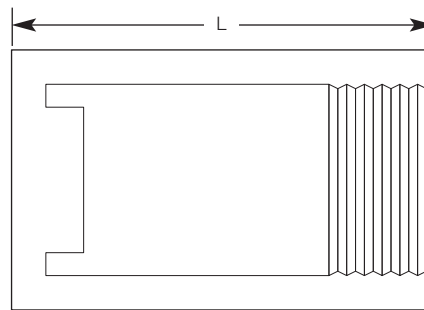
# Flood-Seal® Cable End Caps

Cap off your cable with our cable end caps.



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).

Underground Distribution



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

CAT. NO.	L	Decimal Range		MM		Concentric		Compressed		Compact	
		Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.
CAP 35	¾	.250	.425	6.4	10.8	#6	#2	#6	#2	#6	#2
CAP 45	⅞	.360	.562	9.1	14.3	#2	1/0	#2	1/0	#2	2/0
CAP 55	1	.455	.626	11.6	15.9	#1	3/0	#1	3/0	#1	3/0
CAP 65	1¼	.575	.750	14.6	19.0	2/0	250	3/0	300	3/0	300
CAP 85	1½	.720	.973	18.3	24.7	250	400	350	400	250	400
CAP 95*	1¾	.970	1.185	24.6	30.1	500	700	500	750	600	800
CAP 105*	2	1.120	1.400	28.4	35.6	750	1000	750	1000	800	1000
CAP 125*	2½	1.200	1.475	30.5	37.5	750	1000	750	1000	800	1000
CAP 130*	2¾	1.390	1.650	35.3	41.9	1233.7	1250	—	—	—	—
CAP 135*	3	1.465	1.750	37.2	44.5	1500	1578.8	—	—	—	—
CAP 145*	3½	1.650	1.925	41.9	49.0	1973.5	2000	—	—	—	—
CAP 150*	4	1.860	2.230	47.2	56.6	Fits High-Voltage Cable Only					
CAP 155*	4½	2.150	2.500	54.6	63.5	Fits High-Voltage Cable Only					

\* Indicates cap with internal protective button.

NOTE: Conductor ranges shown are for outer diameter over cable insulation.  
For cable sizes not listed, please consult your Thomas & Betts representative.

# Flood-Seal® Pipe/Conduit Seals

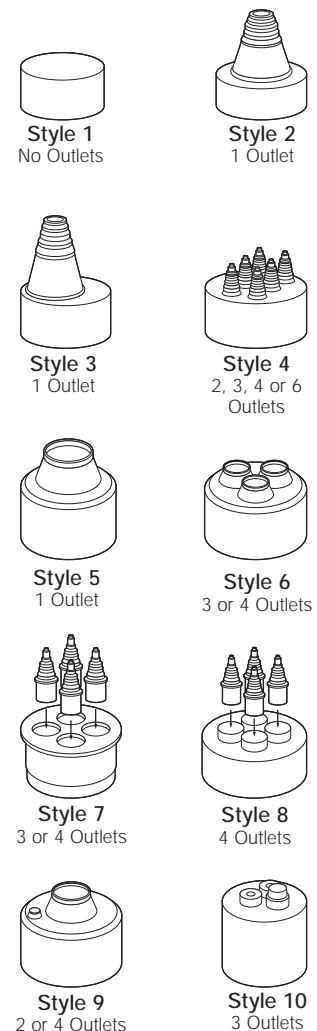
Rubber-insulated end caps for commercial pipes and conduits.

Underground Distribution

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



Ordering Information for Flood-Seal® Pipe/Conduit Seals					
CAT. NO.	Pipe Size (IPS)	Style	Ranges		Outside Body Length
			Conductor	Decimal	
CIC 75-3	¾	10	#14-#10	—	1½
CIC 50-3	½	10	#14-#10	—	1½
CIC 1-4	1	4	(4)#14-#4	SL-.380	2 <sup>15</sup> / <sub>32</sub>
CIC 150	1½	5	—	.720-1.200	1½
CIC 15-320		6	(3)#2-2/0	.370-.580	1½
CIC 15-420		6	(4)#2-2/0	.370-.580	1½
C-5230	2	4	(2)#14-350, (1)#14-1/0	SL-.910, SL-.540	1½
C-5035		4	(1)#14-400, (1)#14-500	SL-.980, SL-1.175	1 <sup>5</sup> / <sub>16</sub>
C-5231		4	(3)#14-350, (1)#14-4/0	SL-.980, SL-.690	2
CIC 200		5	—	1.093-1.562	2
CIC 201	5	—	.937-1.145	4	
PS 2	7	(3)#14-250	SL-.765	1 <sup>3</sup> / <sub>16</sub>	
3133	2½	2	300-1500	.760-1.880	2½
3133-6		2	300-1500	.760-1.880	6½
CIC 25-440		4	(4)#2-4/0	.390-.690	2¼
CAP 250		1	NA	NA	3
PS 25	7	(2)#14-350, (1)#14-250	SL-.980, SL-.765	1 <sup>3</sup> / <sub>16</sub>	
3135	3	2	350-2000	.830-2.234	2½
CAP 300		1	NA	NA	2½
CVC 3*		6	—	(3)1.093-1.562	2 <sup>1</sup> / <sub>16</sub>
CNC 3-1G		9	—	(1)1.031-1.531, (1).280-.420	2½
PS 3	7	(3)#14-350, (1)#14-250	SL-.980, SL-.765	1 <sup>3</sup> / <sub>16</sub>	
PSX 3	3½	9	(3)#14-350, (1)#14-250	SL-.980, SL-.765	2½
PSX 35		8	(3)#14-500, (1)#14-250 & 350-500	SL-1.175 SL-.765	3 <sup>15</sup> / <sub>16</sub>
3138		4	#14-400	SL-.980	2
6318	4	3	—	1.500-3.00	2 <sup>1</sup> / <sub>16</sub>
CAP 400		1	NA	NA	2 <sup>1</sup> / <sub>16</sub>
CNC 4-1G		9	—	(1)1.031-1.531, (1).280-.420	2½
CVC 4*		6	—	(3)1.125-1.875	3¾
PS 4	7	(3)#14-500, (1)#14-350	SL-1.175, SL-.980	1¾	
CIC 401	2	—	.830-2.234	3½	
CAP 500	5	1	NA	NA	2 <sup>15</sup> / <sub>16</sub>
CVC 5*		6	—	1.250-2.00	3¾
PS 5		7	(3)#2-1500, (1)#14-500	.370-1.600, SL-1.175	2½
PS 6	6	7	(4)#2-1500	.370-1.600	2¾



\* Vent cap, not watertight.

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





**QUICK REFERENCE**

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

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URD Connectors  
& Covers



**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.

# Aluminum Flood-Seal® Mechanical Connectors

## Save outlet space.

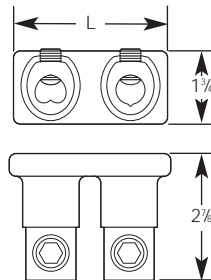


These connectors feature the Sweetheart® outlet configuration that nests two equal-sized service cables from #6 to 2/0 or two different-sized cables from #2 to 2/0, saving you outlet space and consequent cost. Unique cable outlets permit the use of streetlight wire either in original construction or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

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

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

CAT. NO.	Cable Range Feeder Outlet S/L	Outlets	L
SHC 21	#6-350 #14 sol.-#6	2	3¼
SHC 22		2	3¼
SHC 121		3	5¼
SHC 212		3	5¼
SHC 2112		4	7
SHC 21212		5	8½

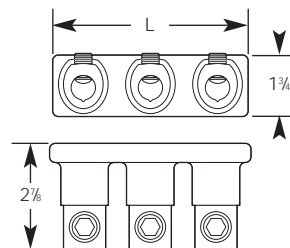


SHC 121

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

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

CAT. NO.	Cable Range	Outlets	L
SHC 2	#6-350	2	3¼
SHC 3		3	5¼
SHC 4		4	7
SHC 5		5	8½
SHC 6		6	10¾
SHC 8		8	14½



SHC 6

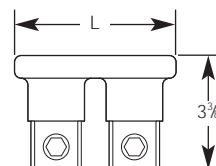
NOTE: All outlets are provided with insulating rocket sleeves, with one sleeve having the streetlight capability.  
 Cable range is 1/0 to 350 kcmil when using a streetlight tap.



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

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

CAT. NO.	Outlets	Wire Range	L
SHC 500-2	2	#2-500	3¾
SHC 500-3	3		6¼
SHC 500-4	4		8¾
SHC 500-5	5		10¾
SHC 500-6	6		12¾
SHC 500-8	8		17¾



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.



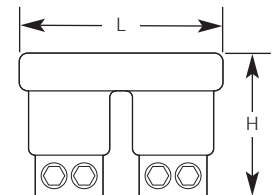
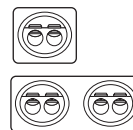
Features	Benefits/Descriptions
Dual-Rated	Use with a wide range of aluminum or copper cable.
Aluminum-Alloy Connector Construction	High strength and high conductivity.
Sweetheart Outlet Configuration	Doubles cable capacity and halves space requirements.
Single-Screw Design	All outlets sealed with Flood-Seal 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.

UFD Connectors &amp; Covers

## Ordering Information for 4/0 Outlets

CAT. NO.	Wire Range	L	H
SHC 240	#4-4/0	2 <sup>3</sup> / <sub>16</sub>	3 <sup>3</sup> / <sub>16</sub>
SHC 440		4 <sup>3</sup> / <sub>16</sub>	

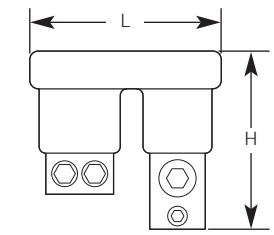
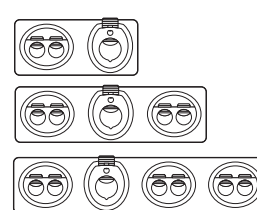
End View of Outlets



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

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

Top View of Outlets

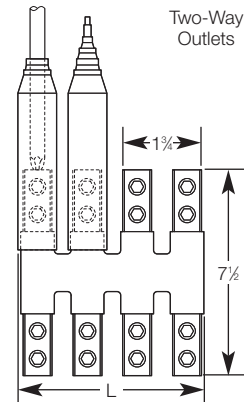
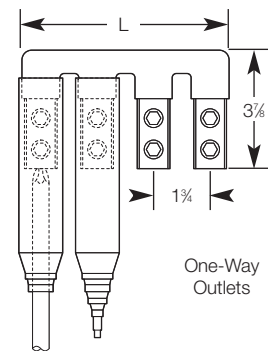


# Aluminum Flood-Seal® Twin-Screw Mechanical Connectors

For direct burial or above-ground pedestal installation.



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



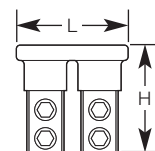
## Ordering Information for 350 kcmil Series

One-Way CAT. NO.	Outlets One-Way	Two-Way CAT. NO.	Outlets Two-Way	Length	Cable Range
UH 2 R	2	UH 22 R	4	3 3/4	#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 3/4	
UH 6 R	6	UH 66 R	12	10 1/4	
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 catalog number.

## Ordering Information for 500 kcmil Series

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



URD Connectors & Covers

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

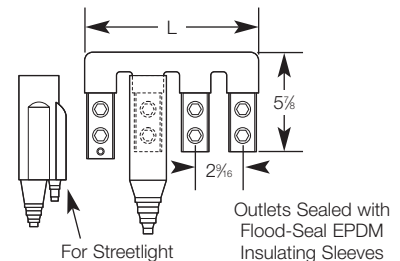


Versatile for direct burial or above-ground pedestals.

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

## Ordering Information for Submersible Connector with Streetlight Outlet

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



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

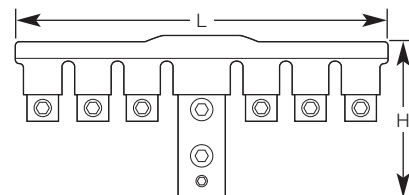
4/0 Outlets with 750 kcmil Feeder

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



350 Outlets with 750 kcmil Feeder

CAT. NO.	Wire Range	Outlets	L	H
UH 750-235 SLR	Feeder 1/0-750, Tap #12-4/0, S/L #14-#4	(2) 350 (1) 750	5½"	6"
UH 750-435 SLR		(4) 350 (1) 750	9"	
UH 750-635 SLR		(6) 350 (1) 750	13½"	



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

URD Connectors & Covers

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



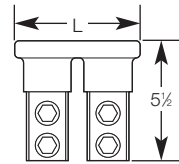
Twin screws double the reliability of ordinary set-screw connectors.

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

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

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



UH 1000-4 R

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

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

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



UH 1000-22 R

## Ordering Information for UH 1000 Series with 350 Services

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



UH 1000-242 R

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

High-performance, dual-rated connectors.



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

## Ordering Information for RAB 1/0 Series

CAT. NO.	Conductor Range	Outlets	Length
RAB 1/0-2	#14-1/0	2	1 $\frac{3}{4}$
RAB 1/0-3		3	2 $\frac{39}{64}$
RAB 1/0-4		4	3 $\frac{1}{16}$
RAB 1/0-5		5	4 $\frac{7}{32}$
RAB 1/0-6		6	5 $\frac{1}{8}$
RAB 1/0-7		7	5 $\frac{31}{32}$
RAB 1/0-8		8	6 $\frac{19}{16}$
RAB 1/0-9		9	7 $\frac{1}{32}$
RAB 1/0-10		10	8 $\frac{1}{2}$
RAB 1/0-21		3	2 $\frac{39}{64}$
RAB 1/0-22		4	3 $\frac{1}{16}$
RAB 1/0-31		4	3 $\frac{1}{16}$
RAB 1/0-32		5	4 $\frac{7}{32}$
RAB 1/0-33		6	5 $\frac{1}{8}$
RAB 1/0-42		6	5 $\frac{1}{8}$



URD Connectors &amp; Covers

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

## Ordering Information for RAB 350 Series

CAT. NO.	Conductor Range	Outlets	Length
RAB 2	#12 sol.-350	2	2 $\frac{1}{16}$
RAB 3		3	3 $\frac{3}{8}$
RAB 4		4	4 $\frac{19}{16}$
RAB 5		5	6
RAB 6		6	7 $\frac{1}{2}$
RAB 8		8	9 $\frac{1}{16}$
RAB 10		10	11 $\frac{15}{16}$



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



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

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

Ideal for direct-burial, pedestal or vault installations.

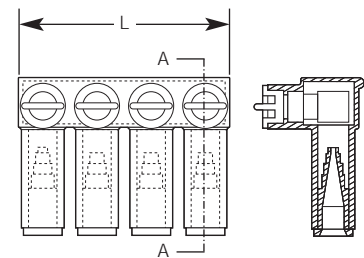


USB43S

URD Connectors & Covers

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.

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



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

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



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

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

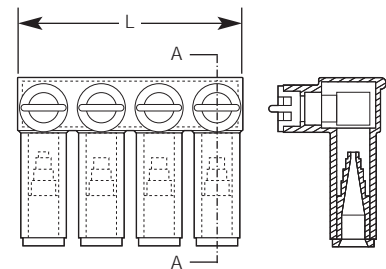


RXL 4

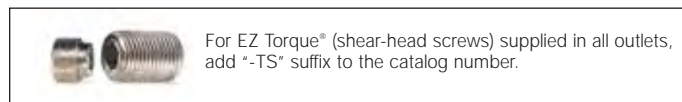
Features	Benefits/Descriptions
Wide Port Spacing	Makes installation easier.
Field-Adaptable Cable Sleeves	Enable installation on a wide range of conductor sizes.
Bars Constructed of 6061-T6 Aluminum Alloy	Provides high strength and high conductivity.
Standard Aluminum Set Screws with 5/16" Socket Hex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

## Ordering Information for RXL 350 Series

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



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



## Ordering Information for RXL 600 Series

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



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

URD Connectors &amp; Covers

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

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

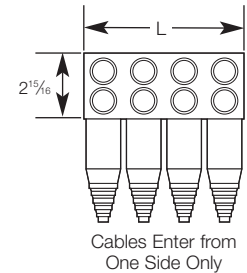
Features	Benefits/Descriptions
Flood-Seal EPDM Insulating Rockets	Field tested in more than 10 million applications.
6061-T6 Aluminum Connector Construction	Provides high strength and high conductivity.
Dual-Rated	Accept a wide range of copper or aluminum conductors, from #2 solid to 1000 kcmil.
Ball-Bottom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

## Ordering Information for Cable Entry One Side Only

CAT. NO.	Outlets	Length
RXM 2	2	3 <sup>5</sup> / <sub>16</sub>
RXM 4	4	7 <sup>1</sup> / <sub>4</sub>
RXM 6	6	10 <sup>5</sup> / <sub>16</sub>
RXM 8	8	14 <sup>1</sup> / <sub>2</sub>
RXM 10	10	18 <sup>5</sup> / <sub>16</sub>
RXM 12	12	21 <sup>1</sup> / <sub>4</sub>



RXM 4

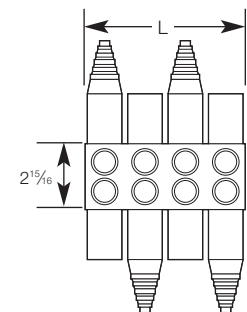


## Ordering Information for Cable Entry from Either Side

CAT. NO.	Outlets	Length
RXM 22	4	7 <sup>1</sup> / <sub>4</sub>
RXM 33	6	10 <sup>5</sup> / <sub>16</sub>
RXM 44	8	14 <sup>1</sup> / <sub>2</sub>
RXM 66	12	21 <sup>3</sup> / <sub>4</sub>



RXM 22



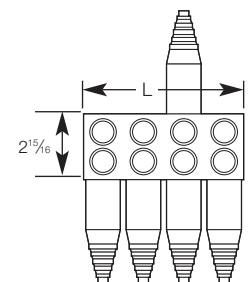
Example: RXM 22 accommodates a maximum of 4 cables, accessible from either side.

## Ordering Information for Custom Orders

CAT. NO.	Outlets	Length
RXM 31	4	7 <sup>1</sup> / <sub>4</sub>
RXM 42	6	10 <sup>5</sup> / <sub>16</sub>



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 catalog number.

URD Connectors & Covers

# Aluminum Flood-Seal® 95 Series Service Entrance Connectors

Suitable for direct burial or installation in an enclosure.

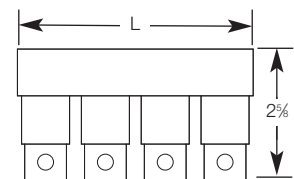


FS 95-6

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

## Ordering Information for 95 Series Service Entrance Connectors

CAT. NO.	Outlets	L
FS 95-2	2	2 $\frac{3}{4}$
FS 95-3	3	4 $\frac{1}{4}$
FS 95-4	4	5 $\frac{3}{4}$
FS 95-5	5	7 $\frac{1}{4}$
FS 95-6	6	8 $\frac{3}{4}$
FS 95-7	7	10 $\frac{1}{4}$
FS 95-8	8	11 $\frac{3}{4}$
FS 95-9	9	13 $\frac{1}{4}$
FS 95-10	10	14 $\frac{3}{4}$



URD Connectors &amp; Covers

# Flood-Seal® 95 Series Terminal Kits

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

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



CFB 350 CS

## Ordering Information for 95 Series Terminal Kits

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

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

Force-Fit Kit includes (1) dual-rated aluminum center-formed lug, (1)  $\frac{3}{8}$ " 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)  $\frac{3}{8}$ " Allen head mounting bolt, (1) Belleville washer and (1) heat-shrink tubing.

# Aluminum Flood-Seal® 125 Series Connectors

Choose one-way configuration or two-way configuration.

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

URD Connectors & Covers

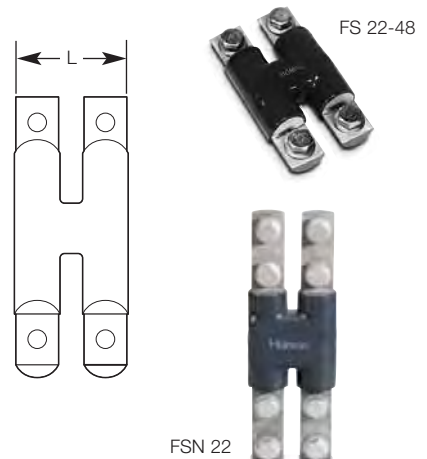
## Ordering Information for One-Way Configuration

One-Bolt Design CAT. NO.	Two-Bolt Design CAT. NO.	Outlets	L
FS 2-125	FNS 2-125	2	3½
FS 3-125	FNS 3-125	3	5%
FS 4-125	FNS 4-125	4	7¼
FS 5-125	FNS 5-125	5	9%
FS 6-125	FNS 6-125	6	11
FS 7-125	FNS 7-125	7	12%
FS 8-125	FNS 8-125	8	14¾
FS 9-125	FNS 9-125	9	16%
FS 10-125	FNS 10-125	10	18½



## Ordering Information for Two-Way Configuration

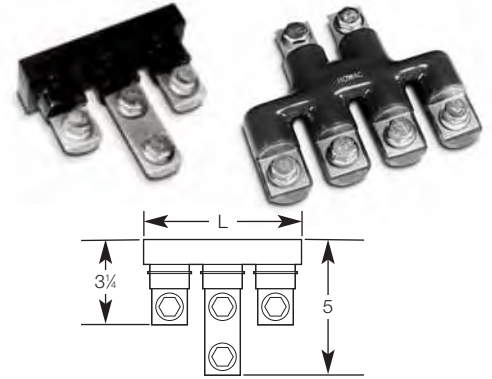
One-Bolt Design CAT. NO.	Two-Bolt Design CAT. NO.	Outlets	L
FS 11-48	FNS 11	2	1½
FS 22-48	FNS 22	4	3%
FS 33-48	FNS 33	6	5%
FS 44-48	FNS 44	8	7%
FS 55-48	FNS 55	10	8%
FS 66-48	FNS 66	12	10%
FS 77-48	FNS 77	14	12%
FS 88-48	FNS 88	16	14½
FS 99-48	FNS 99	18	16%



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

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

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

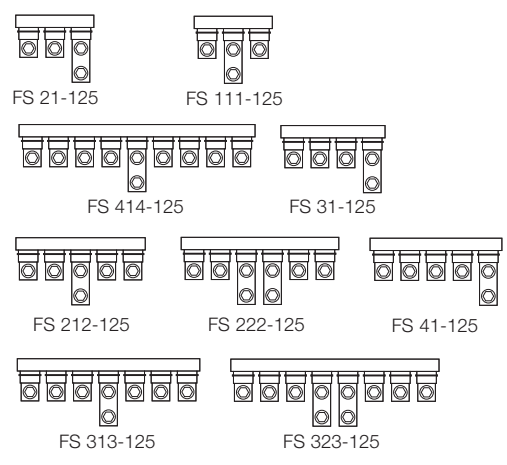


Features	Benefits/Descriptions
Designed for Maximum Contact	Ensures cooler operation and more reliable joints.
Outlets Equipped with 1/2" Hex-Head Bolts with Captive Belleville Washers	Accept standard one- or two-hole NEMA aluminum or copper lugs.
All Outlets Approved for Full Cable Rating	Safe and reliable.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

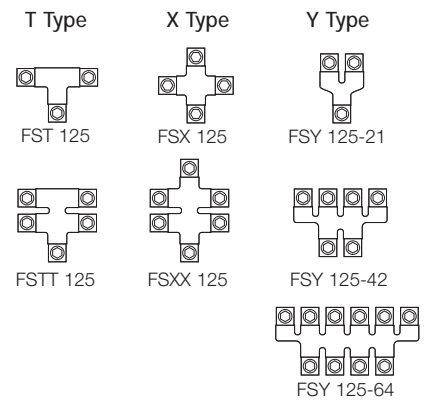
URD Connectors &amp; Covers

Ordering Information for EPDM-Insulated, One-Way Configuration		
CAT. NO.	Outlets	L
FS 21-125	3	5%
FS 111-125	3	5%
FS 414-125	9	16%
FS 31-125	4	7%
FS 212-125	5	9%
FS 222-125	6	11
FS 41-125	5	9%
FS 313-125	7	12%
FS 323-125	8	14%

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



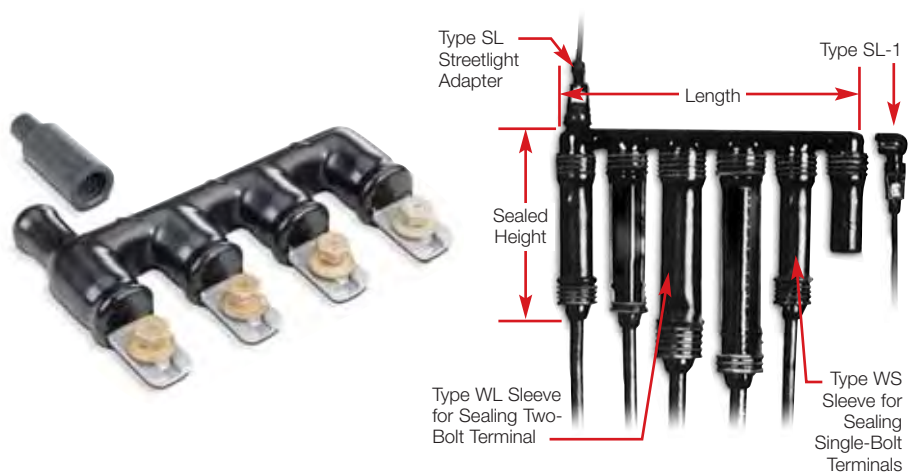
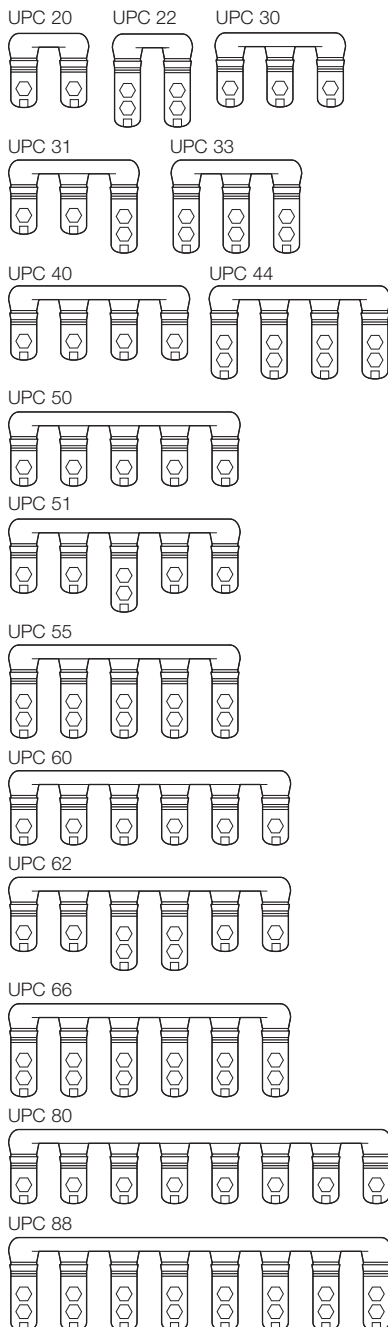
Ordering Information for PVC-Insulated, Two-Way Configuration	
CAT. NO.	Outlets
FST 125	3
FSTT 125	5
FSX 125	4
FSXX 125	6
FSY 125-21	3
FSY 125-42	6
FSY 125-64	10



# Flood-Seal® Bus Connectors

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

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



URD Connectors & Covers

## Ordering Information for Flood-Seal® Bus Connectors

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

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

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

# Submersible Streetlight Connectors

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



USL 11

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

## Ordering Information for Submersible Streetlight Connectors

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

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

# Streetlight Adapter

Connect your small conductors to a Squid® bus junction.



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

## Ordering Information for Streetlight Adapter

CAT. NO.	Description
SLA 1	Streetlight Adapter

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

# Aluminum Flood-Seal® 175 Series Connectors

High-conductivity aluminum connectors.



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

### Accessories

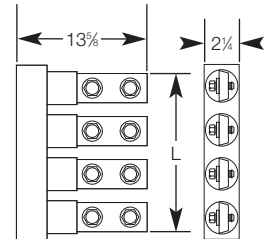
— sold separately



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



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



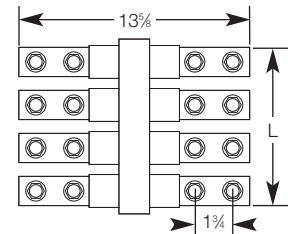
### Ordering Information for Aluminum 175 Series

#### One-Way Configuration

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

#### Two-Way Configuration

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



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

## Squid® Sealing Sleeves

Make seals without tape, compound or heat source.



