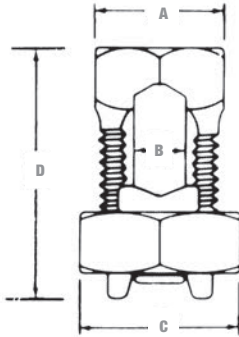




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Split-Bolt Connectors

Type H — High Strength Split-Bolt Connectors

For copper to copper connections

- Bolt and nut of high strength corrosion-resistant bronze alloy
- Pressure bar is copper through 40H; copper alloy is used for 350 kcmil and above
- Bolt and nut of hex design up to 350 kcmil
- CSA Certified and UL Listed



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	0.146	1/2	25/32
8H	8 str.–10 sol.					29/32
8H3*	8 str.–12 sol.	16 str.	15/32	0.170	21/32	31/32
6H	6 sol.–8 sol.	14 sol.				1-1/8
6H3*	6 sol.–10 sol.	16 str.	17/32	0.235	23/32	1-1/16
4H	4 sol.–8 sol.	14 sol.				1-9/32
4H3*	4 sol.–10 sol.	16 str.	19/32	0.271	25/32	1-1/16
3H	3 sol.–8 sol.					1-15/32
3H3*	4 str.–8 sol.	14 sol.	11/16	0.330	7/8	1-11/32
2H	2 sol.–6 sol.					1-5/8
2H3*	2 sol.–8 sol.	16 str.	3/4	0.385	15/16	1-19/32
1H	1 str.–4 sol.					1-13/16
1H3**	1 str.–6 sol.	7/8	1	0.443	1-1/16	2-5/32
10H	10 str.–12 sol.					2-5/32
20H	20 str.–2 sol.	6 sol.	1	0.580	1-5/16	2-5/32
30H	4/0 str.–2 sol.	8 sol.	1			2-5/32
40H	250 kcmil–1 str.	1/0 str.	1-5/16	0.717	1-21/32	2-11/16
350M	350 kcmil–250 kcmil	2/0 str.	1-1/2	0.842	1-7/8	3-1/32
500M	500 kcmil–400 kcmil	4/0 str.	1-15/16	1.029	2-1/4	3-21/32
750M	750 kcmil–600 kcmil		2-1/4	1.185	2-17/32	4-1/32
1000M	1000 kcmil–800 kcmil					

* Will accommodate 3 wires of maximum size.

** Will accommodate 3 #2 str. wires.

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

Split-Bolt Connectors

Type HPS — Plated Split-Bolt Connectors with Spacer

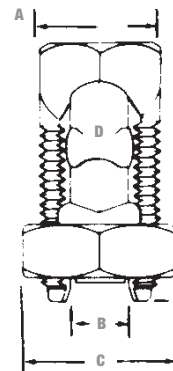
For use on copper, aluminum and ACSR conductors

- Most connectors are CSA Certified and UL Listed for copper conductors only
- Bolt and pressure bar of copper alloy completely tin-plated
- Contoured spacer of electrolytic copper up through 4/0; bronze alloy 350 kcmil and above, all tin-plated
- Blackburn® Contax recommended when used on aluminum conductors