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

### Ordering Information for Squid® Sealing Sleeves

CAT. NO.	For Use On	Sealing Range (Cond. O.D. Over Insulation)	Length in.
WS 2 P	Single-Bolt UPC, SCU	.4-.9	6 <sup>1</sup> / <sub>16</sub>
WL 2 P	Two-Bolt UPC, UPB, SCU	.4-.9	8 <sup>1</sup> / <sub>16</sub>
WL 3 P	UPC, UPB, SCU	.5-1.2	8 <sup>1</sup> / <sub>16</sub>
WB 20 P	UB	.4-.9	5%
SC	Small Conductor Adapter for WS, WL 2 and WB Sleeves	.2 - .4	—
WHB 3 P	UBC Bus (large terminal)	.5-1.3	7%
SPL 6	Squid Type WL Sleeves, for #6 Stranded through 4/0 Connections	.6-.7	—





# Copper Flood-Seal® 175 Series Connectors

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



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

Accessory — sold separately

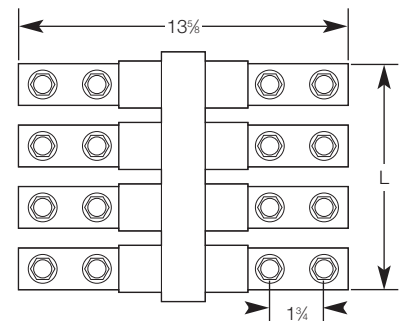
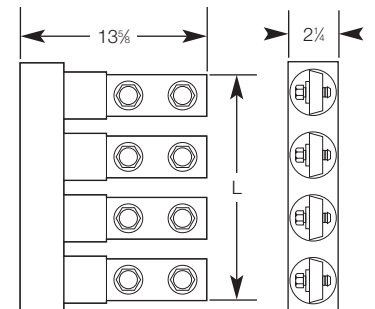
FS 1175 Flood-Seal EPDM rubber insulating sleeve covers the entire conductor range. Use the Flood-Seal 175 Dual Adapter Kit (page 80) for two conductors per outlet.



## Ordering Information for Copper 175 Series

One-Way Configuration			Two-Way Configuration		
CAT. NO.	Outlets	L	CAT. NO.	Outlets	L
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

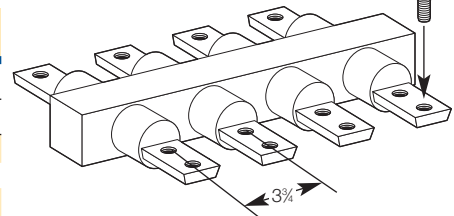
# Flood-Seal® 175 Series Bus Connectors

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.

### Ordering Information for 175 Series Bus Connectors

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

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

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

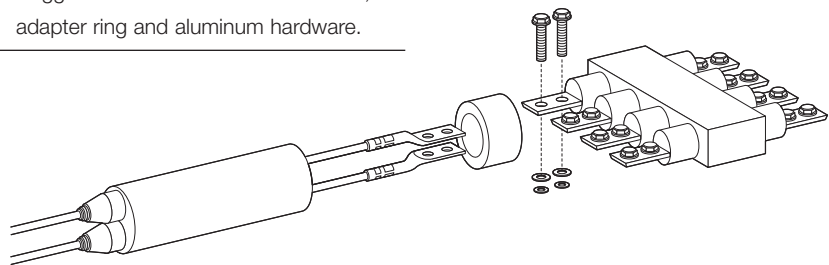
FXL 22-175 CU	4
FXL 33-175 CU	6
FXL 44-175 CU	8
FXL 66-175 CU	12

URD Connectors & Covers

# Flood-Seal® 175 Dual Adapter Kit

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

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



### Ordering Information for 175 Dual Adapter Kit

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

NOTE: Connector not included.

QUICK REFERENCE

Above-Ground  
Pedestal Connectors  
& Covers

page(s)

Pedestal Connectors . . . . . 82–85

Aluminum Cable Blocks . . . 86–87

Aluminum Pedestal  
Connectors & Covers . . . . . 88



Above-Ground Pedestal  
Connectors & Covers

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

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

# Aluminum Lay-In Pedestal Connectors

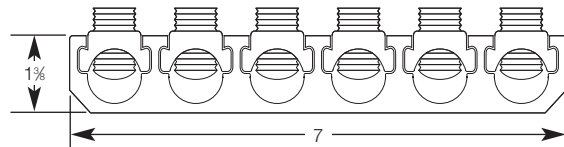
Effortlessly install or remove large, stiff cables in confined areas.



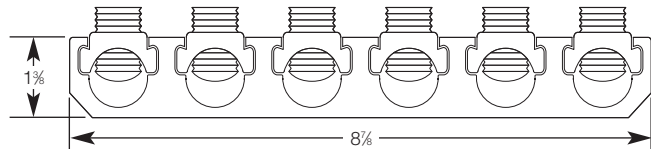
Features	Benefits/Descriptions
Cables Are Easily Placed into the Keeper Slot	Minimizes the hassle and hazards of having to force cables into the closed cable ports found on conventional mechanical connectors. You save time and labor.
Require Only a Cable Stripper and Allen Hex Wrench	No crimping tools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

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

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



ABCK 6350



ABCK 6600

Above-Ground Pedestal Connectors & Covers

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

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

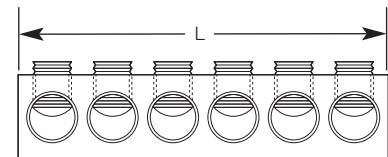


ABC 4350

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

## Ordering Information for Single-Line Bar

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



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



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

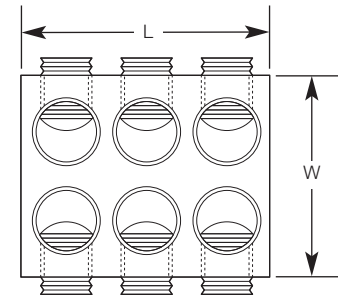
# Aluminum Set-Screw Bar Pedestal Connectors — Double-Row Bar

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



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

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



Above-Ground Pedestal Connectors & Covers

\* EPDM Flexi-Boot, see page 88.  
 \*\* For other insulating covers, please consult your Thomas & Betts representative.

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

# Aluminum Pedestal Connectors

Insulated and uninsulated pedestal connectors with up to 10 outlets.

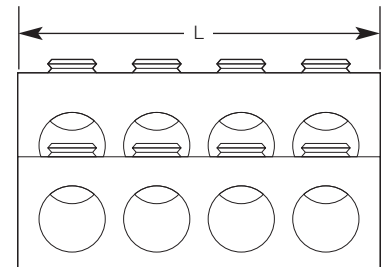
ZVB 5053



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

## Ordering Information for Insulated & Uninsulated Pedestal Connectors

Insulated CAT. NO.	Uninsulated CAT. NO.	Outlets	L	Cable Range
ZVB 2023	ZBC 2023	4	2¼	#12–350
ZVB 3033	ZBC 3033	6	3¼	
ZVB 4043	ZBC 4043	8	4¼	
ZVB 5053	ZBC 5053	10	5¼	
ZVB 2025	ZBC 2025	4	2 <sup>7</sup> / <sub>16</sub>	#6–500
ZVB 3035	ZBC 3035	6	3 <sup>9</sup> / <sub>16</sub>	
ZVB 4045	ZBC 4045	8	4 <sup>11</sup> / <sub>16</sub>	
ZVB 5055	ZBC 5055	10	5 <sup>13</sup> / <sub>16</sub>	


 Above-Ground Pedestal  
Connectors & Covers

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

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

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



CSB 250-5 S

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

## Ordering Information for One-Way Configuration

CAT. NO.	No. of Outlets	Wire Range	Screw Size	Dimensions (in.)		
				Length	Width	Height
CSB 4-2 S	2	#4-#14	Slotted	1 1/8	1 1/2	1 1/8
CSB 4-3 S	3			1 1/16		
CSB 4-4 SAH*	4			2 1/16		
CSB 4-5 S	5			2 3/16		
CSB 4-6 S	6			3 1/16		
CSB 4-7 S	7			3 3/16		
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 3/8				
CSB 2/0-5 S	5	3 7/8				
CSB 2/0-6 S	6	4 3/8				
CSB 2/0-7 S	7	5 3/8				
CSB 2/0-8 S	8	6 3/8				
CSB 250-2 S	2	250-#6	5/16 Hex		1 1/8	2 1/2
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 1/8		
CSB 500-5 S	5			6 1/8		
CSB 500-6 S	6			7 1/8		
CSB 500-7 S	7			9 1/8		
CSB 500-8 S	8			10 3/8		

\* Not UL Listed, includes hex screw.

Above-Ground Pedestal Connectors & Covers



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

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



CSB 500-8

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

## Ordering Information for Two-Way Configuration

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

Above-Ground Pedestal Connectors &amp; 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.

Ordering Information for Insulated Connectors		
CAT. NO.	Outlets	Wire Range
CLR 340	3	#12-4/0
CLR 440	4	
CLR 540	5	
CLR 640	6	
CLR 3350	3	#12-350
CLR 4350	4	
CLR 5350	5	
CLR 6350	6	



# Insulating Covers for Set-Screw Bar Pedestal Connectors

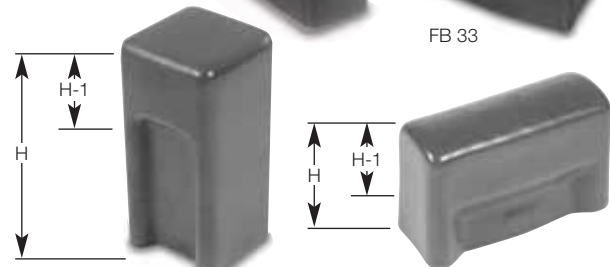
Rugged insulating covers to protect pedestal connectors.

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

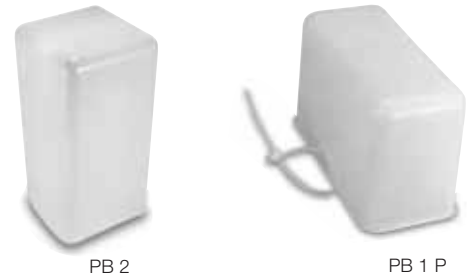
Ordering Information for EPDM Rubber FB Series			
CAT. NO.	Height	Length	Width
FB 33	5 $\frac{1}{4}$	4 $\frac{3}{4}$	3 $\frac{3}{8}$
FB 6 L	3 $\frac{1}{2}$	7 $\frac{1}{4}$	2 $\frac{1}{8}$



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



Ordering Information for Polyethylene PB Series			
CAT. NO.	Height	Length	Width
PB 2	8	4	4 $\frac{3}{8}$
PB 1 P	4	6 $\frac{1}{4}$	2 $\frac{1}{2}$



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

Above-Ground Pedestal Connectors & Covers



**QUICK REFERENCE**

**Padmount Transformer Connectors** page(s)

Transformer Connectors . . . 90-109

Transformer Adapters . . . 110-111

Transformer Spade Connectors . . . . . 112-120

Transformer Spade Adapters . . . . . 121

Transformer & Network Protection . . . . . 122

Insulating Boots & Covers . . . . . 123-124

Equipment Locks . . . . . 125



**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.

Padmount Transformer Connectors

# 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.

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



EZC 6500 SL

\* Two set-screws per outlet.

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


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



EZB 6500 SL

\* Two set-screws per outlet.

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



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

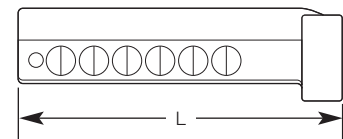
Padmount Transformer Connectors

# Aluminum Transformer Connectors — CSW and CSS Series



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

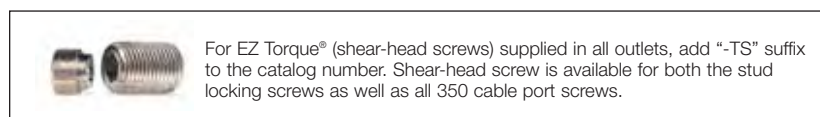
Features	Benefits/Descriptions
Clear PVC Insulating Boot	Enables safe and time-saving installations and disconnects. It features self-sealing wrench outlets and self-adjusting cable outlets.
Disconnectable	Easy to install or remove.
Dual-Rated	Accepts aluminum or copper conductors.
Wide Cable Ranges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



## Ordering Information for Aluminum Transformer Connectors

Quick Disconnect CAT. NO.	Screw-On Style CAT. NO.	Stud Size	Outlets	Insulator Length	Cable Range
CSW 4350	CSS 4350	5/8"	4	5 1/16"	#12-350
CSW 6350	CSS 6350	3/4"	6	7 1/16"	
CSW 8350	CSS 8350	7/8"	8	9 1/16"	
CSW 4350-1	CSS 4350-1	1"	4	11 1/16"	
CSW 6350-1	CSS 6350-1	1"	6	5 3/16"	
CSW 8350-1	CSS 8350-1	1"	8	7 3/16"	
CSW 4500-58	CSS 4500-58	5/8"	4	9 1/16"	#2-500
CSW 6500-58	CSS 6500-58	3/4"	6	11 1/16"	
CSW 8500-58	CSS 8500-58	7/8"	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 catalog number.  
For streetlight-outlet option, add "-SL" suffix to the catalog number.



Padmount Transformer Connectors

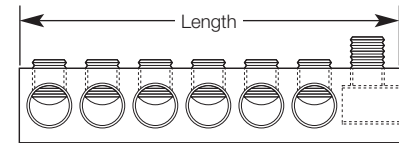
# Aluminum Quick Disconnect Transformer Connectors — ABW In-Line Bar Series



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.



## Ordering Information for ABW — In-Line Bar

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

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



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

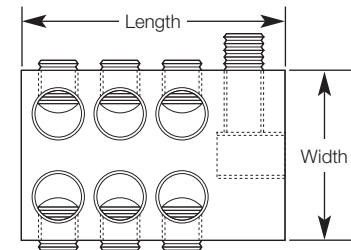
# Aluminum Quick Disconnect Transformer Connectors — ABW Double-Row Bar Series

Dual-rated for aluminum or copper conductors.



ABW 350-33


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



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

CAT. NO.	Outlets	Length	Width	Boot No.	Cable Range	Stud Size
ABW 40-22	4	3½	2½	SB 16	#6-250	¾
ABW 40-33	6	4¼		SB 16		
ABW 40-44	8	5⅝		SB 16		
ABW 350-22	4	4		SB 16	#12-350	
ABW 350-33	6	4⅞		SB 16		
ABW 350-44	8	5⅝		SB 2163-38		
ABW 500-22	4	4⅞	2¾	SB 2151	#6-500	1
ABW 500-33	6	5⅞		SB 2158		
ABW 500-44	8	6⅞		SB 2158		
ABW 750-22	4	4¾		SB 2158	1/0-750	
ABW 750-33	6	6⅞		SB 2158		
ABW 750-44	8	7⅞		SB 2163-7		

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



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

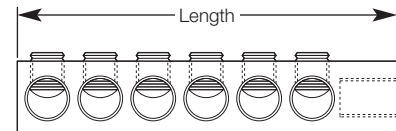
Padmount Transformer Connectors

# 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.



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

CAT. NO.	Boot No.	Stud Size	Outlets	Length	Cable Range
ABS 240	Refer to T&B Rep	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 1/8	
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 1/16	
ABS 2350	Refer to T&B Rep	5/8	2	3 3/4	
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 catalog number.  
 For streetlight-outlet option, add "-SL" suffix to the catalog number.  
 For insulating boots, see page 124.  
 For special applications and stud sizes, please consult your Thomas & Betts representative.



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

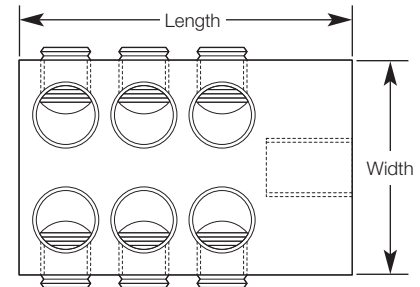


# Aluminum Screw-On Transformer Connectors — ABS Double-Row Bar Series

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



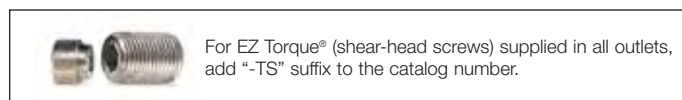
Features	Benefits/Descriptions
High-Strength Aluminum Alloy	Maintains constant bolting pressure on conductors.
Disconnectability	Easy to remove from transformer secondary threaded studs.
Dual-Rated	Accepts aluminum or copper conductors.
Standards Compliant	Meets or exceeds ANSI C119.4 specifications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



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

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

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



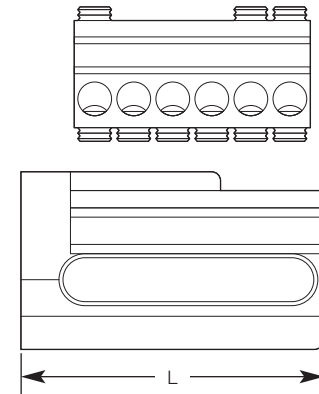
# Aluminum Universal Quick Disconnect Transformer Connectors — RAU Series

Dual-rated solutions.



RAU 6500

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



## Ordering Information for RAU Series Connectors

CAT. NO.	Outlets	Insulator Length	Cable Range
RAU 4500	4	5 1/2"	#6-500
RAU 6500	6	6 3/4"	
RAU 8500	8	8 3/4"	

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

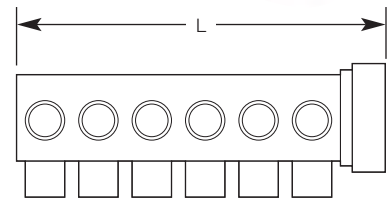
# Aluminum Quick Disconnect Transformer Connectors — LRTR Series

Get left-hand or right-hand installation capability.



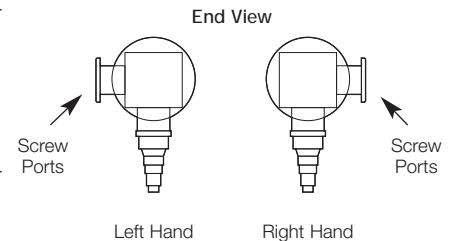
LRTR 8

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



## Ordering Information for LRTR Series Connectors

CAT. NO.	Outlets	L	Wire Size	Stud Size
LRTR 4	4	7"	#12-350	3/8"
LRTR 6	6	9"		
LRTR 8	8	11"		
LRTR 4W*	4	7"		
LRTR 6W*	6	9"		
LRTR 8W*	8	11"		



\* Watertight cable and screw ports.

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



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

Padmount Transformer Connectors

# Aluminum Quick Disconnect Transformer Connectors — CLRTR Series

See more of what you're doing.™



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

## Ordering Information for CLRTR Series Connectors

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

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



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

# Aluminum Quick Disconnect Transformer Connectors — ABD Series

Dual-rated and streetlight ready.



ABD 8350 SL


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

## Ordering Information for ABD Series Connectors

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

\* Double-row configuration.

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



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

# AD Series Adapter

The adapter made for the ABD Series.



AD 58

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

## Ordering Information for AD Series Adapter

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

# Aluminum Quick Disconnect Transformer Connectors — LRT Series

Clearly the best deadfront connector.




LRT 6350

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

## Ordering Information for Aluminum Quick Disconnect Transformer Connectors

CAT. NO.	Outlets	Insulator Length	Wire Range
LRT 2350	2	7¼	#12-350
LRT 4350	4		
LRT 6350	6	10¼	
LRT 8350	8		

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



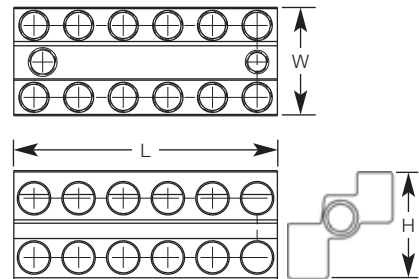
For EZ Torque® (shear-head screws) supplied in all outlets, add "-TS" suffix to the catalog number. Shear-head screw is available for both the stud locking screws as well as all 350 cable port screws.

# Transformer Connectors — TWB™ Series

Compact design doubles cable capacity and halves cantilever stress.



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



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

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

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

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

NOTE: To order connectors without oxide inhibitor, remove "9" from the catalog number.  
 To order a kit containing two insulated and one uninsulated connectors, add "-K21" suffix to the catalog number  
 For streetlight option, add "S" before "D" or "J" to the catalog number. Option is for wire ranges #14 to 1/0.  
 To order TWB connector with a cover, add "-C" suffix to the catalog number for a lock-on version or "-CS" suffix to the catalog number for a slip-on version.  
 For additional product options, please consult your Thomas & Betts representative.

Padmount Transformer Connectors

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



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

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

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

CAT. NO.	Outlets	Conductor Range	Stud Size
ZVW 4023 EZSL	6	#12–350	$\frac{5}{8}$ & 1
ZVW 5033 EZSL	8		
ZVW 4025 EZSL	6	#6–500	
ZVW 5035 EZSL	8		



ZVW 4023 EZSL

Padmount Transformer Connectors

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

## Ordering Information for 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	$\frac{5}{8}$ & 1
Z 5033 EZSL	8	EZ 5912-7		
Z 4025 EZSL	6	EZ 5912-3	#6–500	
Z 5035 EZSL	8	EZ 5912-7		



Z 4023 EZSL

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



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

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



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

Features	Benefits/Descriptions
Compact Zeebar® Design	Halves cantilever stress and doubles cable capacity.
Easy to Install	All screws are on top. A 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 3/4" and 1" studs.
Dual-Rated	Accepts copper or aluminum conductors.
Ball-Bottom Screws	Ensure maximum conductor contact pressure. Also break up interstrand oxides.
Standards Compliant	Meets or exceeds ANSI C119.4 specifications.
RUS Accepted	Approved by the federal government for utility use.

## Ordering Information for ZVW-USL Series

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



ZVW 4045 USL

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

## Ordering Information for ZVW-SL Series

CAT. NO.	Outlets	L	Cable Range	Stud Type
ZVW 2044 SL	6	3 1/16	#12-4/0	%
ZVW 3054 SL	8	4%		
ZVW 4064 SL	10	5		
ZVW 2043-58 SL	6	4%	#12-350	
ZVW 3053-58 SL	8	5%		



ZVW 3053-58 SL

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

## Ordering Information for ZVW-1 SL Series

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



ZVW 5033-1 SL

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



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

Padmount 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 3/4" and 1" studs.
Ball-Bottom Screws	Ensure maximum conductor contact pressure. Also break up interstrand oxides.
Standards Compliant	Meets or exceeds ANSI C119.4 specifications.
RUS Accepted	Approved by the federal government for utility use.

## Ordering Information for Z-USL Series

CAT. NO.	Outlets	L	H	Cable Range	Stud Type
Z 3033 USL	6	5 5/8"	2 1/2"	#12-350	5/8" & 1"
Z 4043 USL	8	6 3/8"		#6-500	
Z 3035 USL	6	5 1/16"	3 3/8"		
Z 4045 USL	8	6 1/16"			
Z 3037 USL	6	6 1/16"			
Z 4047 USL	8	7 1/16"			



Z 4045 USL

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

## Ordering Information for Z-SL Series

CAT. NO.	Outlets	L	H	Cable Range	Stud Type
Z 2044 SL	6	3 15/16"	1 15/16"	#12-4/0	5/8"
Z 3054 SL	8	4 3/4"			
Z 4064 SL	10	5"	2"	#12-350	
Z 2043-58 SL	6	4 3/4"			
Z 3053-58 SL	8	5 1/4"			



Z 2043-58 SL

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

## Ordering Information for Z-1 SL Series

CAT. NO.	Outlets	L	H	Cable Range	Stud Type
Z 4023-1 SL	6	4 3/4"	2 1/2"	#12-350	1"
Z 5033-1 SL	8	5 3/4"		#6-500	
Z 4025-1 SL	6	5 1/2"			
Z 5035-1 SL	8	5 3/4"			



Z 5033-1 SL

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



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

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

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

MAGICONN™



LRT 44 UW



LRT 44 UX



LRT 33 U

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

## Ordering Information for Aluminum Transformer Connectors

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

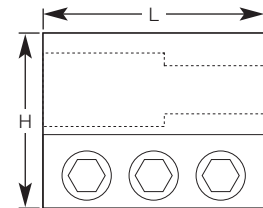
CAT. NO.	Cable Range	Outlets	Stud Size	L	H
LRT 33 UW	#12-350	6	5/8" & 1"	3	2 1/2"
LRT 44 UW		8		4	

LRT-UX Series — Fully Insulated

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

LRT-U Series — Bare Bar

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



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

## Clear PVC Insulating Cover for LRT Series

Clear insulating boot protects connections.



CBB 3344

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

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

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

Padmount Transformer Connectors

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

Compact design halves cantilever stress and doubles cable capacity.



LRT 4458 W



LRT 4458 X



LRT 2258

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.

## Ordering Information for Aluminum Transformer Connectors

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

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

### LRT-X Series — Fully Insulated

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

### LRT Series — Bare Bar

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

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

## Clear PVC Insulating Cover for LRT Series

Clear insulating boot protects connections.



CBB 3344

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

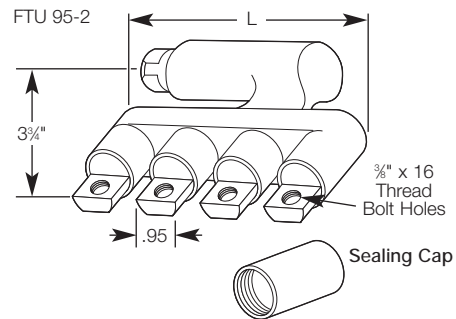
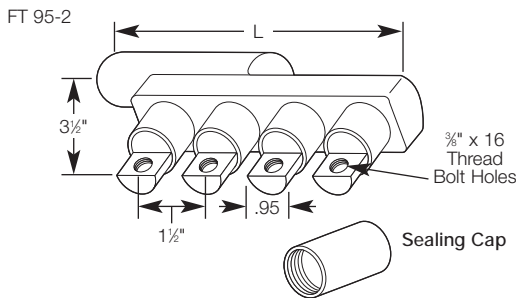
## Ordering Information for Clear PVC Insulating Cover for LRT Series

CAT. NO.	L	H
CBB 3344	4	4 1/4"

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

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

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



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

### FT 95 Series

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

### FTU 95 Series with Disconnectable Bushing Adapter

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

\* Double-row configuration.

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

### CS 2011 Flood-Seal® Rockets Sold Separately



CS 2011

Padmount Transformer Connectors

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

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



FTU 125-5

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

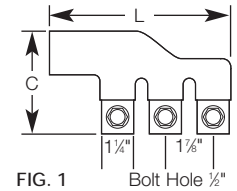


FIG. 1

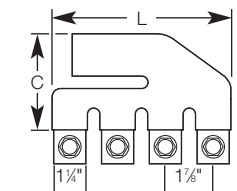


FIG. 2

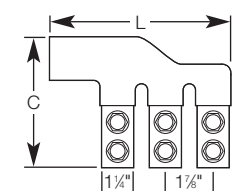


FIG. 3

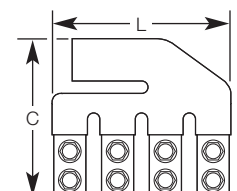


FIG. 4

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

CAT. NO.	Figure No.	C	L†	Outlets	Stud Size	CAT. NO.	Figure No.	C	L†	Outlets	Stud Size
FTU 125-2	1	3 3/8	4 7/8	2	5/8	FTU 2 N	3	5 5/8	4 7/8	2	5/8
FTU 125-3	1	3 3/8	6 1/8	3		FTU 3 N	3	5 5/8	6 1/8	3	
FTU 125-4	2	5 5/8	7 1/8	4		FTU 4 N	4	6 1/8	7 1/8	4	
FTU 125-5	2	5 5/8	9	5		FTU 5 N	4	6 1/8	9	5	
FTU 125-6	2	5 5/8	10 3/4	6		FTU 6 N	4	6 1/8	10 3/4	6	
FTU 125-44*	2	5 5/8	7 1/8	8		FTU 44 N*	4	6 1/8	7 1/8	8	
FTU 1-125-2	1	3 3/8	4 7/8	2	1	FTU 1-2 N	3	5 5/8	4 7/8	2	1
FTU 1-125-3	1	3 3/8	6 1/8	3		FTU 1-3 N	3	5 5/8	6 1/8	3	
FTU 1-125-4	2	5 5/8	7 1/8	4		FTU 1-4 N	4	6 1/8	7 1/8	4	
FTU 1-125-5	2	5 5/8	9	5		FTU 1-5 N	4	6 1/8	9	5	
FTU 1-125-6	2	5 5/8	10 3/4	6		FTU 1-6 N	4	6 1/8	10 3/4	6	
FTU 1-125-44*	2	5 5/8	7 1/8	8		FTU 1-44 N*	4	6 1/8	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 catalog number.  
 For complete assembly with CSN 2011 insulating rockets, add "-AWR" suffix to the FTU-N catalog number.  
 For other accessories, see pages 74-75.  
 All Transformer Connectors include threaded bushing adapter, bushing stud cover, jam nut and lug mounting hardware.

### Flood-Seal® Rockets Sold Separately



CS 2011

← For 1-Hole Outlet Connectors



CSN 2011

← For 2-Hole Outlet Connectors

## Stud Adapter Kit

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

### Ordering Information for Stud Adapter Kit

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

NOTE: Includes Stud Cover and Jam Nut.

Padmount Transformer Connectors

# Submersible Transformer Bus

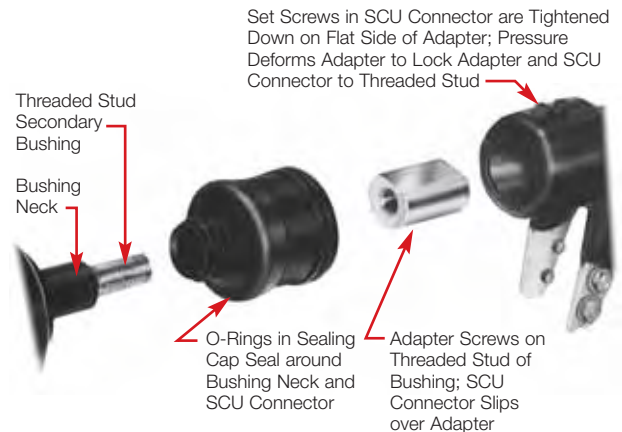
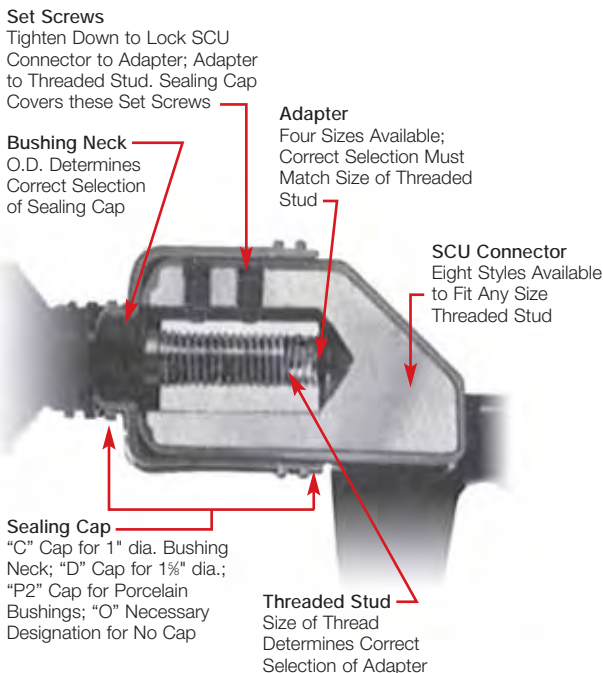
Removable connector is designed for a padmount or submersible transformer's threaded-stud secondary bushings.

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



Type P2 Cap  
For Porcelain Bushings

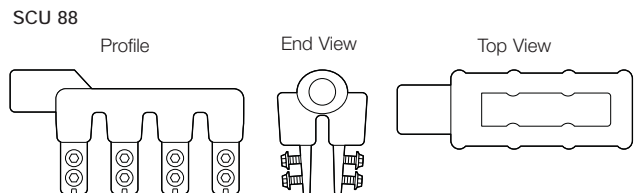
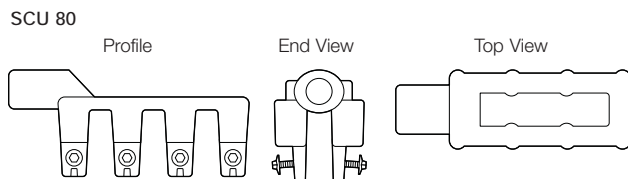
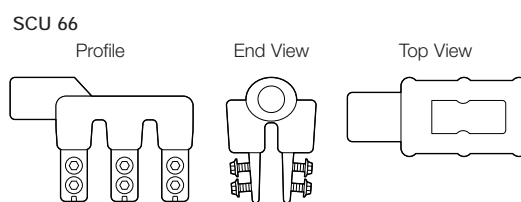
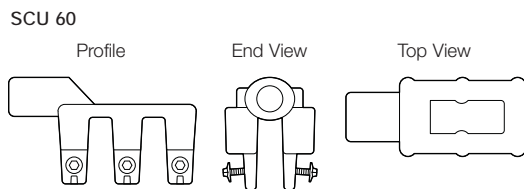
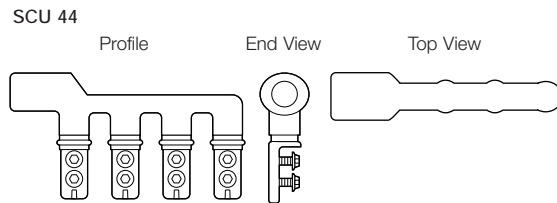
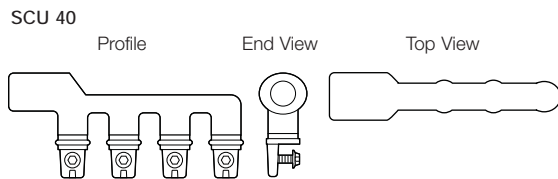
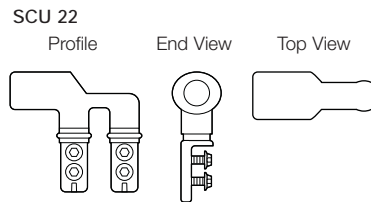
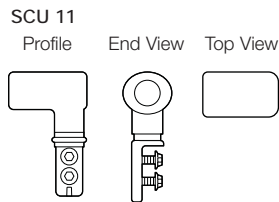
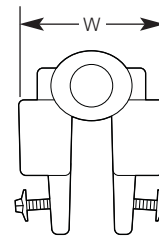
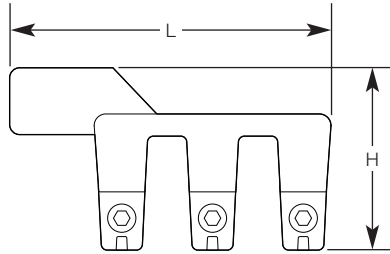
Padmount Transformer Connectors



NOTE: For streetlight tap option, add "-S" suffix to catalog number. Adapters are available that match the thread on the bushing stud. Sealing Caps are available 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.

**Ordering Information for Submersible Transformer Bus**

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



**Ordering Information for Adapters**

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

**Ordering Information for Sealing Caps**

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

Padmount Transformer Connectors

# Copper Screw-On Transformer Stud Adapters

Adapters for cable-to-stud connections.



2043-10

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

## Ordering Information for Screw-On Stud Adapters

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

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



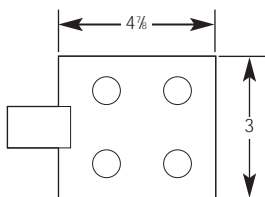
# Copper Tin-Plated Transformer Stud Adapters

Adapters for NEMA pad-style connections.

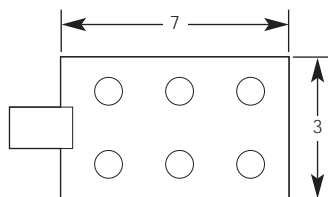
Features	Benefits/Descriptions
Made from Pure Electrolytic Copper	Provides high conductivity.
Tin Plated	Resists corrosion.
Dual-Rated	Accepts standard aluminum or copper NEMA lugs.



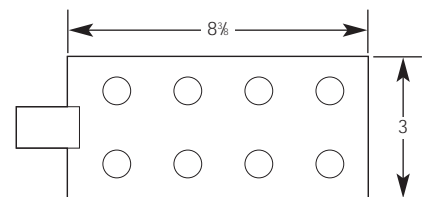
2042-1



2042-4



2042-8



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

### Four-Hole Transformer Stud Adapters

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

### Six-Hole Transformer Stud Adapters

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

### Eight-Hole Transformer Stud Adapters

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

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

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

**EZ KEEPER®**

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

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



ABK 1750



ABK 3750



AK 600 N

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

### ABK™ Series

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

\* Slotted pad holes.

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

### ABK ML Series — Tall Pad Design

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

### AK™ Series

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

Padmount Transformer Connectors

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

**EZ KEEPER®**

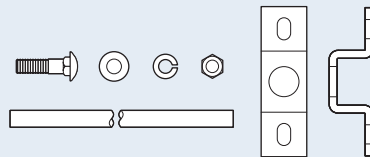
Save time and labor by placing cables into the Keeper slot.

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

## ABK 7024 Series Support Kit

The best components to make your ABK 7024 connections!

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



ABK 441000



ABK 81-7024 L



ABK 881-7024

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

### ABK™ 1000 Series — Back-To-Back

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

### ABK™ 7024 Series — Single Row

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

### ABK 7024 Series — Back-To-Back

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

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

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

Get two times the cable capacity in the same length.



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

## Ordering Information for ZBKW™ 2 SLM Series

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



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

## Ordering Information for ZBKW™ 2 SLCTM Series

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



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

NOTE: For 1½" stud, change "-1" suffix to "-1.25." For 1¼" stud, change "-1" suffix to "-1.5."

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

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



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



ZBK 4047



ZBK 6067

## Ordering Information for ZBK™ Series

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

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

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

High-strength aluminum alloy maximizes electrical and mechanical performance.



ABT 4350-48



ABT 6350

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

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

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

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

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

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

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

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

High-strength aluminum alloy maximizes electrical and mechanical performance.



ABT 4500 DS

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

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

CAT. NO.	Outlets	Length	Mounting Holes	Conductor Range
ABT 1500 DS	1	1¼	2	#6–500
ABT 2500 DS	2	3	4	
ABT 3500 DS	3	3¾	4	
ABT 4500 DS	4	4¾	6	
ABT 5500 DS	5	5 <sup>23</sup> / <sub>32</sub>	8	
ABT 6500 DS	6	6½	8	
ABT 8500 DS	8	9 <sup>5</sup> / <sub>16</sub>	12	
ABT 1750	1	1½	2	
ABT 2750	2	3	4	
ABT 3750	3	4¾	6	
ABT 4750	4	6½	8	
ABT 5750	5	6½	8	
ABT 6750	6	8¾	10	
ABT 8750	8	10 <sup>11</sup> / <sub>16</sub>	12	
ABT 11000	1	1¾	2	1/0–1000
ABT 21000	2	3	4	
ABT 31000	3	4¾	6	
ABT 41000	4	6½	8	
ABT 61000	6	9¾	12	
ABT 81000	8	12¼	12	

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



# Aluminum Transformer Spade Connectors — ZBT™ Series

The quicker-installation alternatives to compression lugs.



ZBT 3033-48

ZBT 4043



ZBT 3037 DS

ZBT 4047

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.

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

CAT. NO.	Cable Range	Outlets	Length	Mounting Holes
ZBT 1013-48	#12-350	2	3 <sup>1</sup> / <sub>2</sub>	1
ZBT 2023-48		4	2	1
ZBT 3033-48		6	3	2
ZBT 4043-48		8	4 <sup>1</sup> / <sub>4</sub>	3
ZBT 5053-48		10	4 <sup>3</sup> / <sub>4</sub>	3
ZBT 6063-48		12	6 <sup>1</sup> / <sub>2</sub>	4

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

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

\*Two set-screws per outlet.

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

Padmount Transformer 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.

### Ordering Information for ABN™ Series

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

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

Padmount Transformer 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.



## Ordering Information for 125 Series

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

\* Double-row configuration.

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

Padmount Transformer Connectors

# NEMA Transformer Spade Adapters

The options you need for a variety of connections.

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

## Ordering Information for TSC 4 Series – Aluminum

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

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



TSC 4-6

## Ordering Information for TSC Series – Aluminum

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

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



TSC 8

## Ordering Information for CTSC 4 Series – Copper

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

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



CTSC 4-12

## Ordering Information for CTSC Series – Copper

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

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



CTSC 8

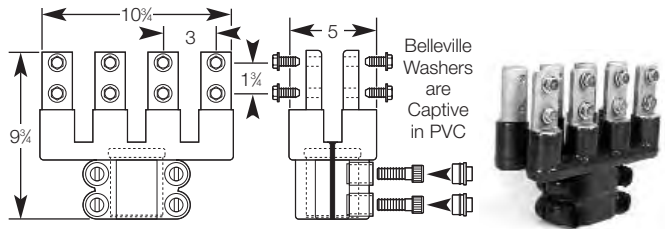
# Flood-Seal® 175 Series Clamp-On Style Transformer and Network Protection Connectors

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

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

Ordering Information for Vertical Cable Leads		
CAT. NO.	Outlets	Stud Size
FTT 44-175-15	8	1 1/2"
FTT 44-175-30	8	3"

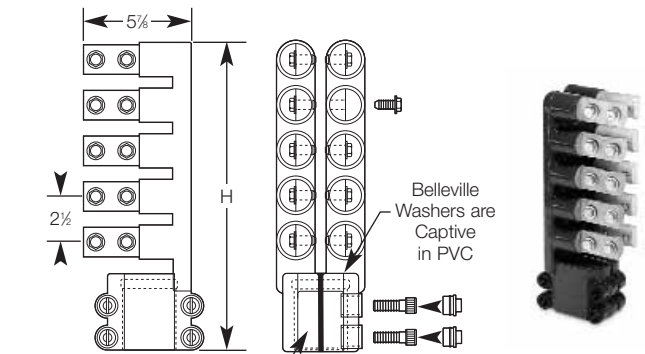
NOTE: For copper connectors, add "-CU" suffix to the catalog number.  
 For complete assembly with insulating rockets, add "-AWR" suffix to the catalog number.  
 For special applications or greater number of outlets than those listed, please consult your Thomas & Betts representative.



Rubber Gasket Provides Secure Closure between Connector Halves

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

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



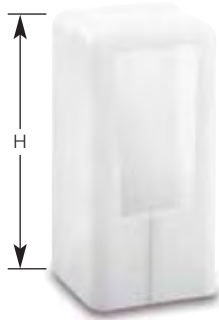
Rubber Gasket Provides Secure Closure between Connector Halves

Padmount Transformer Connectors

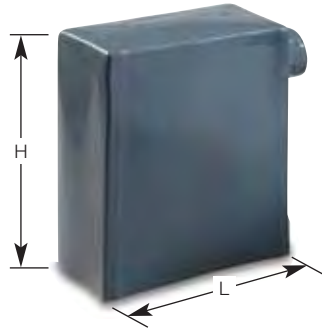
# Insulating Boots for Transformer Spade Connectors

## Insulating boots for harsh environments.

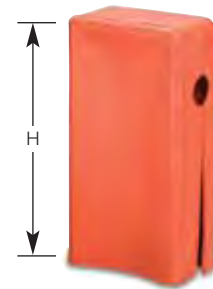
Features	Benefits/Descriptions
BBV4N Features EPDM Rubber Flexi-Boot	Will not crack from cold embrittlement, will not cold flow and will not soften with heat.
BBV4N Features Flexible Locking Ribs	Prevent accidental removal of EPDM boot.
Polyethylene and PVC Boots Available	Choose from a wider selection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



PB 2 T  
(Polyethylene)



SB 2159  
(PVC)



BBV4N  
(EPDM)

### Ordering Information for Insulating Boots

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

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

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 spade bushings with compression terminal lugs or stud secondary bushings with set-screw type bars.
Lengths of 9" and 15" and a 10" Skirt Height	Fit in a broad range of applications and install quickly and easily.
Standards Compliant	RUS Accepted.

## Ordering Information for Insulating Covers

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

# Warning Tape

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



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

## Ordering Information for Warning Tape

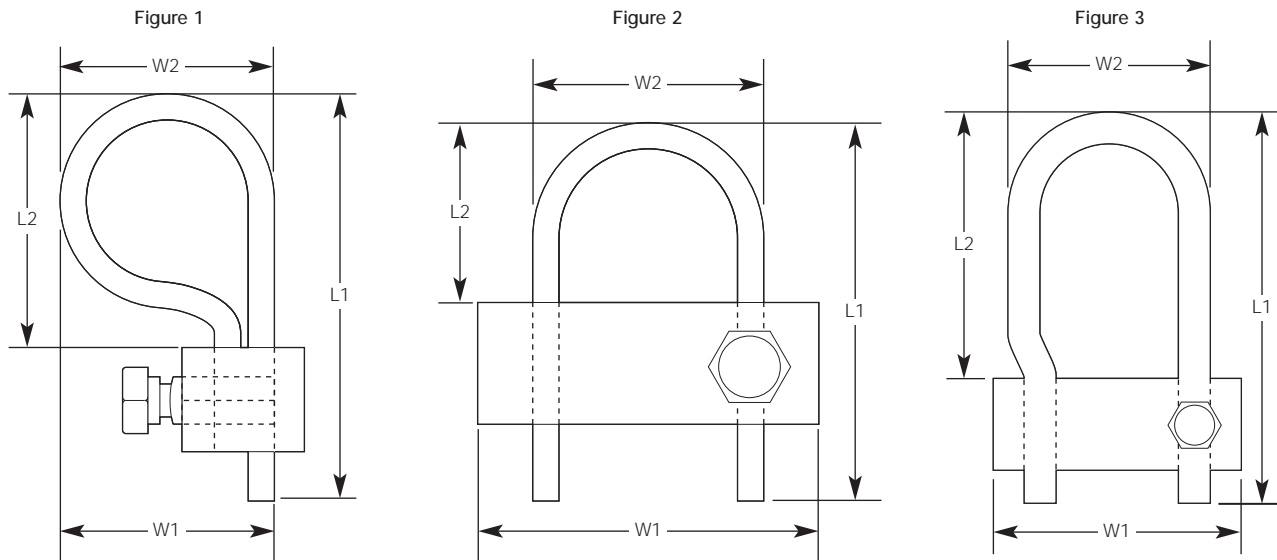
CAT. NO.	Width		Length		Color
	in.	mm	ft.	m	
YT 6	6	152	1000	305	Yellow
YT 3	3	76			
RT 6	6	152			Red
RT 3	3	76			

Padmount Transformer Connectors

# 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.



### Ordering Information for Equipment Locks

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

Padmount Transformer Connectors







**HOMAC**

**Blackburn**

## 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

page(s)

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Overhead Connectors & Covers

# 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.

## Ordering Information for Breakaway Service Entrance Kits

### SS 2 K — Two-Service Base Kit

CAT. NO.	Contact Block	Assembly	Insulating Rockets	½-13 Bolts
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
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NOTE: SS 2 K requires two SSP Pin Kits (below).  
SS 3 K requires three SSP Pin Kits (below).



## Ordering Information for Pin Kits

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



# 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.



SS1 4 FN 750 K

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.

## Ordering Information for Breakaway Service Entrance Kits

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

## Ordering Information for 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

# 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 Color-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.

## Ordering Information for Uninsulated Aluminum Service Entrance Compression Splices

CAT. NO.	Conductor A				Conductor B			
	Color	Sol.	Str.	ACSR	Color	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	Orange	#2	—	#4-6/1, 7/1
Q 1 U 58					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 & #2	#2-6/1, 7/1	Red	#1	#1 & #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	—

# 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 Color-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

## Ordering Information for Aluminum Service Entrance Compression Splices

Homac® CAT. NO.	Blackburn® CAT. NO.	Conductor A				Conductor B			
		Color	ACSR	Str.	Sol.	Color	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	—	—	—	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	Orange	#4 (6/1, 7/1)	—	#2	Brown	—	#10	#8
U 1 B 612	—					Black	—	#12	#10
U 1 B 44	CS68					Orange	#4 (6/1, 7/1)	—	#2
U 1 B 46	CS67	Red	#2 (6/1, 7/1)	—	#2	Blue	#6 (6/1)	—	#4
U 1 B 48	CS66					Green	—	#8	#6
U 1 B 41	CS65	Red	#2 (6/1, 7/1)	#1 & #2	#1	Brown	—	#10	#8
U 1 B 22	CS73					Red	#2 (6/1, 7/1)	#1 & #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 & #2	#1
U 1 B 104	CS76	Gray	—	2/0	—	Orange	#4 (6/1, 7/1)	—	#2
U 1 B 106	CS75					Blue	#6 (6/1)	—	#4
U 1 B 108	CS74	Green	—	#8	#6				
—	CS84	Gray	—	2/0	—	Yellow	1/0 (6/1)	1/0	—
—	CS85					Gray	—	2/0	—

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

Overhead Connectors & Covers

# Insulated Aluminum Service Entrance Compression Splices — U 5/8" Die Series (Standard Length, 2<sup>25</sup>/<sub>32</sub>" 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 Color Coded and Marked with Strip Lengths, Installation Die Codes and Compression Locations	Simplifies installation.
Homac Splices Have Colored 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

## Ordering Information for Insulated Aluminum Service Entrance Compression Splices

Homac® CAT. NO.	Blackburn® CAT. NO.	Conductor A						Conductor B					
		Color	ACSR	Str.	Sol.	Diameter (in.)		Color	ACSR	Str.	Sol.	Diameter (in.)	
						Max.	Min.					Max.	Min.
UGBR 81	—	Green	—	#8	#6	.162	.144	Brown	—	#10	#8	.128	.114
UGG 88	ICS61-1							Green	—	#8	#6	.162	.144
UBBR 61	ICS62-1	Blue	#6	#6	#4	.204	.184	Brown	—	#10	#8	.128	.114
UBG 68	ICS63-1							Green	—	#8	#6	.162	.144
UBB 66	ICS64-1	Orange	#4	#4	#2	.258	.213	Blue	#6	#6	#4	.204	.184
UOBR 41	ICS65-1							Brown	—	#10	#8	.128	.114
UOG 48	ICS66-1	Red	#2	#1 & #2	—	.328	.268	Green	—	#8	#6	.162	.144
UOB 46	ICS67-1							Blue	#6	#6	#4	.204	.184
UOO 44	ICS68-1	Yellow	1/0	1/0	—	.398	.368	Orange	#4	#4	#2	.258	.213
URBR 21	—							Brown	—	#10	#8	.128	.114
URG 28	ICS70-1	Yellow	1/0	1/0	—	.398	.368	Green	—	#8	#6	.162	.144
URB 26	ICS71-1							Blue	#6	#6	#4	.204	.184
URO 24	ICS72-2	Yellow	1/0	1/0	—	.398	.368	Orange	#4	#4	#2	.258	.213
URR 22	ICS73-1							Red	#2	#1 & #2	—	.328	.268
UYG 08	ICS74-1	Yellow	1/0	1/0	—	.398	.368	Green	—	#8	#6	.162	.144
UYB 06	ICS75-1							Blue	#6	#6	#4	.204	.184
UYO 04	ICS76-1	Yellow	1/0	1/0	—	.398	.368	Orange	#4	#4	#2	.258	.213
UYR 02	ICS77-1							Red	#2	#1 & #2	—	.328	.268
UYU 00	ICS78-1	Yellow	1/0	1/0	—	.398	.368						

# Insulated Aluminum Service Entrance Compression Splices — U 1 N <sup>5</sup>/<sub>8</sub>" Die Series (Longer Length, 3<sup>1</sup>/<sub>4</sub>" 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 Color-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.

## Ordering Information for Insulated Aluminum Service Entrance Compression Splices

CAT. NO.	Conductor A				Conductor B			
	Color	Sol.	Str.	ACSR	Color	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 & #2	#2-6/1, 7/1	Red	#1	#1 & #2	#2-6/1, 7/1
U 1 N 24					Orange	#2	#3 & #4	#4-6/1, 7/1
U 1 N 26					Blue	#4	#5 & #6	#6-6/1
U 1 N 28	Yellow	#1	1/0	1/0-6/1	Green	#6	#8	—
U 1 N 21					Brown	#8	#10	—
U 1 N 1010					Yellow	—	1/0	1/0-6/1
U 1 N 102					Red	#1	#1 & #2	#2-6/1
U 1 N 104	Yellow	#1	1/0	1/0-6/1	Orange	#2	—	#4-6/1
U 1 N 106					Blue	#4	—	#6-6/1
U 1 N 108					Green	#6	#8	—

# Insulated Aluminum Service Entrance Compression Splices — U <sup>5</sup>/<sub>8</sub>" Die Series (Longer Length — 3<sup>1</sup>/<sub>4</sub>" 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 Color-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.

## Ordering Information for Insulated Aluminum Service Entrance Compression Splices

CAT. NO.	Conductor A				Conductor B				
	Color	Str.	Compt.	Comp.	Color	Str.	Compt.	Sol.	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					Brown	#10	—	#8	—
U 48 OG	Orange	#4	#4	#4	Green	#8	#8	—	#8
U 46 OB					Blue	#6	#6	—	#6
U 44 OO					Orange	#4	#4	—	#4
U 21 RBR					Brown	#10	—	#8	—
U 28 RG	Red	#2	#2	#2	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
U 101 YBR	Yellow	1/0	1/0	1/0	Brown	#10	—	#8	—
U 108 YG					Green	#8	#8	—	#8
U 106 YB					Blue	#6	#6	—	#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



U 22 RR



U 44 OO

NOTE: Sold in standard carton quantities only.





# Insulated Aluminum Service Entrance Compression Splices — 840 Die Series

At 5½" 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 Color-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

## Ordering Information for Insulated Aluminum Service Entrance Compression Splices — 840 Die Series

Homac® CAT. NO.	Blackburn® CAT. NO.	Conductor A					Conductor B				
		Color	ACSR	Str.	Compr.	Compt.	Color	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	Gray	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						Gray	2/0	2/0	2/0	3/0
X 1 N 304	IKL54						Orange	#4	—	—	—
X 1 N 302	IKL55	Black	3/0	3/0	3/0	4/0	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						Gray	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						Orange	#4	—	—	—
X 1 N 402	IKL65	Pink	4/0	4/0	4/0	250	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						Gray	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

Overhead Connectors & Covers

# Uninsulated Aluminum Service Entrance Compression Splices — 840 Die Series

Ideal for large residential and commercial service drops.

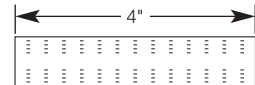


X 1 U 33610

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.

## Ordering Information for Uninsulated Aluminum Service Entrance Compression Splices

CAT. NO.	Conductor A					Conductor B				
	Color	Solid		Stranded	ASCR	Color	Solid		Stranded	ASCR
		AL	CU				AL	CU		
X 1 U 44	Orange	#2	#2	—	#4	Orange	#2	#2	—	#4
X 1 U 24	Red	#1	#1	#1 & #2	#2	Orange	#2	#2	—	#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
X 1 U102						Red	#1	#1	#1 & #2	#2
X 1 U 1010						Yellow	1/0 & 2/0	—	1/0	1/0
X 1 U 204	Gray	3/0	—	2/0	2/0	Orange	#2	#2	—	#4
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						Gray	3/0	—	2/0	2/0
X 1 U 304	Black	4/0	—	3/0	3/0	Orange	#2	#2	—	#4
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						Gray	3/0	—	2/0	2/0
X 1 U 3030						Black	4/0	—	3/0	3/0
X 1 U 404	Pink	—	—	4/0	4/0	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						Gray	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 2020

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.

(continued on next page)

**Ordering Information** for Uninsulated Aluminum Service Entrance Compression Splices (cont.)

CAT. NO.	Conductor A					Conductor B									
	Color	Solid		Stranded	ASCR	Color	Solid		Stranded	ASCR					
		AL	CU				AL	CU							
X 1 U 266	Blue	350	—	250–266.8	266.8	Blue	350	—	250–266.8	266.8					
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						Gray	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)
X 1 U 3364											Orange	#2	#2	#3 & #4	#4
X 1 U 3362											Red	#1	#1	#1 & #2	#2
X 1 U 33610	Yellow	1/0 & 2/0	—	1/0	1/0										
X 1 U 33620	Gray	3/0	—	2/0	2/0										
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										

# 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 ½" or ¾" 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

**Ordering Information** for 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	½	80
IPST 1010*		1/0–#8	1/0–#8	½	125
IPST 2001		2/0–#4	#10–#14	½	80
IPST 402		4/0–#3	#2–#10	½	125
IPST 4020*		4/0–#2	2/0–#6	½	125
IPST 4040*		4/0–#2	4/0–#4	½	160
IPST 25040		250–#1	4/0–#4	½	160
IPST 75001		750–3/0	#10–#14	¾	80
IPST 350350		350–1/0	350–1/0	¾	330
IPST 50040		500–2/0	4/0–#4	¾	330
IPST 500350	2	500–4/0	350–1/0	¾	330
IPST 750500		750–250	500–250	¾	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.



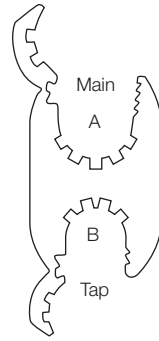
WR189

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.

## Ordering Information for 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	.332	.162	.332	.162	1 <sup>1</sup> / <sub>6</sub>
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, #6	2/0, 1/0, #1, #2	2/0, 1/0, #1, #2	#1, #2, #4, #6	#1, #2, #3, #4, #6	.419	.266	.332	.162	1 <sup>1</sup> / <sub>6</sub>
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, #6	2/0, 1/0, #1, #2	2/0, 1/0, #1, #2	#1, #2, #4, #6	#1, #2, #3, #4, #6	.470	.398	.332	.162	1 <sup>1</sup> / <sub>6</sub>
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	.470	.336	.470	.336	1 <sup>1</sup> / <sub>6</sub>
WR379	5	4/0, 3/0	4/0	—	#2, #4, #6	#1, #2, #3, #4, #6	1/0, #1, #6	266 <sup>1</sup> / <sub>8</sub> , 250, 4/0	266, 250, 4/0	#1, #2, #4, #6	#1, #2, #3, #4, #6	.563	.475	.332	.162	1 <sup>1</sup> / <sub>6</sub>
WR399	6	4/0, 3/0	4/0, 3/0	—	2/0, 1/0, #1	2/0, 1/0	3/0, 2/0	266 <sup>1</sup> / <sub>8</sub> , 4/0, 3/0	266, 250, 4/0	2/0, 1/0	3/0, 2/0, 1/0	.563	.461	.447	.338	2 <sup>1</sup> / <sub>6</sub>
WR419	7	4/0, 3/0	4/0, 3/0	—	4/0, 3/0	4/0, 3/0	—	266 <sup>1</sup> / <sub>8</sub> , 4/0, 3/0	266, 250, 4/0	266 <sup>1</sup> / <sub>8</sub> , 250, 3/0	266, 250, 4/0	.563	.461	.563	.461	2 <sup>1</sup> / <sub>6</sub>

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.

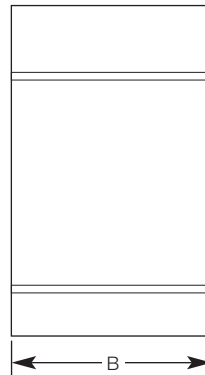
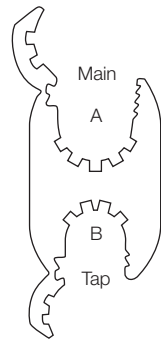


WR259

**Ordering Information for 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	.266	.162	.266	.162	1½
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	#3, #4, #6	#2, #3, #4, #6	.398	.266	.266	.162	1%
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	.398	.266	.332	.232	1%
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, #3, #4	2/0, 1/0, #1, #2, #3, #4	2/0, 1/0, #1, #2	.419	.232	.419	.232	1%
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	.419	.326	.412	.292	1%
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	.470	.398	.266	.162	1½
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	.398	.324	.398	.316	1%
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	.447	.365	.332	.236	1%
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	.470	.410	.398	.316	1%
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	.447	.410	.447	.336	1%

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.



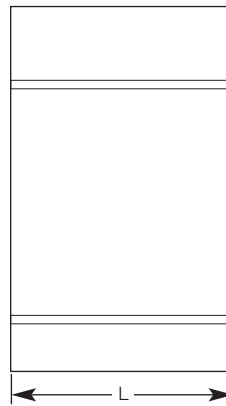
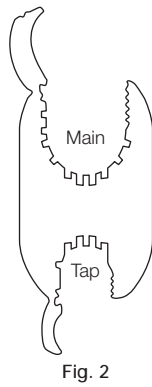
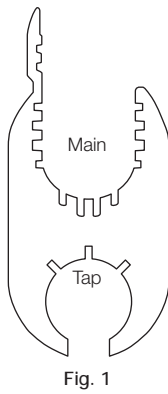
WR Connector

**Ordering Information for 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	.502	.461	.332	.299	1 <sup>5</sup> / <sub>16</sub>
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	.502	.461	.447	.336	2 <sup>5</sup> / <sub>16</sub>
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	.563	.461	.266	.162	1 <sup>5</sup> / <sub>16</sub>
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	.563	.461	.374	.266	1 <sup>5</sup> / <sub>16</sub>
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	.563	.423	.373	.232	1 <sup>5</sup> / <sub>16</sub>
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	.563	.461	.470	.376	2 <sup>5</sup> / <sub>16</sub>
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	.563	.423	.470	.336	2 <sup>5</sup> / <sub>16</sub>

\* 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; W339 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.



WR715

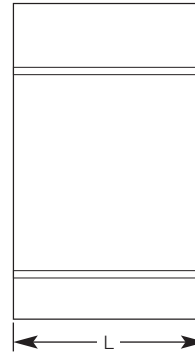
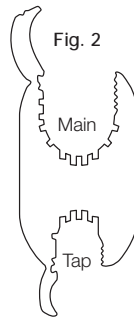
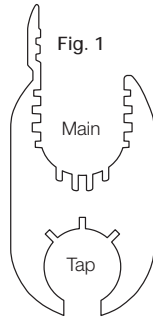
**Ordering Information for Blackburn® WR™ Wide Range “N” Die Tap Connectors**

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 <sup>18</sup> / <sub>16</sub> ,	400, 397,	2/0, 1/0,	2/0, 1/0,	3/0, 2/0,	477, 397,	500, 477,	2/0, 1/0,	3/0, 2/0,	.753	.502	.447	.162	2	
	336, 266	350, 336,	#1, #2,	#1, #2,	1/0, #1,	336	397, 350	#1, #2,	1/0, #1,						
WR775	397 <sup>18</sup> / <sub>16</sub> ,	400, 397,	397 <sup>18</sup> / <sub>16</sub> ,	400, 397,	—	477, 397,	500, 477,	477, 397,	500, 477,	.743	.502	.743	.520	3	
	336, 266,	350, 336,	336, 266,	350, 336,		336, 266	397, 350,	336, 266	397, 336,						
WR815	477 <sup>18</sup> / <sub>16</sub> ,	556, 500,	2/0, 1/0,	2/0, 1/0,	3/0, 2/0,	556, 477,	556, 477,	2/0, 1/0,	3/0, 2/0,	.858	.502	.447	.162	2	
	397, 336,	400, 397,	#1, #2,	#1, #2,	1/0, #1,	397, 336,	397, 336,	#1, #2,	1/0, #1,						
WR835	477 <sup>18</sup> / <sub>16</sub> ,	556, 500,	4/0, 3/0,	4/0, 3/0,	4/0, 3/0,	556, 477,	556, 477,	266, 4/0,	250, 4/0,	.858	.502	.563	.368	2	
	397, 336,	400, 397,	2/0, 1/0	2/0, 1/0	2/0	397, 336,	336, 300,	3/0, 2/0	3/0						
WR875†	477 <sup>18</sup> / <sub>16</sub> ,	556, 500,	477 <sup>18</sup> / <sub>16</sub> ,	350, 336,	397,	556, 477,	556, 477,	397, 336,	400, 397,	.858	.502	.684	.520	3	
	397, 336,	400, 397,	266	300, 266,	366	397, 336,	397, 350,	266	350, 336,						
WR885	477 <sup>18</sup> / <sub>16</sub> ,	500, 400,	477 <sup>18</sup> / <sub>16</sub> ,	500, 400,	—	556, 477,	556, 477,	556, 477,	556, 477,	.814	.502	.814	.520	3	
	397, 336,	397, 350,	397, 336,	397, 350,		397, 336,	336, 300,	397, 336,	336, 300,						

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

Overhead Connectors & Covers



WR699

**Ordering Information for 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 <sup>1/2</sup> , 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		.743	.570	.266	.162	2
WR719	397 <sup>1/2</sup> , 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		.743	.570	.447	.289	2
WR739	397 <sup>1/2</sup> , 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		.743	.570	.563	.398	2
WR779	397 <sup>1/2</sup> , 336, 266	400, 397, 350, 336, 300, 266, 250	397 <sup>1/2</sup> , 336, 266	400, 397, 350, 336, 266, 250	477, 397	477, 397, 336	477, 397, 350, 336, 300	477, 397, 336	477, 397, 336		.743	.570	.743	.570	3
WR799	477 <sup>1/2</sup> , 266	500, 250	#4, #6	#3, #4, #6	#2, #3, #4, #6	477 <sup>1/2</sup> , 266	500, 250	#3, #4, #6	#2, #3, #4, #6		.814	.575	.270	.160	2
WR819	477 <sup>1/2</sup> , 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		.858	.659	.477	.289	2
WR839	477 <sup>1/2</sup> , 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		.858	.659	.563	.477	2
WR879†	477 <sup>1/2</sup> , 397, 336	556, 500, 477, 450, 400, 397, 350, 336	336 <sup>1/2</sup> , 266	350, 336, 300, 266	397	556, 477, 397	556, 477, 397	397, 336	397, 350, 336		.858	.659	.684	.593	3
WR889	477 <sup>1/2</sup> , 397, 336	500, 400, 397, 350, 336	477 <sup>1/2</sup> , 397, 336	500, 400, 397, 350, 336	—	556, 477, 397, 336	556, 477, 397, 350	556, 477, 397, 336	556, 477, 397, 350		.814	.666	.814	.666	3

\* Will accept conductors of the same wire sizes with a 3% reduction of diameter (compressed).

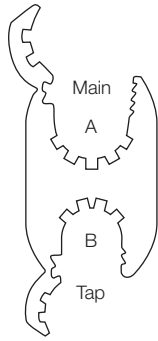
† See Figure 2.

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.





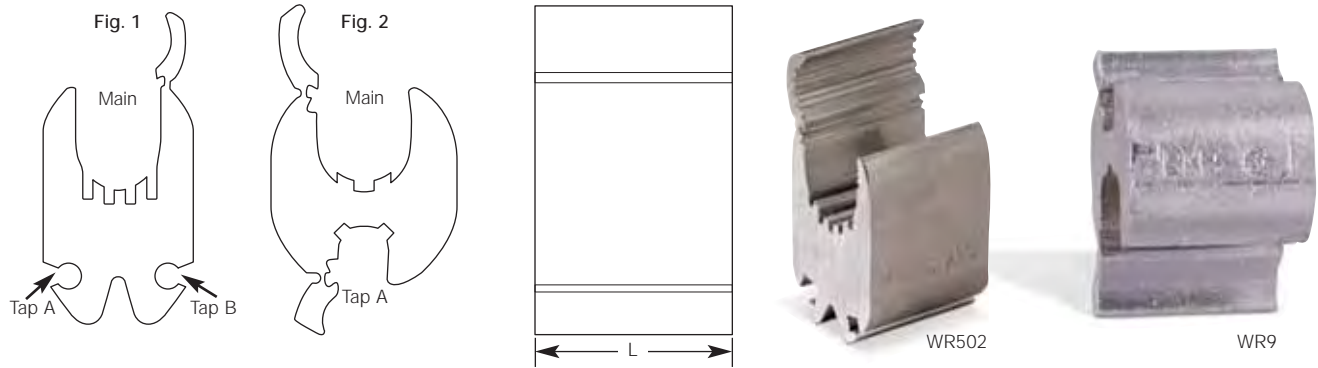
WR909

**Ordering Information for 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 <sup>1</sup> / <sub>2</sub> , 477, 397, 336, 300	600, 556, 550, 500, 477, 450, 397, 350, 336	336 <sup>1</sup> / <sub>2</sub> , 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 <sup>1</sup> / <sub>2</sub> , 336, 266, 4/0, 3/0, 2/0	397, 350, 336, 300, 266, 250, 4/0, 3/0	.893	.666	.684	.398	4%
WR929	556 <sup>1</sup> / <sub>2</sub> , 477, 397, 336, 300	600, 556, 550, 500, 477, 450, 397, 350, 336	556 <sup>1</sup> / <sub>2</sub> , 477, 397, 336, 300	600, 556, 550, 477, 450, 400, 397, 350, 336	636, 556, 477, 397	700, 636, 556, 500, 477, 450	636, 556, 477, 397	700, 636, 556, 477, 450	.893	.666	.893	.666	4%
WR949	795 <sup>2</sup> / <sub>6</sub> , 715, 666, 636, 605, 556, 477 <sup>3</sup> / <sub>8</sub>	900, 874, 800, 795, 750, 715, 700, 636, 600	336 <sup>1</sup> / <sub>2</sub> , 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 <sup>1</sup> / <sub>2</sub> , 336, 266, 4/0, 3/0, 2/0	397, 350, 336, 300, 266, 250, 4/0, 3/0	1.108	.883	.684	.398	4%
WR969	795 <sup>2</sup> / <sub>6</sub> , 715, 666, 636, 605, 556, 477 <sup>3</sup> / <sub>8</sub>	900, 874, 800, 795, 750, 715, 700, 636, 600	556 <sup>1</sup> / <sub>2</sub> , 477, 397, 336, 300	600, 556, 550, 500, 477, 450, 400, 397, 350, 336	954, 874, 795	1000, 954, 874, 795	636, 556, 477, 397	700, 636, 556, 477, 450	1.108	.883	.893	.666	4%
WR989	795 <sup>2</sup> / <sub>6</sub> , 715, 666, 636, 605, 556, 477 <sup>3</sup> / <sub>8</sub>	900, 874, 800, 795, 750, 715, 700, 636, 600	795 <sup>2</sup> / <sub>6</sub> , 715, 666, 636, 605, 556, 477 <sup>3</sup> / <sub>8</sub>	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	.883	1.108	.883	4%
WR999	954 <sup>4</sup> / <sub>5</sub> , 900, 874, 795, 715, 666	1033, 1000, 900, 800, 795, 750	954 <sup>4</sup> / <sub>5</sub> , 900, 874, 795, 750, 666	1033, 1000, 900, 800, 795, 750	954, 900	1000, 900	954, 900, 874	1000, 900	1.172	.997	1.172	.994	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.

Overhead Connectors & Covers



**Ordering Information for 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	—	—	.292	.184	.146	.064	—	—	1 3/16
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	.419	.250	.162	.100	.092	.064	1 1/2
WR502	1	4/0, 3/0	4/0, 3/0	—	#8, #10	#6, #8, #10	#12, #14	#12, #14	.563	.461	.162	.100	.092	.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	.563	.365	.162	.100	.092	.064	1 1/2

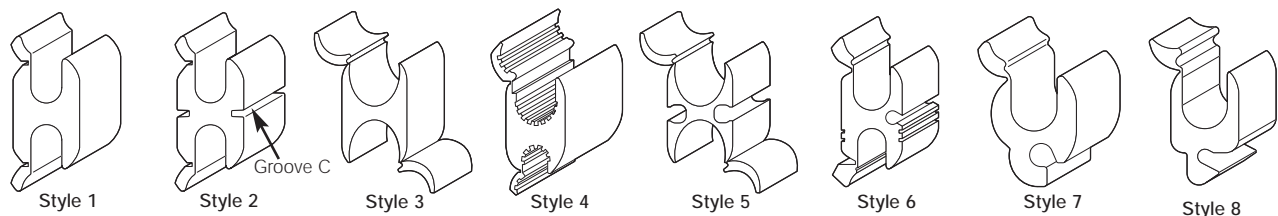
\* Will accept conductors of the same wire size with a 3% reduction of diameter (compressed).  
 † This range is possible only when crimped with a hydraulic tool.

NOTE: WR9 uses a 3/8" 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.



Overhead Connectors & Covers

## Ordering Information for 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	.325-.162	#2½-#6½	#2(7)-#6(7)	#1-#6	.146-.064	—	#8-#14	#7-#14	—	—	—	¾	⅝ or BG	CO 20 B
OB 2014	8	.447-.292	2/0½-#2½	2/0(19)-#2(7)	—	.146-.064	—	#8-#14	#7-#14	—	—	—	¾	O	
OB 44 OB1	4	.332-.162	#2½-#6½	#1(19)-#6(7)	#2-#6	.332-.162	#2½-#6½	#1(19)-#6(7)	#2-#6	—	—	—	1⅜ 1½	O	
OB 22	6	.325-.162	#2½-#6½	#2(7)-#6(7)	#2-#6	.325-.162	#2½-#6½	#2(7)-#6(7)	#2-#6	.148-.062	#8-#14	#8-#14	1½	O	
OB 101 OB 2	4	.419-.258	1/0½-#2½	2/0(19)-#2(7)	#2	.332-.162	#2½-#6½	#1(19)-#6(7)	#2-#6	—	—	—	1⅜ 1¾	O	
OB 103	1	.398-.162	1/0½-#6½	1/0(19)-#6(7)	#2-#6	.332-.162	#2½-#6½	#1(19)-#6(7)	#2-#6	—	—	—	1½	O	
OB 1010	1	.419-.232	1/0½-#4½	2/0(19)-#4(7)	#2	.419-.232	1/0½-#4½	2/0(19)-#4(7)	#2	—	—	—	1½	O	
DB 202 DB 3	4	.464-.354	2/0½-#1½	3/0(7)-1/0(7)	—	.332-.162	#2½-#6½	#1(19)-#6(7)	#2-#6	—	—	—	1½ 1⅞	D or D3	
DB 2020	2	.464-.354	2/0½-#1½	3/0(7)-1/0(7)	—	.464-.354	2/0½-#1½	3/0(7)-1/0(7)	—	—	—	—	1⅞	D or D3	
DB 404 DB5	4	.563-.464	4/0½-3/0½	3/0(7)-4/0(19)	—	.332-.162	#2½-#6½	#1(19)-#6(7)	#2-#6	—	—	—	1⅜ 1⅞	D or D3	
DB 4020 DB 6	1	.563-.464	4/0½-3/0½	3/0(7)-4/0(19)	—	.470-.316	2/0½-#2½	3/0(19)-#1(7)	—	—	—	—	1⅞ 2½	D or D3	
DB 4040 DB 7	1	.563-.464	4/0½-3/0½	3/0(7)-4/0(19)	—	.563-.464	4/0½-3/0½	4/0(19)-3/0(7)	—	—	—	—	2⅞ 2½	D or D3	
NB 500	3	.814-.522	477½-4/0½	500(37)-4/0(7)	—	.814-.522	477½-4/0½	500(37)-4/0(7)	—	—	—	—	3¾	N	
NB 50040	4	.858-.528	477¾-4/0½	556.5(37)-4/0(19)	—	.556-.368	4/0½-1/0½	4/0(19)-1/0(7)	3/0-4/0	—	—	—	2	N	
NB 60020	3	.915-.575	556.5²⁴-266.8¹⁸	600(61)-250(37)	—	.419-.162	1/0½-#6½	2/0(19)-#6(7)	2/0-#6	—	—	—	2⅞	N	
ZB 954	3	1.196-.586	954⁵⁴-266.8¹⁸	1000(61)-266.8(7)	—	1.196-.568	954⁵⁴-266.8¹⁸	1000(61)-266.8(7)	—	—	—	—	6	Z or R	
ZB 95440	5	1.140-.586	795³⁰-266.8¹⁸	750(61)-266.8(7)	—	.741-.522	336.4³⁰-4/0½	350(37)-4/0(7)	—	.292-.162	#2-#6	#2-#6	3	Z or R	
ZB 95410	5	1.140-.586	795³⁰-266.8¹⁸	750(61)-266.8(7)	—	.563-.368	4/0½-1/0½	4/0(19)-1/0(7)	—	.292-.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.



CO 20 B

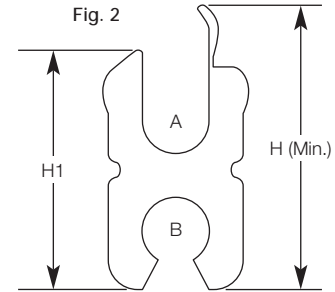
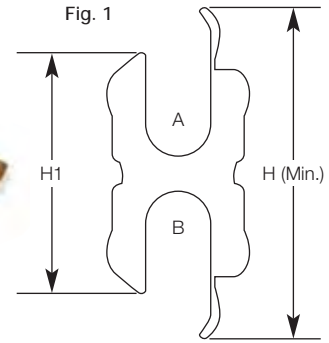
CN 600 B

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.

Ordering Information for H-Type Connector Covers			
CAT. NO.	H (in.)	L (in.)	W (in.)
CO 20 B	2¼	4½	1⅝
CD 40 B	2⅝	5⅝	1¾
CN 600 B	2⅞	6⅞	2½

# Blackburn® Copper H-Type Compression Connectors

Efficient design requires less 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.

## Ordering Information for 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.	Tap Str.	Main Sol.	Tap Str.	Main Max.	Tap Min.	Main Max.	Tap Min.				OD 58	Type O	MD Series	JB12A JB12B	H Series	Y-35	TBM15/Y46
CF44-1	1	#4, #6	#6	#4, #6, #8	#6	.204	.162	.204	.128	.971	.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	.204	.162	.204	.128	.864	.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	.258	.204	.258	.204	1.162	.813	13/16	K	K	W-KK	—	—	—	BKT
CFS22-1	2	#2, #4	#4	#2, #4, #6	#6	.258	.204	.258	.162	1.017	.842	13/16	K	K	W-KK	W-KK	BKT	BKT	BKT
CF102-1	1	—	1/0, #1, #2	#2, #4, #6	#4	.373	.292	.258	.162	1.54	1.1	27/32	—	—	—	O	O	O	O
CF1010-1	1	—	1/0, #1, #2	—	1/0, #1, #2	.373	.292	.373	.292	1.61	1.05	27/32	—	—	—	O	O	O	O
CF202-1	1	—	2/0, 1/0	—	2/0, 1/0, #1, #2	.419	.368	.258	.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	.419	.368	.414	.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	.528	.414	.258	.204	1.983	1.423	7/8	—	—	—	D <sup>∞</sup>	D <sup>∞</sup>	D <sup>∞</sup>	D <sup>∞</sup>
CF4010-1	1	—	4/0, 3/0, 2/0	—	1/0, #1, #2	.528	.414	.373	.292	1.992	1.423	1 1/8	—	—	—	D <sup>∞</sup>	D <sup>∞</sup>	D <sup>∞</sup>	D <sup>∞</sup>
CF4040-1	1	—	4/0, 3/0, 2/0	—	4/0, 3/0, 2/0	.528	.414	.528	.414	2.252	1.483	1 1/8	—	—	—	D <sup>∞</sup>	D <sup>∞</sup>	D <sup>∞</sup>	D <sup>∞</sup>

\* 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.

Overhead Connectors & Covers

# Blackburn® WRQ and WRS Stirrup Connectors

Protect main conductors from arcing damage.



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.

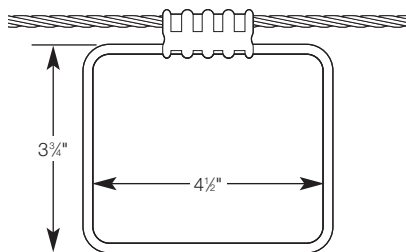


Fig. 1

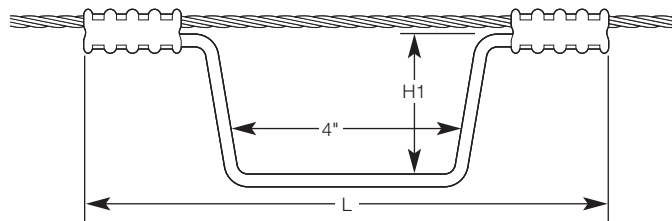


Fig. 2

## Ordering Information for 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
WRQ154	WRS154	#2-#6	#1 str.-#6 sol.	0.332	0.162	#4 sol.	O	O	10	7/8
WRQ152	WRS152	#2-#6	#1 str.-#6 sol.	0.332	0.162	#2 sol.	O	O	10	7/8
WRQ172	WRS172	1/0-#3	1/0 str.-1 sol.	0.398	0.281	#2 sol.	O	O	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	0.46	#2 sol.	D	D	10	7/8
—	WRS719	397 <sup>18/16</sup> -266	400 str.-250 str.	0.743	0.6	2/0 sol.	—	N	12 1/4	3 3/16
—	WRS819	477 <sup>26/16</sup> -266	500 str.-336 str.	0.858	0.666	2/0 sol.	—	N	12 1/4	3 3/16
WRQ698	—	477 <sup>26/16</sup> -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®.

# 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.

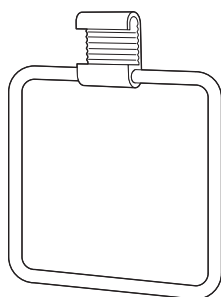


Fig. 1

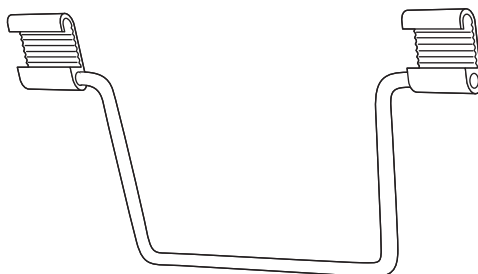


Fig. 2

## Ordering Information for 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		Size	Dia. (mm)	Mech.	Hyd.	L	H1
				in.	mm						
QC002	SC002	#2-#6	#2 str.-#6 sol.	.325-.162	8.25-.412	#2 sol.	6.35	O	O	8 $\frac{3}{4}$	3 $\frac{1}{8}$
QC021	SC021	2/0-#2	2/0 str.-#2 sol.	.414-.292	10.51-7.41	#2 sol.	6.35	O	O	8 $\frac{3}{4}$	3 $\frac{1}{8}$
QCD41	SCD41	4/0-3/0	4/0 str.-3/0 sol.	.563-.464	14.29-10.51	#2 sol.	6.35	D	-	8 $\frac{3}{4}$	3 $\frac{1}{8}$
QCN50	SCN50	477 $\frac{1}{8}$ -4/0	500-4/0 str.	.814-.528	20.66-13.40	1/0 sol.	6.22	-	N	11	3 $\frac{1}{8}$

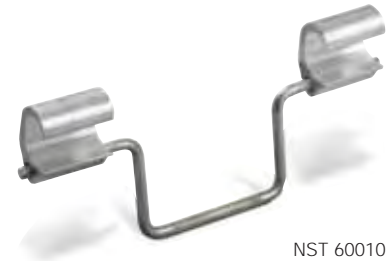
# Anti-Rotational Hot Line Stirrups

## 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.



NC 60010

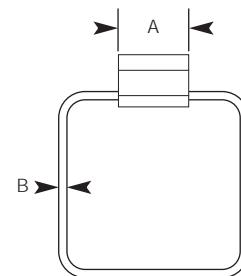


NST 60010

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.

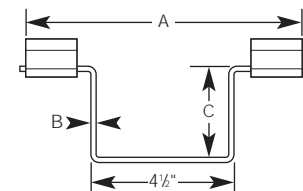
### Ordering Information for C-Type Stirrups

CAT. NO.	Conductor Size			A	B	Die
	ACSR	Str.	Sol.			
OC 42	#4	#4	#6-#4	1 1/8	2	O
OC 22	#4-#2	#4-#2	#2	1 1/8	2	O
OC 102	#4-1/0	#2-1/0	—	1 1/8	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



### Ordering Information for 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 1/8	N	
NST 60010	397.5 (26/7)-556.5 (18/1)	477-600	12	1/0	2 1/8	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 1/8	N	



\*Designates H-Tap style.



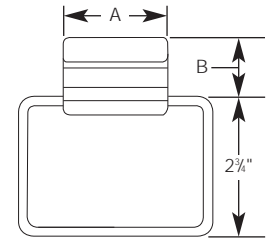
# Anti-Rotational Paltrap™ Hot Line Stirrups

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.



## Ordering Information for Anti-Rotational Paltrap™ Hotline Stirrups

CAT. NO.	Main Conductor			A	B	Installing Dies
	Sol.	Str.	ASCR			
QH 6 S	#4 and #6	#6	#6	2 1/8	1	TQ, 12, 1/2,
QH 4 S	#2	#4	#4	2 1/8	1	42
SH 2 S	—	#2	#2	2 1/8	1 1/8	45, TS, 13, 1/8

NOTE: Bails may be ordered separately for field assembly of stirrups using Paltrap connectors. Specify catalog number HLB 2 for #2 tinned solid copper bail or catalog 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.



S 4425

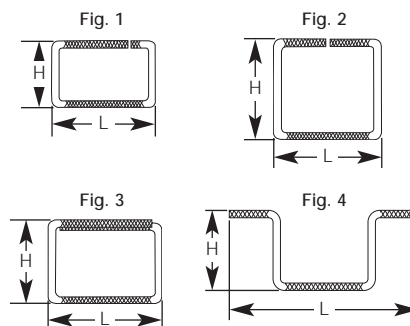


HLB 2

## Ordering Information for Copper Tin-Plated Bails

CAT. NO.	Size	Fig.	H	L
HLB 2	#2	1	2 3/4	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

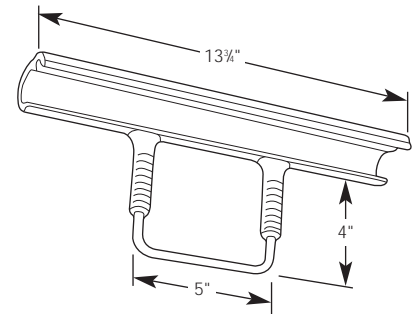
\*S 4425 is split in the center and recommended for H-Type connector applications.



## 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.



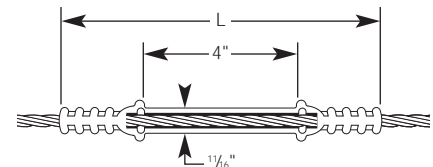
Ordering Information for Blackburn® CCS Compression Stirrup			
CAT. NO.	Conductor Range		Copper Bail Tin Plated
	Max.-Min.	Diameter Max.-Min.	
CCS44	800-636 str.	1.032-.918	2/0 sol.

## 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 1/6" diameter by 4" long.
Use 5/8", "BG" and "G" Dies	No special compression tools needed.



Hot line clamp bearing surface:  
1 1/6" dia. x 4" length

Ordering Information for Blackburn® LP Compression Line Protector Sleeves						
CAT. NO.	Conductor Range				Length	Installation Dies
	ACSR	AWG	Diameter			
			Max.	Min.		
LP4	#4	#4	.257	.232	8	5/8" Peach, BG, G
LP2	#2	#2	.316	.292	8	5/8" Peach, BG, G
LP10	1/0	1/0	.398	.373	8	0

# Blackburn® N and NPW Service Entrance Connectors

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

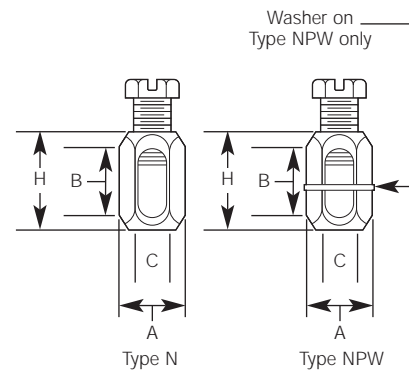


6N

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.

### Ordering Information for 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	5/32
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	5/32
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

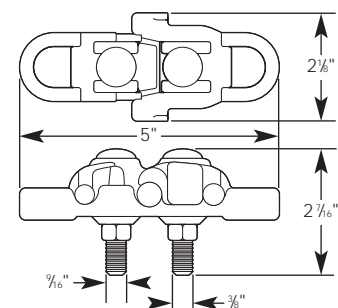
House not adjacent to a pole?  
This is the span clamp you need.



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.

### Ordering Information for Blackburn® MS Neutral Span Clamp

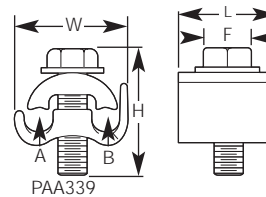
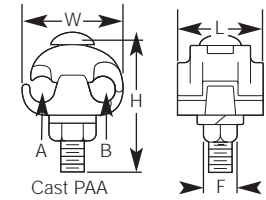
CAT. NO.	Conductor Range			
	ACSR		AWG	
	Main	Tap	Main	Tap
MS4	4/0-#4	1/0-#6	4/0 str.-#2 sol.	1/0 str.-#6 sol.



Overhead Connectors & Covers

# 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.

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

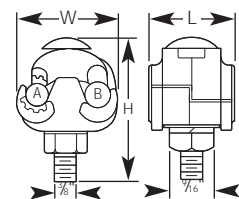
Standard CAT. NO.	Prefilled CAT. NO.	Conductor Range				Conductor Diameter				Dimensions (in.)				Bolt Size
		Main		Tap		Main		Tap		F	L	H	W	
		ACSR	AL/CU	ACSR	AL/CU	Max.	Min.	Max.	Min.					
—	PAA29	#2-#6	#2 str.-#6 sol.	#2-#6	#2 str.-#6 sol.	.316	.162	.316	.162	5/16	1 13/16	1 13/32	1 3/8	5/16
—	PAA339	1/0-#6	1/0 str.-#6 sol.	1/0-#6	1/0 str.-#6 sol.	.398	.162	.398	.162	5/16	1 1/8	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.	.398	.162	.398	.162	5/16	2 1/32	1 3/8	1 1/2	3/8
PAA5	PAA59	1/0-#8	1/0 str.-#8 sol.	1/0-#8	1/0 str.-#8 sol.	.398	.128	.398	.128	5/16	2 1/32	1 13/32	1 1/2	3/8
PAA6	PAA69	1/0-#8	2/0 str.-#8 sol.	1/0-#8	2/0 str.-#8 sol.	.414	.128	.414	.128	5/16	2 1/32	1 3/8	1 3/8	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.	.741	.368	.398	.128	5/16	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.	.563	.258	.563	.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.	.741	.368	.741	.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 catalog 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.

## Ordering Information 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.	.398-.128	.373-.128	2 1/32	1 13/32	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.	.741-.398	.373-.128	2 15/32	1 3/8	1 3/8

\* RUS Listed.

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

# 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 catalog number.  
 For tin-plating option, add "-P" suffix to the catalog number.  
 For wax-dip option that provides oxide protection for aluminum-to-aluminum connections, add "-6" suffix to the catalog number.

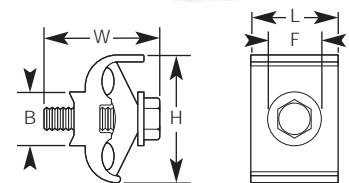


Fig. 1

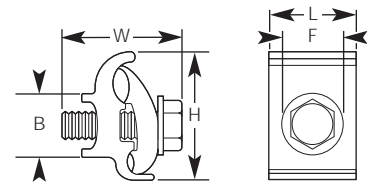


Fig. 2

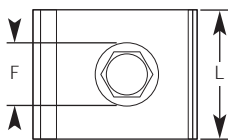


Fig. 3

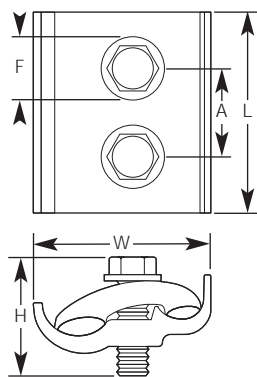


Fig. 4

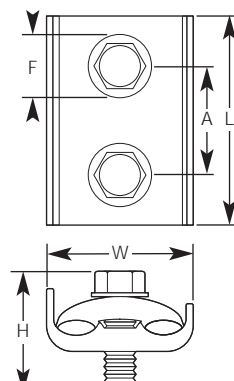


Fig. 5

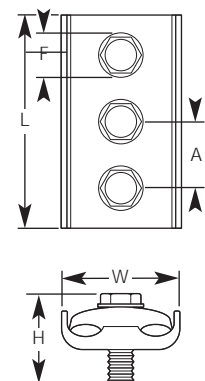


Fig. 6

## Ordering Information Blackburn® PAE Parallel Groove Clamps, Extruded Type

CAT. NO.	Conductor Range		Conductor Diameter (in.)				Dimensions (in.)						Galvanized Aluminum		
			Main		Tap								Steel Bolt	Bolt	
	Main	Tap	Max.	Min.	Max.	Min.	Fig.	H	W	L	F	B	A	Thd. Size.	Thd. Size
PAE-335-79	1/0 str.-#6 sol.	1/0 str.-#6 sol.	.398	.162	.398	.162	1	1 <sup>1</sup> / <sub>6</sub>	1 <sup>1</sup> / <sub>2</sub>	1 <sup>1</sup> / <sub>4</sub>	<sup>5</sup> / <sub>16</sub>	—	—	<sup>3</sup> / <sub>16</sub> -16 UNC	<sup>3</sup> / <sub>16</sub> -16 UNC
PAE-2121-9*	2/0 ACSR-#6 sol., #6 AR	2/0 ACSR-#6 sol., #6 AR	.447	.162	.447	.162	1	2	1 <sup>1</sup> / <sub>2</sub>	1 <sup>1</sup> / <sub>2</sub>	<sup>5</sup> / <sub>16</sub>	<sup>5</sup> / <sub>16</sub>	—	<sup>3</sup> / <sub>16</sub> -16 UNC	<sup>3</sup> / <sub>16</sub> -16 UNC
PAE-2121X-79	2/0 ACSR-#6 sol., #6 AR	2/0 ACSR-#6 sol., #6 AR	.447	.162	.447	.162	1	2	1 <sup>1</sup> / <sub>2</sub>	1 <sup>1</sup> / <sub>2</sub>	<sup>5</sup> / <sub>16</sub>	<sup>5</sup> / <sub>16</sub>	—	—	<sup>3</sup> / <sub>16</sub> -16 UNC
PAE-4141-9*	4/0 ACSR-#2 sol., #4-#6 AR	4/0 ACSR-#2 sol., #4-#6 AR	.563	.258	.563	.258	1	2	2	1 <sup>1</sup> / <sub>2</sub>	<sup>5</sup> / <sub>16</sub>	<sup>5</sup> / <sub>16</sub>	—	<sup>3</sup> / <sub>16</sub> -16 UNC	<sup>3</sup> / <sub>16</sub> -16 UNC
PAE-3921-9-2	397.5 ACSR-3/0 str., 2/0-#6 AR	2/0 str.-#6 sol., #6 AR	.743	.464	.414	.162	2	2 <sup>1</sup> / <sub>6</sub>	2 <sup>1</sup> / <sub>4</sub>	1 <sup>5</sup> / <sub>8</sub>	<sup>3</sup> / <sub>4</sub>	1 <sup>1</sup> / <sub>2</sub>	—	<sup>1</sup> / <sub>2</sub> -13 UNC	<sup>1</sup> / <sub>2</sub> -13 UNC
PAE-9941-9	1000-397.5 ACSR, 336.4-2/0 AR	4/0 ACSR-#2 sol. #4-#6 AR	1.152	.743	.563	.258	3	2 <sup>1</sup> / <sub>6</sub>	2 <sup>5</sup> / <sub>16</sub>	2 <sup>1</sup> / <sub>4</sub>	<sup>3</sup> / <sub>4</sub>	—	—	<sup>1</sup> / <sub>2</sub> -13 UNC	<sup>1</sup> / <sub>2</sub> -13 UNC
PAE-3931-9-2	397.5 ACSR-3/0 str., 2/0-#6 AR	3/0 ACSR-2 str., #6 AR	.743	.464	.502	.292	4	2 <sup>1</sup> / <sub>6</sub>	2 <sup>5</sup> / <sub>16</sub>	3 <sup>3</sup> / <sub>8</sub>	<sup>3</sup> / <sub>4</sub>	—	1 <sup>3</sup> / <sub>4</sub>	<sup>1</sup> / <sub>2</sub> -13 UNC	<sup>1</sup> / <sub>2</sub> -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	.743	.464	.743	.464	5	2 <sup>1</sup> / <sub>6</sub>	2 <sup>5</sup> / <sub>16</sub>	3 <sup>3</sup> / <sub>8</sub>	<sup>3</sup> / <sub>4</sub>	—	1 <sup>1</sup> / <sub>2</sub>	<sup>1</sup> / <sub>2</sub> -13 UNC	<sup>5</sup> / <sub>16</sub> -11 UNC
PAE-9921-9	1000-397.5 ACSR, 336.4-2/0 AR	2/0 str.-#6 sol., #6 AR	1.152	.743	.414	.162	3	2 <sup>1</sup> / <sub>6</sub>	2 <sup>5</sup> / <sub>16</sub>	2 <sup>1</sup> / <sub>4</sub>	<sup>3</sup> / <sub>4</sub>	—	—	<sup>1</sup> / <sub>2</sub> -13 UNC	<sup>5</sup> / <sub>16</sub> -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	.743	.743	.464	4	2 <sup>1</sup> / <sub>6</sub>	3 <sup>3</sup> / <sub>16</sub>	3 <sup>1</sup> / <sub>2</sub>	<sup>3</sup> / <sub>4</sub>	—	1 <sup>1</sup> / <sub>2</sub>	<sup>1</sup> / <sub>2</sub> -13 UNC	<sup>5</sup> / <sub>16</sub> -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	.743	1.152	.743	6	2 <sup>1</sup> / <sub>6</sub>	3 <sup>1</sup> / <sub>2</sub>	6	<sup>3</sup> / <sub>4</sub>	—	2	<sup>1</sup> / <sub>2</sub> -13 UNC	<sup>5</sup> / <sub>16</sub> -11 UNC

\* RUS Listed.  
 AR = Over armor rod.

Overhead Connectors & Covers

# Blackburn® K Series Jumper Clamps

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



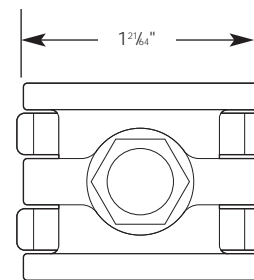
Features	Benefits/Descriptions
Made of Copper Alloy	Provides high strength and durability.
Silicon-Bronze Hex-Head Washer Bolt	Ensures a super-secure fitting.
Parallel-Groove Design	No need to remove the bolt for installation.
Available Unplated, Plated or with Plating in One Groove	Choose the model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

## Ordering Information for 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.

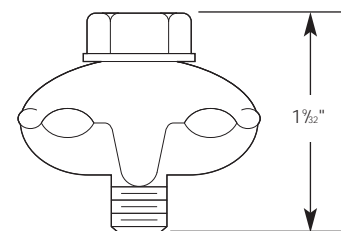
NOTE: Plated with plating removed from one groove. For use with aluminum, amerductor or galvanized steel strand to copper or copper-bonded steel wires.



## Ordering Information for 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.



## Ordering Information for 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, 9/16D Copperweld*, etc.

\*Trademark of Copperweld.

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

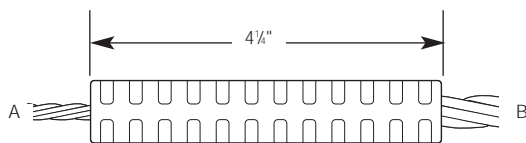
# Aluminum Semi-Tension Neutral Compression Splices — Common Die Series

Aluminum construction provides high conductivity.



SNG 02

Features	Benefits/Descriptions
Solid Center Stops	Ease cable insertion.
Prefilled with Oxide Inhibitor and Topped with Color-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.



## Ordering Information for 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 catalog number.

# Aluminum Loop Compression Splices

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



872

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.



892

## Ordering Information for 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	4¼	8A	TU	243, 52, ⅝, BG
Z 1 A 10	2/0 (6/1)	2/0	6⅜	—	TZ (6)	58, 60, 245, 9A
Z 1 A 51	—	3/0	4¼	10A	TZ (4)	
866*	3/0 (6/1)	3/0	6⅜	10A	TV (9)	249, 76 (3), 76H (6), 840
867*	4/0 (6/1)	4/0-250	6⅜	11A	TX (9)	
869	266.8	266-300	7½	11A	TH (6)	87 (3), 87H (6)
H 1 A 33	336.4 (18/1)	336-350	6⅜	11A		
872*	336.4	336.4-350	7½	13A		96 (3), 96H (6), 472, 655
874*	397.5	397.5-477	7½	14A		106 (3), 106A (6), 719, 327
876*	477	500-556.6	7½	15A		115(3), 115H (6), 318
879	556.5	600-700	9¼	—		125 (3), 125H (6), 1⅝, 608
883	605-666.6	715.5-800	12¼	—	140 (4), 140H (8)	
892	715.5-874.5	874.5-1000	12¼	—	150(4), 150H (8), 725, 352, 319, 292	

\* When using EEI dies, space compressions ⅝" apart.  
 † Select diameter equivalent to ACSR.



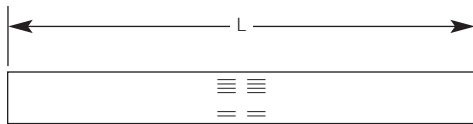
# Aluminum Full-Tension Compression Splices — For Aluminum Conductors

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

## Ordering Information for Aluminum Full-Tension Compression Splices

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

### Ordering Information for Aluminum Full-Tension Compression Splices

CAT. NO.	Wire Size	L (in.)	Installing Dies
BS 66	#6 AAC, #6 ACSR (6/1)	6 $\frac{1}{8}$	TB, 239, $\frac{1}{2}$
BS 46	#4 AAC, #4 ACSR (6/1), #4 AAAC	9 $\frac{1}{8}$	TB, 239, $\frac{1}{2}$
BS 467	#4 AAC, #4 ACSR (6/1), #4 ACSR (7/1), #4 AAAC	10 $\frac{1}{8}$	TB, 239, $\frac{1}{2}$
DS 26	#2 AAC, #2 ACSR (6/1)	12 $\frac{1}{4}$	BG, TW-TY
DS 267	#2 AAC, #2 ACSR (6/1), #2 ACSR (7/1), #2 AAAC	11 $\frac{1}{4}$	BG, TW-TY
WS 10	1/0 AAC, 1/0 ACSR (6/1), 1/0 AAAC	12 $\frac{1}{2}$	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 $\frac{1}{2}$	TM, 62, 1 $\frac{1}{8}$
16100	3/0 AAC, 3/0 ACSR (6/1), 3/0 AAAC	17 $\frac{1}{2}$	76H, 658
16101	4/0 AAC, 4/0 ACSR (6/1), 4/0 AAAC	17 $\frac{1}{2}$	87, 654
16104	336.4 (18/1) ACSR	19	96, 655, 1 $\frac{1}{2}$ -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.



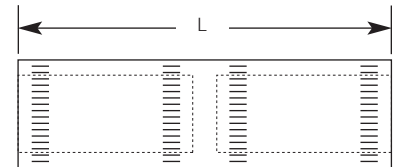
# Aluminum Multi-Range Dieless Compression Splices — Minimum and Partial Tension

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

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.



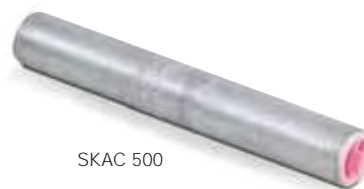
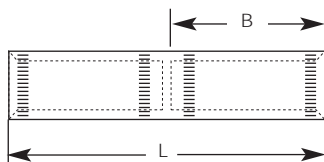
SGAC 500



## Ordering Information for Minimum Tension

CAT. NO.	Conductor Size	Decimal Range		Tool	L
		Min. O.D.	Max. O.D.		
SGAC 1/0	#10 sol. – 1/0 ACSR	.102	.398	VC-5/VC-6	2
SNG 00	#10 sol. – 1/0 ACSR	.102	.398	VC-5/VC-6	4½
SGAC 3/0	#8 sol. – 3/0 str.	.128	.470	VC-5/VC-6	3
SGAC 250	#4 sol. – 266.8 – 4/0 ACSR	.204	.593	VC-5/VC-6	4
SGAC 350	2/0 str. – 350 – 336.4 (18/1)	.414	.684	VC-6	5
SGAC 500	4/0 str. – 500 – 477 (18/1)	.522	.814	VC-6	5
SGAC 8650	350 str. – 636 (36/1) 400 copper max.	.681	.940	VC-8	8½
SGAC 8800	397.5 str. – 795 (36/1) 500 copper max.	.724	1.040	VC-8	10½

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



SKAC 500

## Ordering Information for 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	.292	.447	VC-5/VC-6	3½	6½
SKAC 4/0	1/0 str. – 4/0 ACSR	.368	.563	VC-5/VC-6	3½	8
SKAC 500	4/0 str. – 477 (18/1) ACSR	.522	.814	VC-6	3½	8
SKAC 600	300 – 477 (26/7) ACSR	.629	.858	VC-6	5½	11½
SKAC 700	556.5 – 636 (36/1) ACSR	.858	.930	VC-8	6½	12½
SKAC 800	700 – 795 (36/1) ACSR	.964	1.040	VC-8	6½	12½

# Aluminum Multi-Range Dieless Compression Splices — Full Tension

Aluminum compression splices provide high strength and high conductivity.

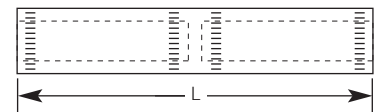


U 2 A 9

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

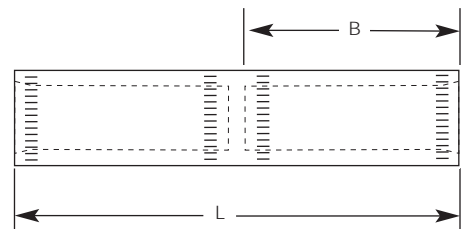


## Ordering Information for AAC Series — Full Tension

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	.232	.368	VC-5/VC-6	6 1/4
AAC 4/0 FT	1/0 str.-4/0 str. aluminum	.368	.522		8
AAC 350 FT	4/0 str.-350 aluminum – 336.4 (18/1)	.522	.681	VC-6	9 1/2
AAC 500 FT	336.4 str.-500 aluminum	.666	.795		12 1/2



ACSR 397.5 FT



## Ordering Information for 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	.232	.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	.162	.325		7	14 1/4
ACSR 1/0 FT	#2 str.-1/0 (6/1) ACSR	.292	.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	.292	.447		9 3/8	18 1/2
ACSR 4/0 FT	1/0 str. – 4/0 str. aluminum	.368	.563	VC-6	9 3/8	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	.470	.743		11	23

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

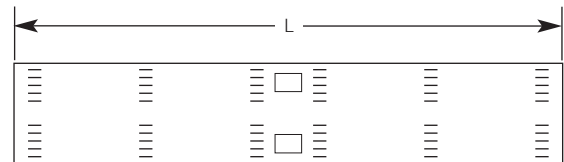
# Copper Loop Compression Splices

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.



## Ordering Information for 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. & str.	2 1/4	TJ (2)	161
J 1 C 3	#6 sol. & str.		TJ (2)	161
L 1 C 5	#4 sol. & str.		TLTN (2)	162
Q 1 C 7	#2 sol. & #2 (7) str.	4 1/4	TO (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 catalog 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.



## Ordering Information for Copper Full-Tension Compression Splices

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

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

\* RUS Accepted

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

# Flood-Seal® Insulated Compression Pin Terminals

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

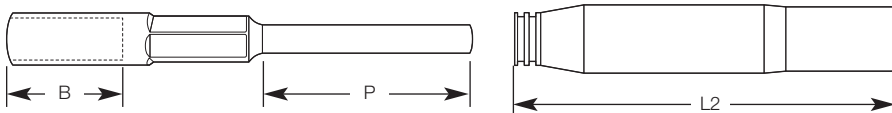


RU 5



RU 5 U 10

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.



## Ordering Information for 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, ⅜, 8A	2	1 <sup>5</sup> / <sub>16</sub>
RU 5 U 2	#2	#2	#4	TU, 52, BG, 243, ⅜, 8A	2	1 <sup>5</sup> / <sub>16</sub>
RU 5 U 10	1/0	1/0	#2	TU, 52, BG, 243, ⅜, 8A	2½	1 <sup>5</sup> / <sub>16</sub>
RG 5 U 10	1/0	1/0	#2	⅝-1, 297, 245, TW-TY, ⅜ GOLD	2½	1%
RG 5 U 20	2/0	2/0	1/0	⅝-1, 297, 245, TW-TY, ⅜ GOLD	2½	1%
RX 5 U 30	3/0	3/0	1/0	TX, 76, 249, 840, 11A	3	1 <sup>1</sup> / <sub>8</sub>
RX 5 U 40	4/0	4/0	2/0	TX, 76, 249, 840, 11A	3	1 <sup>1</sup> / <sub>8</sub>
RX 5 U 336	300-350	336.4 (18/1)	4/0	TX, 76, 249, 840, 11A	4	1 <sup>1</sup> / <sub>8</sub>

## Ordering Information for Flood-Seal® Insulators Only

CAT. NO.	Conductor Size		L2 (in.)
	Alum. Str.	ACSR	
RU 5	#4-1/0	#4-1/0	3 <sup>1</sup> / <sub>16</sub>
RG 5	1/0 & 2/0	1/0 & 2/0	5 <sup>1</sup> / <sub>16</sub>
RX 5	3/0-336.4	3/0-336.4	6 <sup>1</sup> / <sub>16</sub>

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.

Overhead Connectors &amp; Covers

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

Compression pin terminals for a variety of conductor sizes.



PTB 350

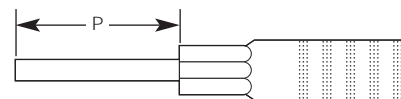
Features	Benefits/Descriptions
Connect Aluminum and ACSR to Copper-Alloy Equipment Clamps	Eliminate cold-flow problems of aluminum conductor in copper clamps.
Annealed, Tin-Plated Copper Pin	Ensures high conductivity and bends easily to aid in cable training.
Oxide Inhibitor and Metal Sealant	Prevent 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



## Ordering Information for Q 5, U 5 and X 5 Series

CAT. NO.	Conductor Size			Installing Dies	Solid Cu Pin	P (in.)
	Aluminum		ACSR			
	Sol.	Str.	ACSR			
Q 5 U 8	#6	#8	—	1/8, 163, TQ, 6A*	4 (.204)	2
Q 5 U 6	#4	#5 & #6	#6		4 (.204)	2
Q 5 U 4	#2	#3 & #4	#4		4 (.204)	2
Q 5 U 2	—	#1 & #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 & #6	#6		4 (.204)	2
U 5 U 4	#2	#3 & #4	#4		4 (.204)	2
U 5 U 2	—	#1 & #2	#2		4 (.204)	2
U 5 U 10	—	1/0	1/0	840, WK840, 249, TX, 11A*	2 (.257)	2½
X 5 U 10	—	1/0	1/0		2 (.257)	2½
X 5 U 20	—	2/0	2/0		1/0 (.325)	2½
X 5 U 30	—	3/0	3/0		1/0 (.325)	3
X 5 U 40	—	4/0	4/0		2/0 (.365)	3
X 5 U 266	—	250–266.8	266.8		3/0 (.410)	3½
X 5 U 366	—	300–350	336.4 (18/1)		4/0 (.460)	4

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

## Ordering Information for PT Series

CAT. NO.	Conductor Size		Installing Dies	Solid Cu Pin	P (in.)
	Alum. Str.	ACSR			
PTB 300	266.8 & 300	266.8 (18/1)	96, 472, 705, 1-1/8-1	.460	4
PTB 350	336.4 & 350	266.8 (26/7), 336.4 (18/1)		.460	
PTB 400	397.7 & 400	336.4 (26/7), 397.5 (18/1)		.460	
PTM 500	447 & 500 & 600 CPT	397.5, 477, (26/7, 18/1)	106A, 300, 426, 1 1/8, 317	.562	5
PTM 556	500 & 556.5	477 (26/7), 556.5 (18/1)		.562	
PTL 636	600 & 636	556.5, 636 (36/1, 26/7)	140H, 301, 724, 1 1/2	.562	6
PTL 750	700 & 750	636 (26/7)		.750	
PTL 800	795 & 800	715.5 (26/7), 795 (36/1)		.750	
PTL 1000	954 & 1000	795 (26.7), 954 (45/7)		.875	

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



# 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.

## Ordering Information for SAPT Series

CAT. NO.	ACSR	Str.	Compr.	Compt.	Sol.	Pin Dia.	Pin Length	Dies	Barrel Insertion
SAPT 6-26	—	#6			—	2 (.257)	6	TU, 52, BG, 243, 5/8	1 1/4
SAPT 4-26		#4			#2	2 (.257)	6	TU, 52, BG, 243, 5/8	1 1/4
SAPT 2-24	#2	#2			1/0	2 (.257)	4	BG, 5/8, 620H, 3/8	1 1/4
SAPT 2-12		#2	—	—	—	2 (.257)	12	TU, 52, BG, 243, 5/8	1 1/4
SAPT 2-26		#1, #2				2 (.257)	6	TU, 52, BG, 243, 5/8	1 1/4
SAPT 2-1017		#1, #2				1/0 (.325)	17	TU, 52, BG, 243, 5/8	1 1/4
SAPT 2-26-840	—	#1, #2			1/0	2 (.257)	6	TX, 76, 249, 840, 11A	1 1/4
SAPT 1-12E		#1	#1	1/0		2 (.257)	12	TU, 52, BG, 243, 5/8	1 1/4
SAPT 1S-26		#2				2 (.257)	6	TU, 52, BG, 243, 5/8	1 1/4
SAPT 1/0-10		1/0				2 (.257)	10	TU, 52, BG, 243, 5/8	1 1/4
SAPT 1/0-1017 CC	1/0	1/0				1/0 (.325)	17	TU, 52, BG, 243, 5/8	1 1/4
SAPT 1/0-106		1/0				1/0 (.325)	6	TU, 52, BG, 243, 5/8	1 1/4
SAPT 1/0-12		1/0				2 (.257)	12	TU, 52, BG, 243, 5/8	1 1/4
SAPT 1/0-26		1/0				2 (.257)	6	TU, 52, BG, 243, 5/8	1 1/4
SAPT 1/0-26-840		1/0				2 (.257)	6	TX, 76, 249, 840, 11A	1 1/4
SAPT 3/0-106		3/0	—	—	—	1/0 (.325)	6	TX, 76, 249, 840, 11A	2 1/4
SAPT 4/0-1018 CC	—	4/0				1/0 (.325)	18	TX, 76, 249, 840, 11A	2 1/2
SAPT 4/0-106		4/0				1/0 (.325)	6	TX, 76, 249, 840, 11A	2 1/2
SAPT 4/0-2012		4/0				2/0 (.365)	12	TX, 76, 249, 840, 11A	2 1/2
SAPT 4/0-206		4/0				2/0 (.365)	6	TX, 76, 249, 840, 11A	2 1/2
SAPT 4/0-26		4/0				2 (.257)	6	TX, 76, 249, 840, 11A	2 1/2
SAPT 350-6	266.8 (26/7), 336.4 (18/1)	336.4-350				(.562)	6	1 1/2-1, 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.

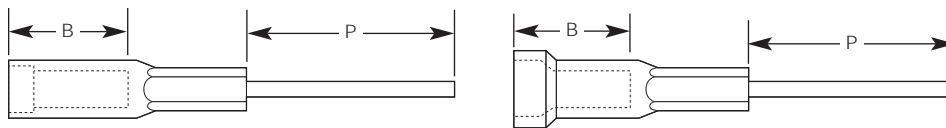
# Shrouded Compression Pin Terminals — Common Die Series

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.



## Ordering Information for 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	.204	.400	52, TU, BG, 8A, 5/8, 243	2	1 1/8	2
PTSG 4	#4	#4	.204	.450		2	1 1/8	
PTSG 21	#2-#1	#2-#1	.258	.604		2	1 1/8	1
PTSG 1/0	1/0	1/0	.258	.640	2 1/4	1 1/8		
PTSK 1/0	1/0	1/0	.258	.640	840, 11A, 76, TX, 249	4	1 3/4	2
PTSK 2/0	2/0	2/0	.324	.750		4	1 3/4	
PTSK 3/0	3/0	3/0	.324	.750		4	1 3/4	
PTSK 4/0	4/0	4/0	.364	.750		4	1 3/4	
PTSB 350	336.4-350	266.6 (26/7), 366.4 (18/1)	.460	.937		1 1/2-1, 299, 655, 96, 13A	4	
PTSL 636	600-636	556.5 (26/7), 636 (36/1)	.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.

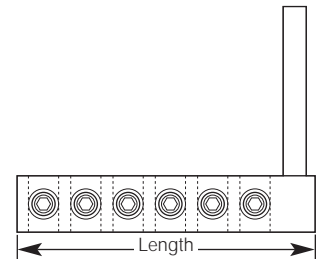
# Aluminum Overhead Transformer Eyebolt Multi-Tap Set-Screw Connectors

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.



## Ordering Information for 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 $\frac{1}{2}$	1/2 x 4	#6-250	ABP 2500	2	3 $\frac{1}{2}$	3/4 x 4 1/2	#2-500
ABP 340	3	3 $\frac{3}{8}$			ABP 3500	3	4 $\frac{1}{2}$		
ABP 440	4	4 $\frac{1}{2}$			ABP 4500	4	5 $\frac{1}{2}$		
ABP 540	5	4 $\frac{5}{8}$			ABP 5500	5	6 $\frac{1}{2}$		
ABP 640	6	5 $\frac{1}{4}$			ABP 6500	6	7 $\frac{1}{2}$		
ABP 740	7	6 $\frac{1}{2}$			ABP 7500	7	8 $\frac{1}{2}$		
ABP 840	8	7 $\frac{1}{2}$			ABP 8500	8	9 $\frac{1}{2}$		
ABP 2350	2	3 $\frac{3}{8}$			5/8 x 4	#6-350	ABP 2750		
ABP 3350	3	4 $\frac{1}{8}$	ABP 3750	3			5 $\frac{1}{2}$		
ABP 4350	4	5	ABP 4750	4			6 $\frac{1}{2}$		
ABP 5350	5	5 $\frac{1}{2}$	ABP 5750	5			8 $\frac{1}{2}$		
ABP 6350	6	6 $\frac{1}{2}$	ABP 6750	6			9 $\frac{1}{2}$		
ABP 7350	7	7 $\frac{1}{4}$	ABP 7750	7			10 $\frac{1}{4}$		
ABP 8350	8	8 $\frac{1}{2}$	ABP 8750	8			12 $\frac{1}{2}$		

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.

## Ordering Information for Specialty Connector

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

# 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.

## Ordering Information for Multi-Tap Set-Screw Connectors

CAT. NO.	Conductor Range	Outlets	Exposed Pin Size
RABP 4350	#12-350	4	½ x 2
RABP 5350		5	
RABP 6350		6	

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

# 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.



## Ordering Information for 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 7/8"

NOTE: All bolt holes are 5/8" spaced on 1 1/2" centers.  
For special pin lengths, please consult your Thomas & Betts representative.



Fig. 1

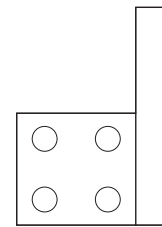


Fig. 2

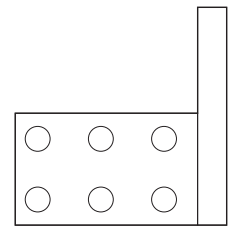


Fig. 3

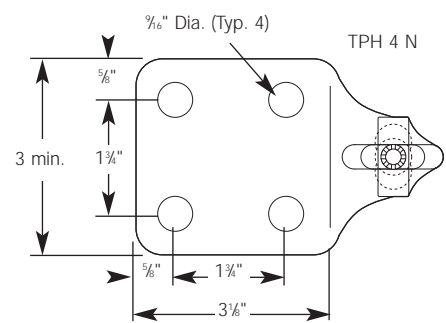
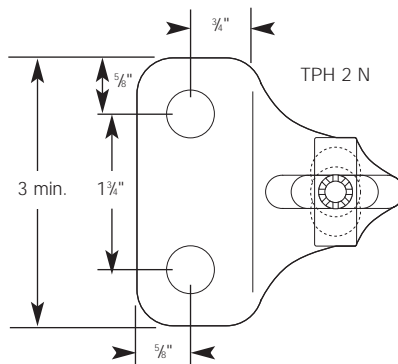
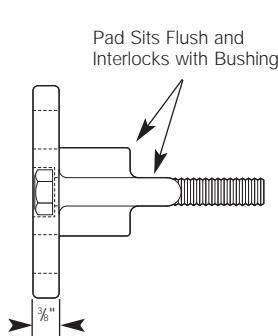
# Transformer Bushing Pads

Pads sit flush and interlock with 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.



TPH 4 N



## Ordering Information for Transformer Bushing Pads

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

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

Overhead Connectors & Covers

# Blackburn® ATS Autaset® Automatic Splices

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

Blackburn® automatic connectors make fast and dependable overhead tension splices that take a bite out of installation time. The conductor simply slips into the color-coded, funnel-shaped end piece 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
Color-Coded, Funnel-Shaped End Pieces	Color 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.
Color-Coded Tape	Enables identification of the minimum conductor size of wide-range connectors — it further eliminates errors and speeds up installations!

## Ordering Information for Blackburn® ATS Autaset® Automatic Splices

CAT. NO.	Conductor Range			Decimal Range	Color Code	Overall Length (in.)
	ACSR	AAAC	AAC			
ATS4-S	#4 $\frac{1}{2}$ , $\frac{7}{8}$	#4	#4	.232-.260	4 – Orange	11.50
ATS4	#4 $\frac{1}{2}$ , $\frac{7}{8}$	#4	#4	.232-.260	4 – Orange	13.75
ATS42	#4 $\frac{1}{2}$ , $\frac{7}{8}$	#4-#2	#4-#2	.232-.332	4 – Orange, 2 – Red	13.75
ATS2	#2 $\frac{1}{2}$ , $\frac{7}{8}$	#2	#2	.292-.332	2 – Red	13.75
ATS10	1/0 $\frac{1}{2}$	1/0	1/0	.368-.410	1/0 – Yellow	16.25
ATS1020	1/0 $\frac{1}{2}$	1/0-2/0	1/0-2/0	.368-.461	1/0 – Yellow, 2/0 – Gray	16.25
ATS20	2/0 $\frac{1}{2}$	2/0	2/0	.414-.461	2/0 – Gray	16.25
ATS30	3/0 $\frac{1}{2}$	3/0	3/0	.461-.522	3/0 – Black	16.25
ATS3040	3/0 $\frac{1}{2}$	3/0-4/0	3/0-4/0	.461-.575	3/0 – Black, 4/0 – Pink	23.50
ATS40	4/0 $\frac{1}{2}$ , 266 $\frac{19}{32}$	4/0	4/0	.475-.575	4/0 – Pink	23.50
ATS266336	266 $\frac{26}{32}$ *, 336 $\frac{18}{32}$ , 336 $\frac{26}{32}$ *	312.8*	266-336	.586-.684	Green	23.50
ATS397477	397 $\frac{18}{32}$ , 397 $\frac{26}{32}$ *, 477 $\frac{18}{32}$ *	394.5*	397-477	.720-.858	Blue	23.50

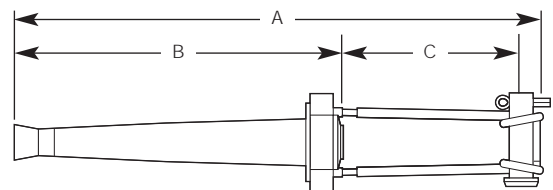
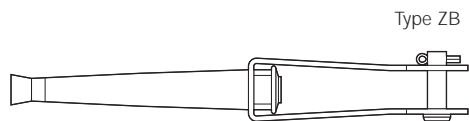
\* Application limited to maximum 10,000 lb. tensile.

# Blackburn® ATD-ZB Stainless Steel Bail

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



Features	Benefits/Descriptions
Color-Coded, Funnel-Shaped End Piece	Color 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.
Color-Coded Tape	Enables identification of the minimum conductor size of wide-range connectors — it further eliminates errors and speeds up installations.

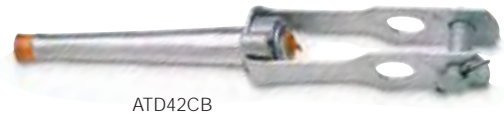


## Ordering Information for Blackburn® ATD-ZB Stainless Steel Bail

CAT. NO.	Conductor Range			Decimal Range	Color Code	Approximate Dimensions (in.)		
	ACSR	AAAC	AAC			A	B	C
ATD42ZB	#4 <sup>1</sup> / <sub>2</sub> , 7 <sup>1</sup> / <sub>8</sub> ; #2 <sup>1</sup> / <sub>2</sub> , 7 <sup>1</sup> / <sub>8</sub>	#4, #2	#4, #2	.232-.332	4 - Orange, 2 - Red	12 <sup>1</sup> / <sub>8</sub>	7 <sup>1</sup> / <sub>8</sub>	5 <sup>1</sup> / <sub>8</sub>
ATD1020ZB	1/0 <sup>1</sup> / <sub>2</sub> , 2/0 <sup>1</sup> / <sub>2</sub>	1/0, 2/0	1/0, 2/0	.368-.461	1/0 - Yellow, 2/0 - Gray	14 <sup>1</sup> / <sub>2</sub>	9	4 <sup>1</sup> / <sub>8</sub>
ATD3040ZB	3/0 <sup>1</sup> / <sub>2</sub> , 4/0 <sup>1</sup> / <sub>2</sub>	3/0, 4/0	3/0, 4/0	.461-.575	3/0 - Black, 4/0 - Pink	20 <sup>3</sup> / <sub>8</sub>	11 <sup>3</sup> / <sub>8</sub>	8 <sup>1</sup> / <sub>2</sub>
ATD266336ZB	266 <sup>1</sup> / <sub>2</sub> , 336 <sup>1</sup> / <sub>2</sub>	266, 336	266, 336	.586-.684	Green	20 <sup>3</sup> / <sub>8</sub>	11 <sup>3</sup> / <sub>8</sub>	8 <sup>1</sup> / <sub>2</sub>
ATD397477ZB	397 <sup>1</sup> / <sub>2</sub> , 477 <sup>1</sup> / <sub>2</sub>	397, 477	397, 477	.720-.858	Blue	20 <sup>3</sup> / <sub>8</sub>	11 <sup>3</sup> / <sub>8</sub>	8 <sup>1</sup> / <sub>2</sub>

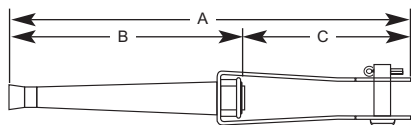
# Blackburn® ATD-CB Clevis Bracket

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.



## Ordering Information for Blackburn® ATD-CB Clevis Bracket

CAT. NO.	Conductor Range			Decimal Range	Color Code	Approximate Dimensions (in.)		
	ACSR	AAAC	AAC			A	B	C
ATD42CB	#4 <sup>1</sup> / <sub>2</sub> , 7 <sup>1</sup> / <sub>8</sub> ; #2 <sup>1</sup> / <sub>2</sub> , 7 <sup>1</sup> / <sub>8</sub>	#4, #2	#4, #2	.232-.332	4 - Orange, 2 - Red	12 <sup>3</sup> / <sub>16</sub>	7 <sup>7</sup> / <sub>16</sub>	5 <sup>1</sup> / <sub>16</sub>
ATD1020CB	1/0 <sup>1</sup> / <sub>2</sub> , 2/0 <sup>1</sup> / <sub>2</sub>	1/0, 2/0	1/0, 2/0	.368-.461	1/0 - Yellow, 2/0 - Gray	15 <sup>1</sup> / <sub>16</sub>	9	5 <sup>3</sup> / <sub>16</sub>
ATD3040CB	3/0 <sup>1</sup> / <sub>2</sub> , 4/0 <sup>1</sup> / <sub>2</sub>	3/0, 4/0	3/0, 4/0	.461-.575	3/0 - Black, 4/0 - Pink	20 <sup>3</sup> / <sub>16</sub>	11 <sup>3</sup> / <sub>16</sub>	6 <sup>1</sup> / <sub>2</sub>
ATD266336CB	266 <sup>1</sup> / <sub>2</sub> , 336 <sup>1</sup> / <sub>2</sub>	266, 336	266, 336	.586-.684	Green	19 <sup>3</sup> / <sub>16</sub>	11 <sup>3</sup> / <sub>16</sub>	6 <sup>1</sup> / <sub>2</sub>
ATD397477CB	397 <sup>1</sup> / <sub>2</sub> , 477 <sup>1</sup> / <sub>2</sub>	397, 477	397, 477	.720-.858	Blue	19 <sup>3</sup> / <sub>16</sub>	11 <sup>3</sup> / <sub>16</sub>	6 <sup>1</sup> / <sub>2</sub>

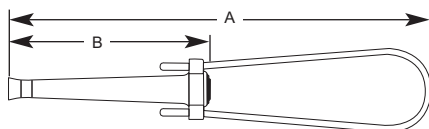
# Blackburn® ATD-FB Flexible Bail

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



ATD42FB

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



## Ordering Information for Blackburn® ATD-FB Flexible Bail

CAT. NO.	Conductor Range			Decimal Range	Color Code	Approximate Dimensions (in.)	
	ACSR	AAAC	AAC			A	B
ATD42FB	#4 <sup>1</sup> / <sub>2</sub> , 7 <sup>1</sup> / <sub>8</sub> ; #2 <sup>1</sup> / <sub>2</sub> , 7 <sup>1</sup> / <sub>8</sub>	#4, #2	#4, #2	.232-.332	4 - Orange, 2 - Red	14 <sup>3</sup> / <sub>16</sub>	7 <sup>7</sup> / <sub>16</sub>
ATD1020FB	1/0 <sup>1</sup> / <sub>2</sub> , 2/0 <sup>1</sup> / <sub>2</sub>	1/0, 2/0	1/0, 2/0	.368-.461	1/0 - Yellow, 2/0 - Gray	18 <sup>3</sup> / <sub>16</sub>	9



# Blackburn® ATDG™ Guystrand Connectors for Steel Strand Applications

Installation made easy — no tools required.

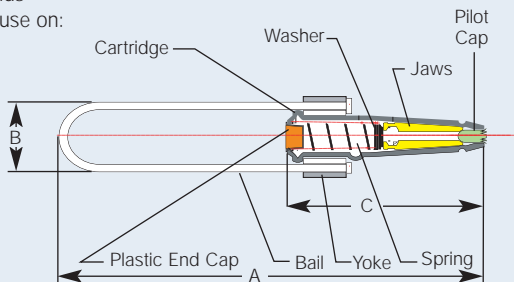


Features	Benefits/Descriptions
Tapered Cartridge Is Made of Aluminum and Steel Jaws Have Hardened Zinc Plating	Built tough. The connectors can handle tensile loads in excess of 90% of the rated strength of the recommended strand. What's more, they exceed 90% of the strand rated breaking strength.
Pilot 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)



## Ordering Information for Blackburn® ATDG™ Guystrand Connectors for Steel Strand Applications

CAT. NO.	Type	Strand Nominal Diameter in. (mm)	Strand†		Dimensions in. (mm)		
			Size	RBS lbs. (kN)	A	B	C
ATDG14	Std. Bail	¼ (6.35)	¼ (6.6M)	6,650 (29.58)	9.2 (233.7)	1.7 (43.2)	4.0 (101.6)
ATDG516		⅝ (7.94)	⅝ (6M)	11,200 (49.82)	9.5 (241.3)	1.8 (45.7)	4.5 (114.3)
ATDG38*		¾ (9.52)	¾ (10M)	15,400 (68.50)	11.5 (292.1)	2.3 (58.4)	5.0 (127)
ATDG716*		⅞ (11.11)	⅞ (18M)	20,800 (92.52)	14 (355.6)	2.8 (71.1)	6.8 (172.7)
ATDG14-L	Long Bail	¼ (6.35)	¼ (6.6M)	6,650 (29.58)	13.4 (340.4)	1.7 (43.2)	4.0 (101.6)
ATDG516-L		⅝ (7.94)	⅝ (6M)	11,200 (49.82)	15.1 (383.5)	1.8 (45.7)	4.5 (114.3)
ATDG38-L*		¾ (9.52)	¾ (10M)	15,400 (68.50)	17.0 (431.8)	2.3 (58.4)	5.0 (127)
ATDG716-L*		⅞ (11.11)	⅞ (18M)	20,800 (92.52)	22 (558.8)	2.8 (71.1)	6.8 (172.7)

\* Items for ¾" and ⅞" steel strand are not EHS rated.  
 † RBS rating listed is for 7-wire EHS strand.

# Blackburn® ATSG™ Splices

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

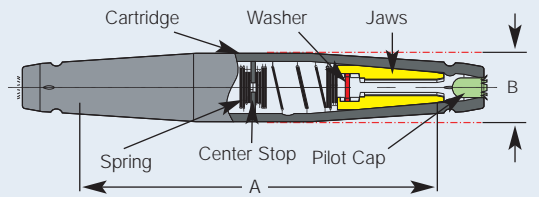


Features	Benefits/Descriptions
Tapered Cartridge Is Made of Aluminum and Steel Jaws Have Hardened Zinc Plating	Built tough. The connectors can handle tensile loads in excess of 90% of the rated strength of the recommended strand. What's more, they exceed 90% of the strand rated breaking strength.
Pilot 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)



## Ordering Information for 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)	.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.



## Ordering Information for Blackburn® W™ Aluminum Service Wedge Clamps

CAT. NO.	Description	Conductor Range			Dimensions (in.)		Typical Tensile Values		Color Code
		ACSR	AL	AAAC	D	L	Conductor	Value (lb.)	
W62-1 W62-1 FC	W-1 Series aluminum wedge and slider	#2-#6	#1 str.- #6 sol.	#2-#6	2½ flex.	12 17½	2% ACSR	1,200	Orange
W20-1 W20-1 FC		1/0-#4	2/0 str.- #2 sol.	1/0-#4	2½ flex.	12½ 18½	1/0% ACSR	1,800	Blue
W40-1* W40-1 FC*		4/0-2/0	4/0 str.- 2/0 sol.	4/0-2/0	2½ flex.	12¾ 18½	4/0% ACSR	1,900	Red
W62-1 B† W62-1 BFC†	W-1B Series iridited aluminum wedge and slider	2-#6	#1 str.- #6 sol.	2-#6	2½ flex.	12 17½	2% ACSR	1,200	Orange
W20-1 B† W20-1 BFC†		1/0-#4	2/0 str.- #2 sol.	1/0-#4	2½ flex.	12½ 18½	1/0% ACSR	1,800	Blue
W40-1 B*† W40-1 BFC*†		4/0-2/0	4/0 str.- 2/0 sol.	4/0-2/0	2½ flex.	12¾ 18½	4/0% ACSR	1,900	Red

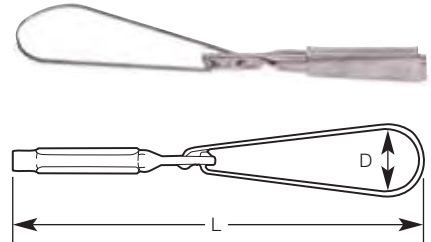
\* W40 series clamps rated 850 lb. ultimate tension for 1/0 ACSR, AL or AAAC.  
 † For extremely corrosive areas.

NOTE: Catalog 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.



## Ordering Information for Blackburn® W Stainless Steel Wedge Clamp

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



**QUICK REFERENCE**

**Overhead Wedge Connectors** page(s)

PowerTap™ Wedges . . . . . 180

PowerTap Stirrups & Terminal Lugs . . . . . 181

BolTap™ Wedges . . . . . 182



**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.

## Ordering Information for PowerTap™ Wedges

### Small Taps — Use Shell PT-White

CAT. NO.	Wire Combinations
PT 1010	1/0-#2
PT 1011	#2-#2, 1/0-#4
PT 1012	#2-#4, 1/0-#6
PT 1013	#4-#4, #2-#6
PT 1014	#6-#6, #4-#6
PT 1015	#8-#8

### Medium Taps — Use Shell PT-Blue

PT 4001	1/0-1/0, 2/0-#2, 1/0-#2
PT 4002	2/0-2/0, 3/0-1/0, 4/0-#2
PT 4003	3/0-#6, 2/0-#6
PT 4004	2/0-#4, 3/0-#4
PT 4005	2/0-1/0, 3/0-#2
PT 4006	4/0-#4
PT 4007	4/0-#4
PT 4008	3/0-2/0, 4/0-1/0
PT 4009	3/0-3/0, 4/0-2/0
PT 4010	4/0-3/0
PT 4011	4/0-4/0

### 266 kcmil Taps — Use Shell PT-Blue

PT 26601	266.8-#6
PT 26602	266.8-#4
PT 26603	266.8-#2
PT 26604	266.8-1/0
PT 26605	266.8-2/0
PT 26606	266.8-3/0
PT 26607	266.8-4/0
PT 26608	-
PT 26609	266.8-266.8

### 350 kcmil Taps — Use Shell PT-White

PT 35000	350-#6
PT 35001	350-#4
PT 35002	350-#2
PT 35003	350-1/0
PT 35004	350-2/0
PT 35005	350-3/0
PT 35006	350-4/0
PT 35007	350-350

### 336-556 kcmil Taps — Use Shell PT-Yellow

CAT. NO.	Wire Combinations
PT 33601	336.4-336.4
PT 33602	336.4-266.8
PT 33603	336.4-4/0
PT 33604	336.4-3/0
PT 33605	336.4-2/0
PT 33606	336.4-1/0
PT 33607	336.4-#2
PT 33608	336.4-#4
PT 33609	336.4-#6
PT 47701	477-#2 or -#3
PT 47702	477-#4 or -#5
PT 47703	477-#6
PT 55601	556.5-477; or -556.5
PT 55602	477-477; 556.5-336.4
PT 55603	477-336.4; 556.5-266.8
PT 55604	477-266.8; 556.4-3/0 or -4/0
PT 55605	477-4/0; 556.5-2/0
PT 55606	477-3/0; 556.5-#1
PT 55607	477-2/0; 556.5-#1
PT 55608	477-1/0; 556.5-#2
PT 55609	556.5-#2 or -#3
PT 55611	556.5-#4 or -#5
PT 55612	556.5-#6

### 795 kcmil Taps — Use Shell PT-Yellow

PT 79500	795-795
PT 79501	795-715
PT 79502	795-636
PT 79503	795-556.5
PT 79504	795-477
PT 79505	795-397.5
PT 79506	795-336.4
PT 79507	795-266.4
PT 79508	795-4/0
PT 79509	795-3/0
PT 79510	795-2/0
PT 79511	795-1/0
PT 79512	795-#2
PT 79513	795-#4
PT 79514	795-#6

### 1033.5 kcmil Taps — Use Shell PT-Yellow

CAT. NO.	Wire Combinations
PT 103300	1033.5-1033.5
PT 103301	1033.5-954
PT 103302	1033.5-795
PT 103303	1033.5-715.5
PT 103304	1033.5-636
PT 103305	1033.5-556.5
PT 103306	1033.5-477
PT 103307	1033.5-397.5
PT 103308	1033.5-336.4
PT 103309	1033.5-266.8
PT 103310	1033.5-4/0
PT 103311	1033.5-3/0
PT 103312	1033.5-2/0
PT 103313	1033.5-1/0
PT 103314	1033.5-#2
PT 103315	1033.5-#4
PT 103316	1033.5-#6

### 1192 kcmil Taps — Use Shell PT-Yellow

PT 119200	1192.5-1192.5
PT 119201	1192.5-1033.5
PT 119202	1192.5-954
PT 119203	1192.5-795
PT 119204	1192.5-715.5
PT 119205	1192.5-636
PT 119206	1192.5-556.5
PT 119207	1192.5-477
PT 119208	1192.5-397.5
PT 119209	1192.5-336.4
PT 119210	1192.5-266.8
PT 119211	1192.5-4/0
PT 119212	1192.5-3/0
PT 119213	1192.5-2/0
PT 119214	1192.5-1/0
PT 119215	1192.5-#2
PT 119216	1192.5-#4
PT 119217	1192.5-#6

NOTE: For a kit containing a wedge and PowerTap shell, add "-K" suffix to the catalog number.

# 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.

## Ordering Information for PowerTap™ Stirrups

Use Shell PT-Blue			Use Shell PT-Yellow		
CAT. NO.	Wire Size	Bail Size	CAT. NO.	Wire Size	Bail Size
PT 4020 S 2	#1, 1/0, 2/0	#2	PT 33606 S 10	336.4	1/0
PT 4005 S 10	1/0, 2/0	1/0	PT 33605 S 20	336.4	2/0
PT 4004 S 2	2/0, 3/0	#2	PT 33604 S 40	336.4	4/0
PT 4007 S 2	3/0, 4/0	#2	PT 47701 S 10	397.4, 477	1/0
PT 4007 S 10	3/0, 4/0	1/0	PT 55607 S 20	397.4, 477	2/0
PT 4008 S 20	3/0, 4/0	2/0	PT 55606 S 40	397.4, 477	4/0
PT 26602 S 2	266.8	#2	PT 55608 S 10	556	1/0
PT 26603 S 10	266.8	1/0	PT 55607 S 20	556	2/0
PT 35002 S 10	350 AAC	1/0	PT 55605 S 40	556	4/0
PT 35002 S 2	350 AAC	#2	PT 79511 S 40	636	4/0
Use Shell PT-White			PT 79512 S 20	636	2/0
PT 1050 S 2	#6	#2	PT 79511 S 20	795	2/0
PT 1011 S 2	#5, #4, #2	#2	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

## Ordering Information for 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
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.



A 4055

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.

## Ordering Information for BolTap™ Wedges

CAT. NO.	Conductor Combinations	CAT. NO.	Conductor Combinations
A 4025	266.8-#4 or -#6; 336-#4 or -#6; 350-#4 or -#6	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 4030	266.8-#2 or -1/0; 336-#6, -#4 or -#2; 350-#2; 397-#6 or -#4; 477-#6; 500-#6	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 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 5060	556-266, -336 or -350; 605-266, -300, -336 or -350; 636-266, -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 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 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 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 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 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 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 4055	336-336 or -397; 397-336, -350 or -397; 477-266, -300, -336 or -350; 556-266, -300 or -336	A 5080	636-636; 795-477, -556, -605, -636, -653, -750 or -795; 954-477, -556, -636 or -750
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 5085	795-605, -636 or -795; 954-605, -636, -653 or -795
A 4065	477-397, -477 or -556; 556-397, -477 or -556	A 5090	795-795; 954-795 or -954
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		

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 catalog number. For BolTap stirrups, please consult your Thomas & Betts representative.





## QUICK REFERENCE

Tools	page(s)
PowerTap™ Tools & Accessories . . . . .	184
Crimping Tools . . . . .	185–188
Hydraulic Crimper & Battery-Powered Cutter . . . . .	189
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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.



PT Clip, White/Blue



PT Clip, Yellow

Tools

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.

## Ordering Information for PowerTap™ Fire-On Tools and Accessories

### PowerTap™ Tool

CAT. NO.	Description
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
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### PowerTap™ Tool Cleaning Kit

PT TOOL CLEANING KIT	See Fig.1
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### PowerTap™ Carrying Case

PT CARRYING CASE	Carrying Case
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### 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



PT TOOL

## 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 Homic®/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.

### Ordering Information for 6.2-Ton Battery-Powered Dieless Crimping Tool — 0.9" Jaw Opening

CAT. NO.	Comp. Force	Connector Range Copper and Aluminum Lugs and Splices	Dimensions (in.)	Weight (lbs.)	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 Homic®/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.

### Ordering Information for 6.2-Ton Battery-Powered Flip-Top Dieless Crimping Tool — 1.5" Jaw Opening

CAT. NO.	Comp. Force	Connector Range Copper and Aluminum Lugs and Splices	Dimensions (in.)	Weight (lbs.)	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.

Tools

## 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).

### Ordering Information for Battpac® LT BPI42300CR 4-Ton Inline Cordless Crimp Tool

CAT. NO.	Comp. Force	Connector Range		Dimensions (in.)	Weight (lbs.)
		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.

### Ordering Information for Rechargeable 6-Ton Crimping Tool

CAT. NO.	Comp. Force	Connector Range			Dimensions (in.)	Weight (lbs.)
		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.

## Ordering Information for Battpac® LT BPLT62BSCR/BPLT62500BSCR 6-Ton Compression Tools

CAT. NO.	Comp. Force	Connector Range			Dimensions (in.)	Weight (lbs.)
		Copper Lugs, Splices	Aluminum Lugs, Splices	C-Taps		
BPLT62BSCR 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.

## Ordering Information for Battpac® LT BPLT6500BSCR 6-Ton Compression Tool

CAT. NO.	Connector Range					Dimensions (in.)	Weight (lbs.)
	Copper Lugs, Splices	Aluminum Lugs, Splices	C-Taps	Copper H-Taps	Aluminum H-Taps		
BPLT6500BSCR	Up to 600	Up to 400	54705 to 54750	CH814-10 to CHT214-9	63105 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.



BPLT14BSCR



BPLT14BSCRI

Tools

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.

## Ordering Information for Battpac® LT 14-Ton Battery-Powered Compression Tools

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

\* I in catalog number denotes insulated head.

## 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.

### Ordering Information for TBM14MC 14-Ton Compact Manual Hydraulic Crimp Tool

CAT. NO.	Comp. Force	Connector Range					Length (in.)	Weight (lbs.)
		Copper Lugs and Splices	Aluminum Lugs and 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 2½" 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.

### Ordering Information for Battpac® TBM54BSCT Battery-Powered Cutter

CAT. NO.	Conductor	Approx. Cutting Cycles		Dimensions (in.)	Weight (lbs.)
		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 2½" Al	30	90		

## UT 3 M Installation Tool

Nothing to lose — a built-in  $\frac{5}{8}$ " die is precision-cast and installs compression connectors from #8 to 4/0.



UT 3 M

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.

### Ordering Information for 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  $\frac{1}{2}$ " and  $\frac{5}{8}$ " compression connectors.



UT 3

Features	Benefits/Descriptions
Also Accommodates UT 3-4 G and UT 3-4 R Dies	Perform additional installation work. UT3-4 G is a $\frac{1}{2}$ " and $\frac{5}{8}$ " gold upper die for ACSR and stranded wire. UT 3-4 R is a $\frac{1}{2}$ " and $\frac{5}{8}$ " 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.

### Ordering Information for UT 3 Installation Tool and Upper Dies

Installation Tool	
CAT. NO.	Description
UT 3	Installs Compression Connectors on ACSR, Stranded, Compressed and Compact Stranded
Upper Dies	
UT 3-4 G	$\frac{1}{2}$ and $\frac{5}{8}$ Gold Upper Die for ACSR and Stranded
UT 3-4 R	$\frac{1}{2}$ and $\frac{5}{8}$ 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.

### Ordering Information for Blackburn® GCA™ Ground Clamp Adapters

CAT. NO.	Description	Height (in.)	Length (in.)
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



Tools

## 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.

### Ordering Information for Blackburn® OD Mechanical Compression Tools

CAT. NO.	Description	Handle Length (in.)	Weight (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 catalog number.

## 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.



Cable Cutters

Ordering Information for 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 $\frac{1}{16}$	21
UT 6 C	Cable Slicer — Large	1000 Al-500 Cu	2	31 $\frac{1}{2}$
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 $\frac{5}{16}$ " and $\frac{3}{8}$ " Hex Screws	Matches the most popular screw sizes.



WA 38

Ordering Information for Allen Wrench	
CAT. NO.	Hex Size (in.)
WA 516	$\frac{5}{16}$
WA 38	$\frac{3}{8}$

**Ordering Information for Type OD Tool Dies**

CAT. NO.	Description or Color 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	$\frac{3}{16}$
BY15*	$\frac{1}{2}$ (EEI-1 index 236)
BY17	$\frac{1}{4}$
BY19	$\frac{5}{16}$ (index 161.242)
BY21	$\frac{3}{8}$
BY23	$\frac{1}{2}$ (index 163)
BY25	$\frac{9}{16}$
BY27	$\frac{11}{16}$
BY29	$\frac{19}{32}$
BY31	$\frac{5}{8}$ (index 165)
BY33	737
BY35	781
BY37	840 (EEI 11A)
BY55	Wire Cutter (2/0 max.)
BY63	Orange (Nicopress)
BY65	Plum
BY15C*	$\frac{7}{32}$ Red
BY17C*	$\frac{1}{4}$ Blue
BY19C*	$\frac{5}{16}$ Gray
BY21C*	$\frac{3}{8}$ Brown
BY23C*	$\frac{1}{2}$ Pink
BY24C*	$\frac{1}{2}$ -1 Gold
BY25C*	$\frac{5}{16}$ Tan/Orange
BY27C*	$\frac{11}{16}$ Yellow
BY31C*	$\frac{5}{8}$ -1 Olive/Purple
BY32C*	Ruby
BY35C*	781 White
BY37C*	840 Red
BY28C*	$\frac{11}{32}$ Black
BY53C*	P Green
ODH1	Insulating Head Cover

\* Can also be used with OD58 tool.

NOTE: For Insert Dies for Type OD Tools.

**Ordering Information for U-Type Dies**

CAT. NO.	Description or Color Code
B58CS	$\frac{5}{8}$ 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 13A
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	Gray
B75CH	Brown
B76CH	Pink
B10CHI	White
B12CHI	Brown

**Ordering Information for Color-Keyed® HEX-FLEX™ Dies**

Dies for 14-Ton Tools: BPLT14BSCR, TBM14MC					
		Connector Size			
CAT. NO.	Code No.	Flex/24	Code Copper	AL/CU	Die Color
15520X	21X	37/24	#8	#10	Red
15522X	24X	61/24	#6	#8	Blue
15527X	29X	91/24	#4	#6	Gray
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	—	—	—	—

**Ordering Information for Standard Dies**

Dies for 14-Ton Tools: BPLT14BSCR, TBM14MC					
		Connector Size			
CAT. NO.	Code No.	Flex/24	Code Copper	AL/CU	Die Color
15520	21	37/24	#8	#10	Red
15522	24	61/24	#6	#8	Blue
15527-CK	29	91/24	#4	#6	Gray
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	94H	—	—	—	Green
15505	99H	1325/24	700	500	Pink
15515-CK	106H	—	750	650	Black
15504	155H	1925/24	900	750	Yellow

**Ordering Information for Aluminum H-Tap Dies**

BPLT14BSCR DIE NO.	Connector	Color Code
15530	63105	Orange
15501A	63110	Green
15501A	63118	Green
15501A	63125	Green
15502	63140	Blue
15502	63148	Blue

**Ordering Information for Copper H-Tap Dies**

BPLT14BSCR DIE NO.	Connector	Color Code
15CA37RCH	CHT814-10	Green
15CA71RCH	CHT214-9	Brown
15CA80RCH	CHT250214-8	Purple
15CA80RCH	CHT25014-7	Purple
15CA80RCH	CHT2502-6	Purple

**Ordering Information for Large C-Tap Dies**

BPLT14BSCR DIE NO.	Connector	Color 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 . . . 196-197

Wildlife Protectors . . . . . 198



# 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.

Sealants, Lubricants &  
Wildlife Protectors

# HOM-OX Oxide Inhibitor

Seals electrical connections from oxygen and moisture.



HM 53

Features	Benefits/Descriptions
Fully Compatible with All Solid Insulating Materials	Materials include rubber, paper and impregnating oils.
Operating Range of -40° F to 300° F	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.

## Ordering Information for HOM-OX Oxide Inhibitor

CAT. NO.	Description
HM 52 (1/2 PINT)	Oxide-Inhibiting Joint Compound for Full Tension Splices Only. ½ Pint (8 fl. oz.)
HM 53 (1/2 PINT)	Oxide-Inhibiting Compound for Non-Tension Splices or Pad-to-Pad Applications. ½ Pint (8 fl. oz.)
HM 56 (1/2 PINT)	Oxide-Inhibiting Joint Compound for Overhead Compression, Partial-Tension Splices, Service Entrance and Pin Terminals. ½ Pint (8 fl. oz.)

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

Sealants, Lubricants & Wildlife Protectors

# 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 0° F to 460° F	Stable over a wide temperature range.
Non Water-Soluble, Non Petroleum-Based Polymer Grease	Does not stain.

## Ordering Information for EC-S8C Oxide Inhibitor

CAT. NO.	Description
EC-S8C	Oxide-Inhibiting Joint Compound. ½ 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.



### Ordering Information for 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.



### Ordering Information for Blackburn® Silicone Lubricant

CAT. NO.	Description
SL5	.5 oz. Tube

Sealants, Lubricants & Wildlife Protectors

## 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.



### Ordering Information for Blackburn® WW Wire Bristle Brush

CAT. NO.	Description
WWB1	Complete Brush with Handle
WRB1	Wire Element Only, Plain

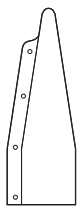
# Wildlife Protectors

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.



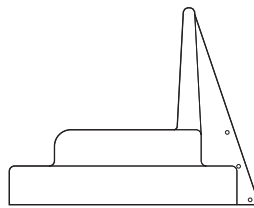
WL 3-12



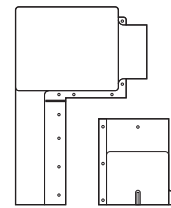
WLP 10 T



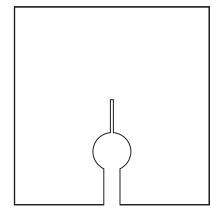
WLP 11 S



WLP-CSP



WL 6137



SQG 6137

Sealants, Lubricants & Wildlife Protectors

## Ordering Information for Wildlife Protectors

CAT. NO.	Height (in.)	Width (in.)	Material
WL 3-12	12	3	Gray PVC
WL 3.5-16	16	3½	
WLP 10 T	12	2⅛	
WLP 10 T 18-1.5	21½	2⅛	
WLP 11 S	11¼	3	
WLP-CSP	8¾	11⅛	
WL 6137	21	16½	
SQG 1212	14¾	14¾	High-Density Black Polyethylene





**QUICK REFERENCE**

**Grounding Products**

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Grounding Products

**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.

# Copper C-Type Compression Taps

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



CC 4040

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

### Ordering Information for 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 catalog number.

# Blackburn® H High-Strength Split-Bolt Connectors

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



500M

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.

## Ordering Information for Blackburn® H High-Strength Split-Bolt Connectors

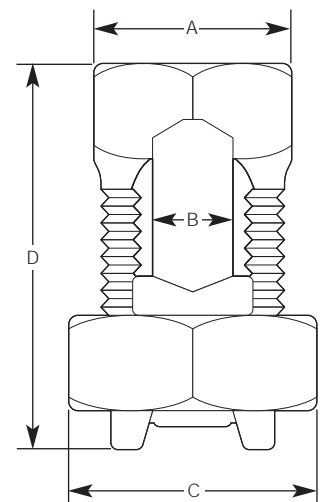
CAT. NO.	Conductor Range (AWG or kcmil)		Dimensions (in.)			
	Range for Equal Main and Tap	Min. Tap with One Max. Main	A	B	C	D
9H	#10 str.-#12 sol.	#14 sol.	3/8	.146	1/2	25/32
8H	#8 str.-#10 sol.	#14 sol.	3/8	.146	1/2	29/32
8H3*	#8 str.-#12 sol.	#16 str.	3/8	.146	1/2	29/32
6H	#6 sol.-#8 sol.	#14 sol.	15/32	.170	21/32	31/32
6H3*	#6 sol.-#10 sol.	#16 str.	15/32	.170	21/32	1 1/8
4H	#4 sol.-#8 sol.	#14 sol.	17/32	.235	23/32	1 1/16
4H3*	#4 sol.-#8 sol.	#16 str.	17/32	.235	23/32	1 9/32
3H	#3 sol.-#8 sol.	#16 str.	17/32	.235	23/32	1 1/16
3H3*	#4 str.-#8 sol.	#16 str.	17/32	.235	23/32	1 9/32
2H	#2 sol.-#6 sol.	#14 sol.	19/32	.271	25/32	1 1/4
2H3*	#2 sol.-#6 sol.	#14 sol.	19/32	.271	25/32	1 15/32
1H	#2 str.-#6 sol.	#14 sol.	11/16	.330	7/8	1 11/32
1H3**	#2 str.-#6 sol.	#14 sol.	11/16	.330	7/8	1 5/8
10H	1/0 str.-#4 sol.	#14 sol.	3/4	.385	1 5/16	1 19/32
20H	2/0 str.-#2 sol.	#14 sol.	7/8	.443	1 1/16	1 13/16
30H	4/0 str.-#2 sol.	#6 sol.	1	.580	1 5/16	2 5/32
40H	250-#1 str.	#8 sol.	1	.580	1 5/16	2 7/32
350M	350-250	1/0 str.	1 1/16	.717	1 21/32	2 11/16
500M	500-400	2/0 str.	1 1/2	.842	1 7/8	3 1/32
750M	750-600	4/0 str.	1 15/16	1.029	2 1/4	3 21/32
1000M	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.



Grounding Products

# 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.

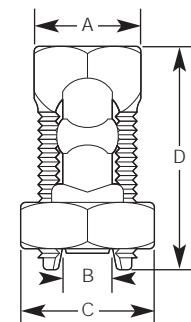


## Ordering Information for Blackburn® HPS Split-Bolt Connectors

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
	9HPS	—	#10 str.-#12 sol.	#12 sol.	3/8	.146	1/2
8HPS	—	#8 str.-#12 sol.	#12 sol.	3/8	.146	1/2	29/32
6HPS	#8	#6 sol.-#12 sol.	#12 sol.	15/32	.170	21/32	1 1/8
4HPS	#6-#8	#4 sol.-#12 sol.	#12 sol.	17/32	.235	23/32	1 1/2
2HPS	#4-#8	#2 sol.-#8 sol.	#8 sol.	19/32	.271	25/32	1 13/32
1HPS	#2-#8	#1 str.-#8 sol.	#8 sol.	11/16	.330	7/8	1 5/8
10HPS	#1-#6	1/0 str.-#6 sol.	#6 sol.	3/4	.385	1 5/16	1 13/16
20HPS	1/0-#6	2/0 str.-#6 str.	#6 sol.	7/8	.443	1 1/16	2 1/16
40HPS	4/0-#4	4/0 str.-#4 sol.	#4 sol.	1	.580	1 1/16	2 15/32
350HPS	266.8-1/0	350-1/0 str.	#2 sol.	1 1/16	.717	1 21/32	2 11/16
500HPS*	397.5-1/0	500-1/0 str.	1/0 str.	1 1/2	.842	1 7/8	3 1/32
750HPS*	666.6-4/0	750-4/0 str.	2/0 str.	1 5/8	1.029	2 1/4	3 21/32
1000HPS*	900-477	1000-500	4/0 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.



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

For use on combinations of conductors.

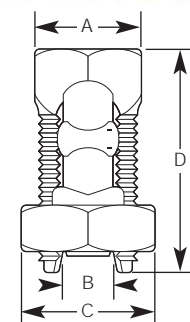
Features	Benefits/Descriptions
Bolt and Pressure Bar Made of Copper Alloy and Tin Plated	Provide high strength and corrosion resistance.
Contoured Spacer and Bell-Mouth Washer	Distribute pressure over much of the conductor.
Standards Compliant  	UL Listed and CSA Certified.



## Ordering Information for 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
	6HPW	#8	#6 sol.-#12 sol.	#12 sol.	15/32	.170	21/32
4HPW	#6-#8	#4 sol.-#12 sol.	#12 sol.	17/32	.235	23/32	1 1/2
2HPW	#4-#8	#2 sol.-#8 sol.	#8 sol.	19/32	.271	25/32	1 13/32
1HPW	#2-#8	#1 str.-#8 sol.	#8 sol.	11/16	.330	7/8	1 5/8
10HPW	#1-#6	1/0 str.-#6 sol.	#6 sol.	3/4	.385	1 5/16	1 13/16
20HPW	1/0-#6	2/0 str.-#6 sol.	#6 sol.	7/8	.443	1 1/16	2 1/16
40HPW	4/0-#4	4/0 str.-#4 sol.	#4 sol.	1	.580	1 1/16	2 15/32

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



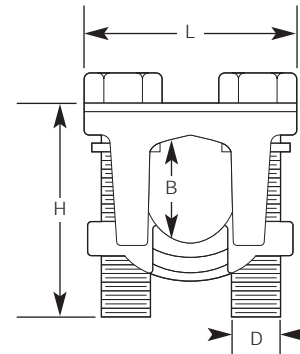
## Blackburn® 2B Two-Bolt Connectors without Spacers

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.


### Ordering Information for 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
	Max.	Min.	Max.	Min.						
2B10	1/0 str.	#2 str.	1/0 str.	#10 sol.	.746	.394	1/2	1 5/16	1 1/2	5/16
2B20BB	2/0 str.	#2 str.	2/0 str.	#8 sol.	.838	.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	.530	5/8	1 23/32	1 7/8	3/8
2B350	350	4/0 str.	350	#4 sol.	1.362	.726	3/4	2 1/8	2 1/4	1/2
2B500	500	350	500	#4 sol.	1.626	.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	1.255	15/16	2 31/32	3 1/4	5/8



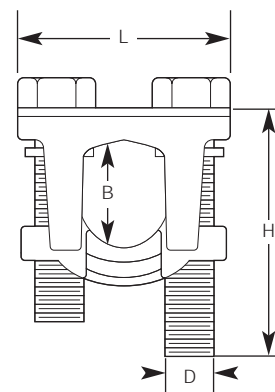
## Blackburn® 2BX One-Piece Two-Bolt Connectors without Spacers

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.


### Ordering Information for Blackburn® 2BX Two-Bolt Connectors

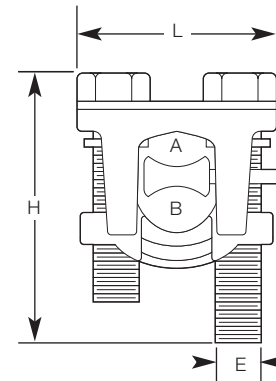
CAT. NO.	Conductor Range (AWG or kcmil)				Conductor Diameter (B)		Bolt Head (in.)	Dimensions (in.)		
	Main		Tap		Max.	Min.		L	H	D
	Max.	Min.	Max.	Min.						
2B10X	1/0 str.	#2 str.	1/0 str.	#10 sol.	.746	.394	1/2	1 5/16	1 1/2	5/16
2B20X	2/0 str.	#2 str.	2/0 str.	#8 sol.	.838	.420	1/2	1 5/16	1 1/2	5/16
2B40X	4/0 str.	1/0 str.	4/0 str.	#6 sol.	1.056	.530	5/8	1 23/32	1 7/8	3/8
2B350X	350	4/0 str.	350	#4 sol.	1.362	.726	3/4	2 1/8	2 1/4	1/2
2B500X	500	350	500	#4 sol.	1.626	.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® 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.




## Ordering Information for Blackburn® 2BW Two-Bolt Connectors

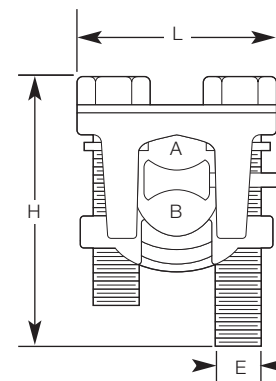
CAT. NO.	Conductor Range (AWG or kcmil)				Conductor Diameter				Bolt Head (in.)	Dimensions (in.)		
	Main		Tap		A		B			L	H	E
	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.				
2B10W	1/0 str.	#2 str.	1/0 str.	#10 sol.	.373	.292	.373	.102	1/2	1 1/16	1 1/8	1 5/16
2B20W	2/0 str.	#2 str.	2/0 str.	#8 sol.	.419	.292	.419	.128	1/2	1 5/16	1 1/8	1 5/16
2B40W	4/0 str.	1/0 str.	4/0 str.	#6 sol.	.528	.368	.528	.162	9/16	1 23/32	2 1/8	3/8
2B350W	350	4/0 str.	350	#4 sol.	.681	.522	.681	.204	3/4	2 1/8	2 1/8	1/2
2B500W	500	350	500	#4 sol.	.813	.679	.813	.204	3/4	2 1/4	2 3/4	1/2
2B800W	800	600	800	#2 sol.	1.031	.891	1.031	.258	3/4	2 1/2	3 1/4	1/2
2B1000W	1000	750	1000	#2 sol.	1.152	.997	1.152	.258	15/16	2 31/32	3 3/4	5/8

Grounding Products

# 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.



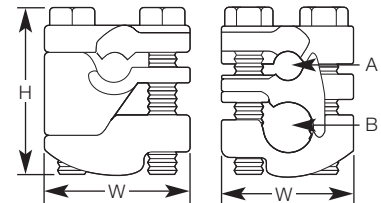
## Ordering Information for Blackburn® 2BPW Two-Bolt Connectors

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.	.373	.292	.373	.102	1/2	1 1/16	1 1/8	1 5/16
2B20PW	2/0-#2	2/0-#6	2/0 str.	#8 sol.	0.447	0.292	.447	.128	1/2	1 5/16	1 1/8	5/8
2B40PW	4/0-1/0	4/0-#6	4/0 str.	#6 sol.	0.563	0.368	.563	.162	9/16	1 23/32	2 1/8	3/8
2B350PW	350-4/0	350-#4	350	#4 sol.	0.680	0.522	.680	.204	3/4	2 1/8	2 1/8	1/2
2B500PW	500	350	500	#4 sol.	0.813	0.679	.813	.204	3/4	2 1/4	2 3/4	1/2
2B800PW	800	600	800	#2 sol.	1.031	0.891	1.031	.258	3/4	2 1/2	3 1/4	1/2
2B1000PW	1000	750	1000	#2 sol.	1.162	0.997	1.162	.258	15/16	2 31/32	3 3/4	5/8

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



## Ordering Information for Blackburn® XT™ Clamps

CAT. NO.	Conductor Range (AWG or kcmil)				Conductor Diameter				Dimensions (in.)			Bolt Size (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.	.528	.328	.292	.162	1½	1⅞	1½	⅝
XT13			4/0 str.	#1 str.	.528	.328	.528	.328	1¼	2	1¼	¾
XT21	500	250	#2 str.	#6 sol.	.813	.574	.292	.162	2⅞	2⅞	1⅞	¾
XT22			4/0 str.	#1 str.	.813	.574	.528	.328	2⅞	2⅞	2⅞	¾
XT23*			500	250	.813	.574	.813	.574	.292	2½	2⅞	2⅞
XT33*	1000	500	500	250	1.152	.811	.813	.574	2¼	3	2⅞	¾
XT34*			1000	500	1.152	.811	1.152	.811	2⅞	3⅞	2⅞	7/16

\* 4-bolt clamps

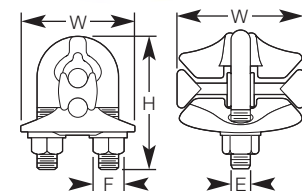
NOTE: For tin-plating option, add "-P" suffix to the catalog number.

# 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.



## Ordering Information for Blackburn® DLC™ Single U-Bolt Aluminum Fittings

CAT. NO.	Conductor Range (AWG or kcmil)				Conductor Diameter				Dimensions (in.)				
	ACSR		AWG or kcmil		A		B		W	L	H	F	E
	Main	Tap	Main	Tap	Max.	Min.	Max.	Min.					
DLC2106*	2/0-#6	2/0-#6	2/0 str.-#6 sol.	2/0 str.-#6 sol.	.447	.162	.447	.162	1⅞	1½	3¼	⅞	¾
DLC23*	4/0-#1, #2-#6 AR	4/0-1/0	266.8-1/0 str.	266.8-1/0 str.	.563	.368	.609	.368	2⅞	2⅞	4	¾	½
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.	.684	.368	.743	.368	2⅞	3⅞	4	¾	½


\* RUS Accepted. AR—with Armor Rod.

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

## Ordering Information for 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 catalog 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.
Catalog Numbers Ending with 9 Are Pre-Filled with Oxide Inhibitor	Prevents oxidation and keeps out moisture.

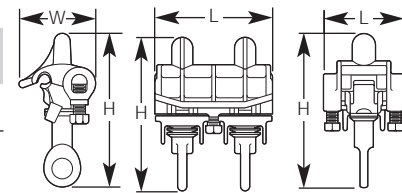


Fig. 1

Fig. 2

Fig. 3

## Ordering Information for Blackburn® PGH™ Center-Bolt Parallel-Groove Hot-Tap Clamps

Aluminum 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.						
—	PGH29	2/0-#8	2/0 str.-#8 sol.	1/0-#8	1/0 str.-#8 sol.	.447	.128	.398	.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.	.781	.198	.528	.162	1		1	3 3/8	6 3/8	2 1/8
—	PGH69	397.5 1/2-#2 AR	1000-4/0 str.	266-#6	300-#6 sol.	1.152	.522	.657	.162	2		2	4	6 3/4	4 1/4
—	PGH6129*	874-4/0, 397.5 1/2-#2 AR	1000-4/0 str.	266-#6	300-#6 sol.	1.152	.522	.657	.162	1	3	3 3/8	6 3/8	3 1/8	

Copper Clamps

PGH3	PGH39	—	2/0 str.-#8 sol.	—	2/0 str.-#8 sol.	.419	.419	.128	.128	1	7/16	1	2 3/8	5 1/4	1 1/4
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\* PGH6129 has two hex-head bolt and pressure pad tap conductor retainers.

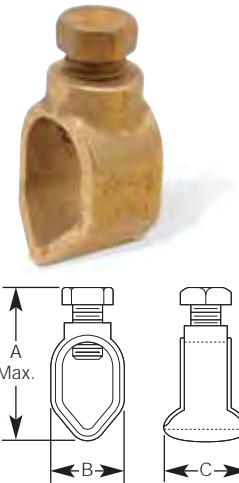
AR—with Armor Rod.

NOTE: Copper clamps are for use on copper conductors only.



# 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.

## Ordering Information Blackburn® JAB™ Ground Rod Clamps

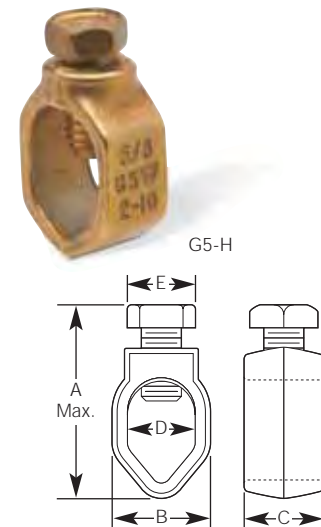
Socket Set Screw CAT. NO.	Hex Head Bolt CAT. NO.	Nominal Rod Dia.		Wire Range		Max. (mm²)	Min. (mm²)	Dimensions (in.)					
		(in.)	(mm)	Max.	Min.			A (Max.) Socket Screw	A (Min.) Hex Bolt	Screw Thread Size UNC-2A	B	C	D
JAB12-H*	JAB12H-H	½	12.7	#2 str.	#10 sol.	33.6	5.2	1 <sup>1</sup> / <sub>2</sub>	2 <sup>3</sup> / <sub>2</sub>	7/16-14	2 <sup>7</sup> / <sub>32</sub>	7/8	1 <sup>9</sup> / <sub>32</sub>
JAB58-H	JAB58H-H	5/8	15.8	1/0 str.	#8 sol.	53.4	8.3	1 <sup>2</sup> / <sub>2</sub>	2 <sup>13</sup> / <sub>64</sub>	7/16-14	2 <sup>9</sup> / <sub>32</sub>	1	1 <sup>1</sup> / <sub>16</sub>
JAB34-H	JAB34H-H	¾	19.0	1/0 str.	#8 sol.	53.4	8.3	2	2 <sup>1</sup> / <sub>2</sub>	7/16-14	1 <sup>1</sup> / <sub>16</sub>	1	5 <sup>1</sup> / <sub>16</sub>
—	JAB34C-H	¾ ± 5/8	15.8 to 19.0	1/0 str.	#8 sol.	95.0	8.3	—	2 <sup>1</sup> / <sub>2</sub>	7/16-14	1 <sup>1</sup> / <sub>8</sub>	1 <sup>1</sup> / <sub>2</sub>	1 <sup>3</sup> / <sub>16</sub>
JAB1-H	JAB1H-H	1	25.0	4/0 str.	#8 sol.	107.1	8.3	2 <sup>1</sup> / <sub>4</sub>	3	7/16-14	1 <sup>1</sup> / <sub>2</sub>	1 <sup>1</sup> / <sub>16</sub>	1

\* Not CSA Certified.

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

## Ordering Information Blackburn® G™ Budget Line Ground Clamps

CAT. NO.	Nominal Rod Dia.		Wire Range				Dimensions (in.)					
	(in.)	(mm)	AWG Max.	AWG Min.	mm² Max.	mm² Min.	A Max. Bolt	Screw Thread Size UNC-2A	B	C	D	E
G3-H*	¾	9.5	#4 str.	#10 sol.	21.1	5.2	1 <sup>3</sup> / <sub>8</sub>	5/16-18	1 <sup>1</sup> / <sub>16</sub>	½	2 <sup>7</sup> / <sub>64</sub>	¾
G4-H	½	12.7	#2 str.		33.6		—	¾-16	2 <sup>7</sup> / <sub>32</sub>	¾	3 <sup>1</sup> / <sub>64</sub>	½
G5-H†	5/8	15.8	#2 str.	#10 sol.	33.6	5.2	—	¾-16	2 <sup>9</sup> / <sub>32</sub>	¾	4 <sup>9</sup> / <sub>64</sub>	½
G6-H	¾	19.0	#2 str.		33.6		—	¾-16	1 <sup>1</sup> / <sub>16</sub>	¾	1 <sup>3</sup> / <sub>16</sub>	½

\* 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 catalog number.


Grounding Products

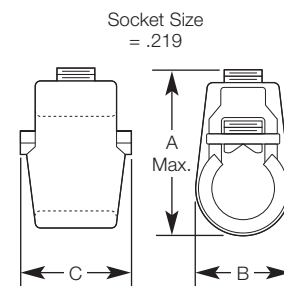
# Blackburn® GG™ and GGH Heavy-Duty Ground Rod Clamps

The protection you need against lightning strikes.



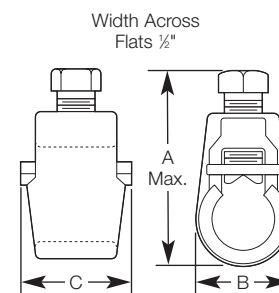
GG58H-H

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.



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



Socket Set Screw CAT. NO.	Hex Head Bolt CAT. NO.	Nominal Rod Dia.		Wire Range				Dimensions (in.)				
								A (Max.) Socket Screw	A (Min.) Hex Bolt	Screw Thread Size UNC-2A	B	C
GG12-H	GG12H-H	½	12.7	#2 str.		33.6		1 13/64	1 1/16	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	¾	19.0	4/0 str.		120.6		—	3	½-14	1 ¾	1 ¼



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

# 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.



### Ordering Information for Sectional Ground Rod Couplings

CAT. NO.	Size (in.) (Nominal Diameter)	Thread Size
50C-H	½	½"-13 UNS
50LC-H	½ L	¾"-12 UNS
60C-H	¾	¾"-11 UNS
70C-H	¾	¾"-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.


### Ordering Information for Blackburn® DS Driving Studs

CAT. NO.	Size (in.) (Nominal Diameter)	Thread Size
50DS-H	½	½"-13 UNS
50LDS-H	½ L	¾"-12 UNS
60DS-H	¾	¾"-11 UNS
70DS-H	¾	¾"-10 UNS
80DS-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.

### Ordering Information for Threadless Couplings and Driving Cap

CAT. NO.	Description	Dimensions (in.)	
		Length	Diameter
50LCNT-H	½" L Threadless Coupling	3.0	.78
60CNT2-H	¾" Threadless Coupling	2.5	.69
70CNT-H	¾" Threadless Coupling	3.0	.97
60DSNT-H	¾" Threadless Driving Cap	4.0	.88



60CNT2-H

Grounding Products

# Blackburn® PC™ Two-Bolt Parallel Groove Clamp

Clamp down and tighten up.



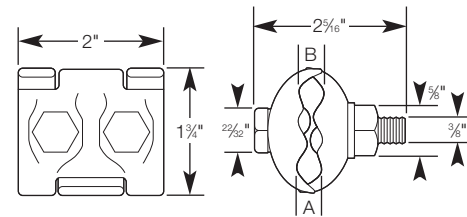
PC250

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.

## Ordering Information for 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.	.575	.204	.575	.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

## Ordering Information for 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		1/0-#4
GG 288 E 2	7 1/2	38 1/2	288	.062	#2 str.-#6 sol.
GG 288 E 3 V1	7 1/2	38 1/2	288		#2 sol.-#6 sol.

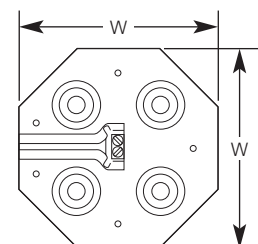
# Pole Butt Grounding Plate

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




## Ordering Information for Pole Butt Grounding Plate

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

## Blackburn® Galvanized Ground Plates

As efficient as two ground rods.

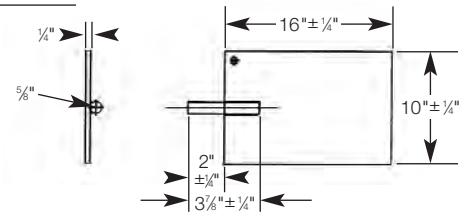
Features	Benefits/Descriptions
Only ¼" Thick, Hot-Dipped and Galvanized	Thin, but built strong and corrosion-resistant.
Model 1016BTB Includes Connector for Hex-Head Bolt Ground Rod Clamp	Links to Ground Rod Clamp JAB58H (page 207) to provide a more secure ground connection.
Standards Compliant 	CSA Certified.



### Ordering Information for Galvanized Ground Plates

CAT. NO.	Description	Conductor Range
1016TB	Galvanized Ground Plates	#8 sol. to 1/0 str.
1016BTB	Galvanized Ground Plates with JAB58H	#8 sol. to 1/0 str.

NOTE: Must be buried at least 24" (600mm) below finish grade level according to CEC Rule 10-702.



## 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.

### Ordering Information for GP™ Copper Pole Bottom Ground Plates

CAT. NO.	Pigtail Wire Range		Min. (mm²)	Max. (mm²)	Diameter of Plate	
	Min.	Max.			(in.)	(mm)
GP100	#8	#2 sol.	6.3	25.6	7½	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		—	—	7½	191
GP1008	#6 sol. copper pigtail with 96" conductor		—	—	7½	191
GP1108	#6 sol. copper pigtail with 96" conductor		—	—	10	254



GP Copper Plate

## 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.

### Ordering Information for 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 7½	56
PBH	#4 str.	#14 sol.	7 x 7½	56



PB Copper Plate

## Blackburn® Bronze Jumper Clamp

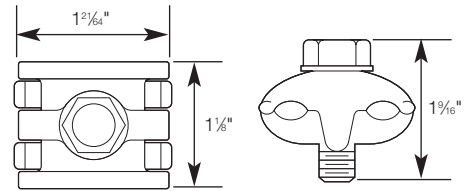
Make connections between aluminum or galvanized steel and copper or copper-bonded steel wires.



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.

### Ordering Information for 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, 7/8 Copperweld, 2A Copperweld	#8 solid copper, 9½ D, Copperweld etc.



## Blackburn® TTC™ Transformer Tank Ground Connectors

Fit on all standard EEI-NEMA distribution transformers.

Grounding Products

Features	Benefits/Descriptions
Versatile Single-Stud Thread Size	The ½"-13" stud installs on grounding conductors from #8 through 2/0 stranded.
Eyebolt on TTC2 Rotates	Accommodates cable in either vertical or horizontal direction.

### Ordering Information for 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	½"-13"	1 5/16"	1 1/4"	1 21/32"
TTC3	#1 str.	#10 sol.	42.4	5.2	½"-13"	1"	1 3/8"	1 1/8"
TTC4	#1 str.	#10 sol.	42.4	5.2	½"-13"	1 1/4"	¾"	1"
TTC2P	2/0 str.	#8 sol.	67.4	8.3	½"-13"	1 5/16"	1 1/4"	12 21/32"
TTC3P	#1 str.	#10 sol.	42.4	5.2	½"-13"	1"	1 3/8"	1 1/8"
TTC4P	#1 str.	#10 sol.	42.4	5.2	½"-13"	1 1/4"	¾"	1"



TTC

# Bronze Ground Connectors for Copper — Type 2709™ T Series

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

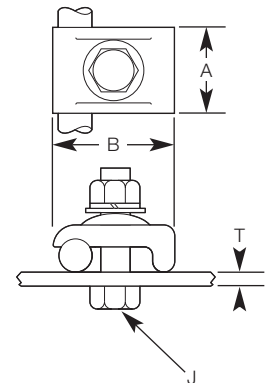


Features	Benefits/Descriptions
Provide an Electrical Path to Ground	Protects your valuable equipment.
Made of High-Strength Bronze	Durable and corrosion-resistant.

## Ordering Information for 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 1/4
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 1/2
2709 T-1-75	550-750	1/2	1 1/2	2 1/2
2709 T-1-100	800-1000	5/8	1 1/4	2 1/2

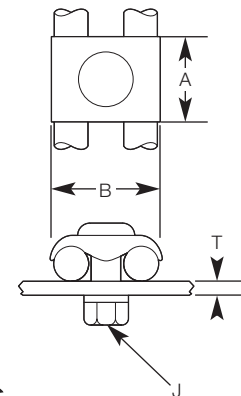
NOTE: Bolt supplied for "T" is for top only and is 1/4". Specify other "T" if required.



## Ordering Information for 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 1/2

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



# Blackburn® Metallic Gradient Control Mats

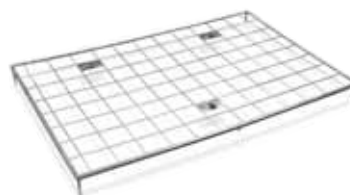
Reduce the risk of electrocution from high-voltage equipment.

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.

## Ordering Information for 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.



Grounding Products

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

One- or two-bolt protection for your components.

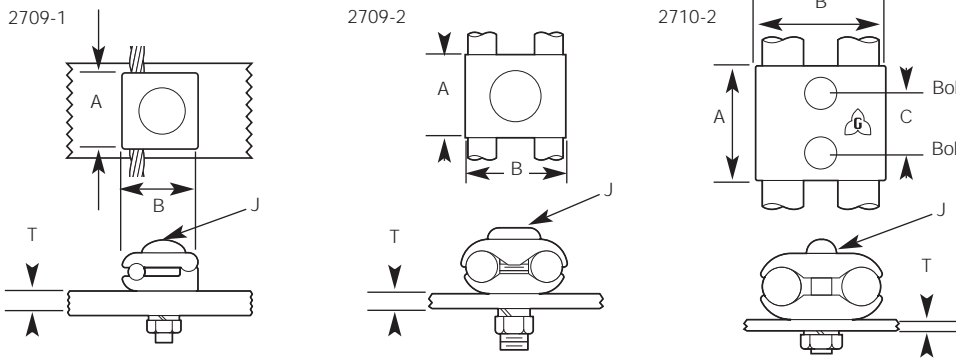
Features	Benefits/Descriptions
Provide an Electrical Path to Ground	Protects your valuable equipment.
Made of High-Strength Bronze	Durable and corrosion-resistant.



2709-1-25



2709-2-50



### Ordering Information for 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 1/4
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 1/2
2709-1-75	550-750	1/2	1 1/2	2 1/4
2709-1-100	800-1000	5/8	1 3/4	1 1/4

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

### Ordering Information for 2709-2 Series — (2) Ground Connectors 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

### Ordering Information for 2710-2 Series — (2) Ground Connectors 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 1/4

NOTE: Two bolts per connector are supplied, and "T" equals 1/4". Specify other "T" if required.

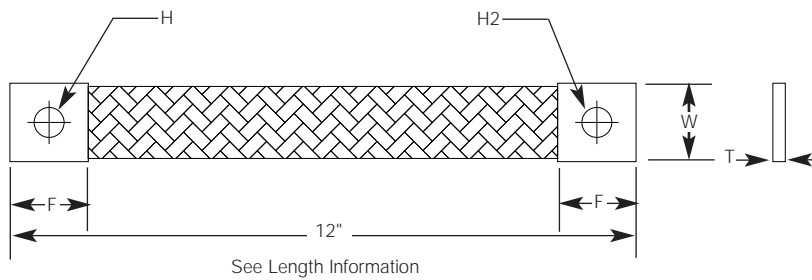


# 1-Hole NEMA Extra-Flexible Jumpers — FBE1H™ Series

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.



## Ordering Information for FBE1H™ Series

CAT. NO.	Ampacity $\Delta$ 65° C*	No. of Braids in Assembly	W in. (mm)	F in. (mm)	H in. (mm)	H2 in. (mm)	T in. (mm)	Weight lb. (kg)
FBE1H035A1	350	1	1½ (38.1)	1½ (38.1)	⅝ (14.3)	⅝ (14.3)	⅜ (4.7)	0.49 (0.22)
FBE1H035A2					⅝ (14.3)	⅝ (11.1)		
FBE1H035A3					⅝ (11.1)	⅝ (11.1)		
FBE1H050A1	500	2	1½ (38.1)	1½ (38.1)	⅝ (14.3)	⅝ (14.3)	¼ (6.4)	0.84 (0.38)
FBE1H050A2					⅝ (14.3)	⅝ (11.1)		
FBE1H050A3					⅝ (11.1)	⅝ (11.1)		
FBE1H070A1	700	4	1½ (38.1)	1½ (38.1)	⅝ (14.3)	⅝ (14.3)	⅜ (9.5)	1.54 (0.70)
FBE1H070A2					⅝ (14.3)	⅝ (11.1)		
FBE1H070A3					⅝ (11.1)	⅝ (11.1)		
FBE1H100A1	1000	6	1⅞ (39.6)	1⅞ (39.6)	⅝ (14.3)	⅝ (14.3)	½ (12.7)	2.31 (1.05)
FBE1H100A2					⅝ (14.3)	⅝ (11.1)		
FBE1H100A3					⅝ (11.1)	⅝ (11.1)		

\* Temperature rise test per CEI60694, IEEE/ANSI C37.34-1994.

NOTE: Standard total lengths are 12". For different lengths, add your desired length to the end of the part number (e.g., FBE1H035A1-16 for 16" long). Ferrules are tinned. For other options, please consult your Thomas & Betts representative.

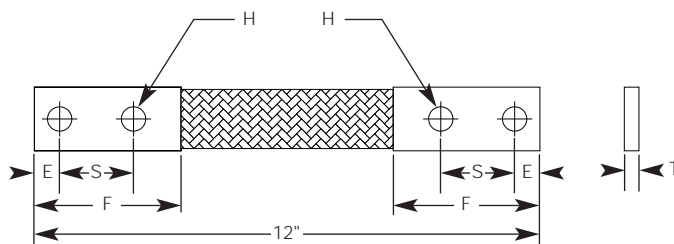
Grounding Products

# 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.



## Ordering Information for FBE2H™ Series

CAT. NO.	Ampacity Δ 65° C*	No. of Braids in Assembly	W in. (mm)	F in. (mm)	E in. (mm)	S in. (mm)	H in. (mm)	T in. (mm)	Weight lb. (kg)
FBE2H040A1	400	1	1½ (38.1)	1½ (38.1)	¾ (15.9)	1¾ (44.4)	¾ (14.3)	⅜ (4.7)	0.63 (0.286)
FBE2H070A1	700	2	1½ (38.1)					⅜ (6.4)	0.97 (0.440)
FBE2H090A1	900	3	1½ (38.1)					1½ (8.7)	1.30 (0.590)
FBE2H110A1	1100	4	1½ (38.1)	1½ (38.1)	¾ (15.9)	1¾ (44.4)	¾ (14.3)	¾ (9.5)	1.66 (0.753)
FBE2H150A1	1500	6	1½ (38.1)					½ (12.7)	2.26 (1.025)
FBE2H170A1	1700	9	1¾ (39.6)					¾ (19)	3.71 (1.683)
FBE2H200A1	2000	13	1¾ (39.6)					1 (25.4)	5.21 (2.363)

\* Temperature rise test per CEI60694, IEEE/ANSI C37.34-1994.

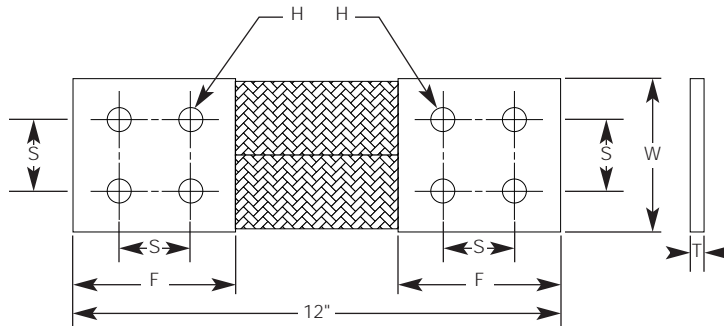
NOTE: Standard total lengths are 12". For different lengths, add your desired length to the end of the part number (e.g., FBE2H040A1-16 for 16" long). Ferrules are tinned. For other options, please consult your Thomas & Betts representative.

# 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.



## Ordering Information for FBE4H™ Series

CAT. NO.	Ampacity Δ 65° C*	No. of Braids in Assembly	W in. (mm)	F in. (mm)	S in. (mm)	H in. (mm)	T in. (mm)	Weight lb. (kg)
FBE4H140A1	1400	4	3 (76.2)	3 (76.2)	1 3/4 (44)	5/8 (14.3)	1/4 (6.4)	1.91 (0.866)
FBE4H150A1	1500	6	3 (76.2)	3 (76.2)			1/2 (12.7)	2.57 (1.166)
FBE4H235A1	2350	8	3 3/8 (95.3)	4 (101.6)			3/8 (9.5)	4.00 (1.814)
FBE4H245A1	2450	12	3 3/8 (95.3)	4 (101.6)			1/2 (12.7)	5.32 (2.413)
FBE4H250A1	2500	16	3 3/8 (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)

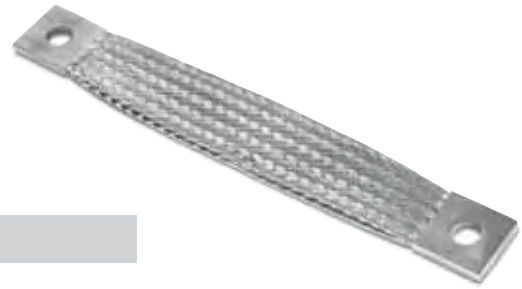
\* Temperature rise test per CEI60694, IEEE/ANSI C37.34-1994.

NOTE: Standard total lengths are 12". For different lengths, add your desired length to the end of the part number (e.g., FBE4H140A1-16 for 16" long). Ferrules are tinned. For other options, please consult your Thomas & Betts representative.

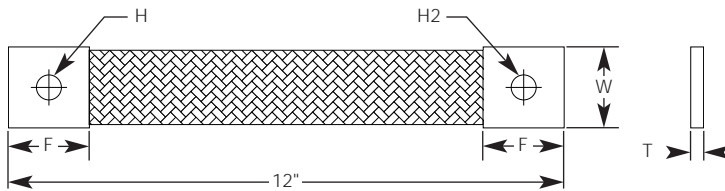
Grounding Products

# 1-Hole NEMA Flexible Jumpers — FBS1H™ Series

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



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



## Ordering Information for FBS1H™ Series

CAT. NO.	Ampacity Δ 65° C*	W in. (mm)	F in. (mm)	H in. (mm)	H2 in. (mm)	T in. (mm)	Weight lb. (kg)
FBS1H035A1	350	1¼ (31.8)	1½ (38.1)	⅝ (14.3)	⅝ (14.3)	¼ (6.4)	0.48 (0.218)
FBS1H035A2		1¼ (31.8)	1½ (38.1)	⅝ (14.3)	⅞ (11.1)		
FBS1H035A3		1¼ (31.8)	1½ (38.1)	⅞ (11.1)	⅞ (11.1)		
FBS1H055A1	500	1⅝ (34.9)	1½ (38.1)	⅝ (14.3)	⅝ (14.3)	⅜ (5.6)	0.63 (0.286)
FBS1H055A2		1⅝ (34.9)	1½ (38.1)	⅝ (14.3)	⅞ (11.1)		
FBS1H055A3		1⅝ (34.9)	1½ (38.1)	⅞ (11.1)	⅞ (11.1)		
FBS1H070A1	700	1½ (38.1)	1½ (38.1)	⅝ (14.3)	⅝ (14.3)	¼ (6.4)	0.95 (0.431)
FBS1H070A2		1½ (38.1)	1½ (38.1)	⅝ (14.3)	⅞ (11.1)		
FBS1H070A3		1½ (38.1)	1½ (38.1)	⅞ (11.1)	⅞ (11.1)		
FBS1H070A4		2 (50.8)	2 (50.8)	⅝ (14.3)	⅝ (14.3)		
FBS1H100A1	1000	1¾ (44.4)	2 (50.8)	⅝ (14.3)	⅝ (14.3)	½ (12.7)	1.23 (0.558)
FBS1H100A2		1¾ (44.4)	2 (50.8)	⅝ (14.3)	⅞ (11.1)		
FBS1H100A3		1¾ (44.4)	2 (50.8)	⅞ (11.1)	⅞ (11.1)		

\* Temperature rise test per CEI60694, IEEE/ANSI C37.34-1994.

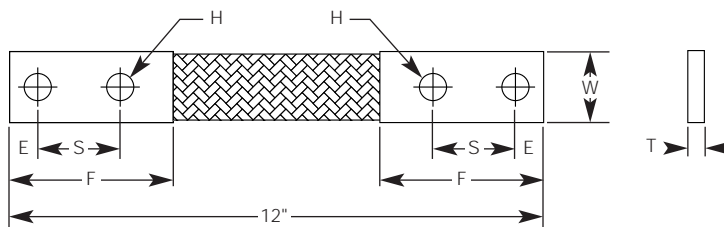
NOTE: Standard total lengths are 12". For different lengths, add your desired length to the end of the part number (e.g., FBS1H035A1-16 for 16" long). Ferrules are tinned. For other options, please consult your Thomas & Betts representative.

## 2-Hole NEMA Flexible Jumpers — FBS2H™ Series

These 2-hole jumpers make connections wherever there is severe vibration.



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



### Ordering Information for FBS2H™ Series

CAT. NO.	Ampacity $\Delta$ 65° C*	No. of Braids in Assembly	W in. (mm)	F in. (mm)	E in. (mm)	S in. (mm)	H in. (mm)	T in. (mm)	Weight lb. (kg)
FBS2H040A1	400	1	1½ (38.1)					⅜ (4.7)	0.63 (0.286)
FBS2H070A1	700	2	1½ (38.1)					¼ (6.4)	0.98 (0.445)
FBS2H090A1	900	3	1½ (38.1)					1½ <sub>22</sub> (8.7)	1.31 (0.594)
FBS2H110A1	1100	4	1½ (38.1)	3½ (88.9)	⅝ (15.9)	1¼ (44.4)	⅝ (14.3)	⅝ (9.5)	1.67 (0.757)
FBS2H150A1	1500	6	1½ (38.1)					½ (12.7)	2.29 (1.039)
FBS2H170A1	1700	9	1⅝ (39.6)					¾ (19)	3.76 (1.706)
FBS2H200A1	2000	13	1⅝ (39.6)					1 (25.4)	5.26 (2.386)

\* Temperature rise test per CEI60694, IEEE/ANSI C37.34-1994.

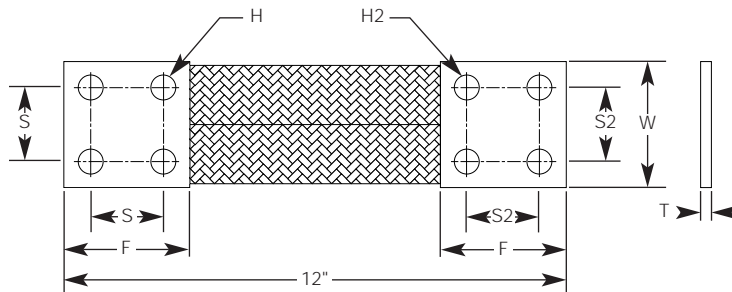
NOTE: Standard total lengths are 12". For different lengths, add your desired length to the end of the part number (e.g., FBS2H040A1-16 for 16" long). Ferrules are tinned. For other options, please consult your Thomas & Betts representative.

# 4-Hole NEMA Flexible Jumpers — FBS4H™ Series

Make the most secure connections wherever there is severe vibration or misalignment.



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



## Ordering Information for FBS4H™ Series

CAT. NO.	Ampacity Δ 65° C*	W in. (mm)	F in. (mm)	S in. (mm)	H in. (mm)	S2 in. (mm)	H2 in. (mm)	T in. (mm)	Weight lb. (kg)				
FBS4H130A1	1300	3 (76.2)	3 (76.2)	1 ¼ (44.4)	⅝ (14.3)	1 ¼ (44.4)	⅝ (14.3)	¼ (6.4)	1.93 (0.875)				
FBS4H130A2				1 ¼ (44.4)	⅝ (14.3)	1 ½ (38.1)	⅝ (11.1)						
FBS4H130A3				1 ½ (38.1)	⅝ (11.1)	1 ½ (38.1)	⅝ (11.1)						
FBS4H150A1	1500			3 (76.2)	3 (76.2)	1 ¼ (44.4)	⅝ (14.3)	1 ¼ (44.4)	⅝ (14.3)	⅝ (7.9)	2.62 (1.188)		
FBS4H150A2						1 ¼ (44.4)	⅝ (14.3)	1 ½ (38.1)	⅝ (11.1)				
FBS4H150A3						1 ½ (38.1)	⅝ (11.1)	1 ½ (38.1)	⅝ (11.1)				
FBS4H215A1	2150					3 (76.2)	3 (76.2)	1 ¼ (44.4)	⅝ (14.3)	1 ¼ (44.4)	⅝ (14.3)	¾ (9.5)	3.31 (1.501)
FBS4H215A2								1 ¼ (44.4)	⅝ (14.3)	1 ½ (38.1)	⅝ (11.1)		
FBS4H215A3								1 ½ (38.1)	⅝ (11.1)	1 ½ (38.1)	⅝ (11.1)		
FBS4H235A1	2350	3 (76.2)	3 (76.2)					1 ¼ (44.4)	⅝ (14.3)	1 ¼ (44.4)	⅝ (14.3)	½ (12.7)	4.69 (2.127)
FBS4H235A2								1 ¼ (44.4)	⅝ (14.3)	1 ½ (38.1)	⅝ (11.1)		
FBS4H235A3								1 ½ (38.1)	⅝ (11.1)	1 ½ (38.1)	⅝ (11.1)		

\* Temperature rise test per CEI60694, IEEE/ANSI C37.34-1994.

NOTE: Standard total lengths are 12". For different lengths, add your desired length to the end of the part number (e.g., FBS4H130A1-16 for 16" long). Ferrules are tinned. For other options, please consult your Thomas & Betts representative.

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