Cat. No.	Conductor Range (AWG or kcmil)			Dimensions (in.)			
	Range for equal Main and Tap	Range for equal Main and Tap	Min. Tap with One Max. Main	A	B	C	D
	ACSR	Copper or Aluminum					
9HPS	—	10 str.—12 sol.	12 sol.	3/8	0.146	1/2	29/32
8HPS	—	8 str.—12 sol.		15/32	0.170	21/32	1-1/8
6HPS	8	6 str.—12 sol.		17/32	0.235	23/32	1-9/32
4HPS	6-8	4 sol.—12 sol.	8 sol.	19/32	0.274	25/32	1-15/32
2HPS	4-8	2 sol.—8 sol.		11/16	0.330	7/8	1-5/8
1HPS	2-8	1 str.—8 sol.		3/4	0.385	15/16	1-13/16
10HPS	1-6	1/0 str.—6 sol.	6 sol.	7/8	0.443	1-1/16	2-1/16
20HPS	1/0-6	2/0 str.—6 sol.		1	0.580	1-5/16	2-15/32
40HPS	4/0-4	4/0 str.—4 sol.	4 sol.	1-5/16	0.717	1-21/32	2-11/16
350HPS	266.8-1/0	350 kcmil-1/0 str.	2 sol.	1-1/2	0.842	1-7/8	3-1/32
500HPS*	397.5-1/0	500 kcmil-1/0 str.	1/0 str.	1-15/16	1.029	2-1/4	3-21/32
750HPS*	666.6-4/0	750 kcmil-4/0 str.	2/0 str.	2-1/4	1.185	2-17/32	4-1/32
1000HPS*	900-477	1000 kcmil-500 kcmil	4/0 str.				

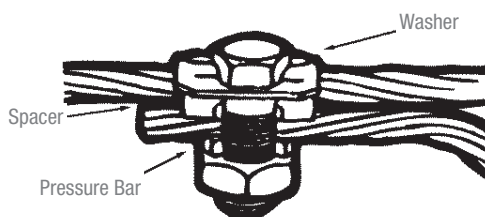
* CSA not applicable.



Type HPW — Plated Split-Bolt Connectors with spacer and washer

For use on combinations of copper, aluminum and ACSR conductors

- Bolt and pressure bar of high strength copper alloy completely tin-plated; spacer and washer of electrolytic copper up through 4/0; bronze alloy 350 kcmil and above, all tin-plated
- Contoured spacer and bell mouth washer distribute pressure over large area of conductor
- Large contoured spacer provides wide separation between copper and aluminum conductors
- Blackburn® Contax recommended when used with aluminum conductors



Cat. No.	Conductor Range (AWG or kcmil)			Dimensions (in.)			
	Range for equal Main and Tap	Range for equal Main and Tap	Min. Tap with One Max. Main	A	B	C	D
	ACSR	Copper or Aluminum					
6HPW	8	6 sol.—12 sol.	12 sol.	15/32	0.170	21/32	1-1/8
4HPW	6-8	4 sol.—12 sol.		17/32	0.235	23/32	1-9/32
2HPW	4-8	2 sol.—8 sol.		19/32	0.271	25/32	1-15/32
1HPW	2-8	1 str.—8 sol.	8 sol.	11/16	0.330	7/8	1-5/8
10HPW	1-6	1/0 str.—6 sol.		3/4	0.385	15/16	1-13/16
20HPW	1/0-6	2/0 str.—6 sol.		7/8	0.443	1-1/16	2-1/16
40HPW*	4/0-4	4/0 str.—4 sol.	4 sol.	1	0.580	1-5/16	2-15/32

* CSA not applicable.

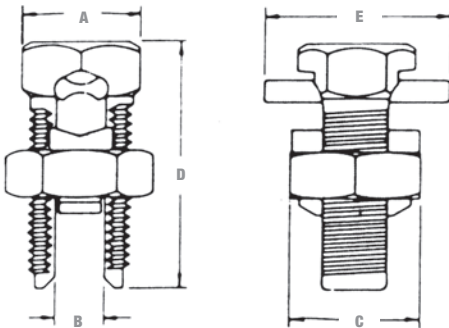


Split-Bolt Connectors

Type APS — Aluminum Dual-Rated Split-Bolts

Accommodate all aluminum and copper conductor combinations

- 6 bolts cover the range from #10 to 4/0 AWG
- Can be installed with standard wrenches
- Corrosion resistant tin-plated aluminum
- CSA Certified and UL Listed to 90°C 600V



Cat. No.	Conductor Range (AWG or kcmil) Range for equal Main and Tap	Dimensions (in.)				
		A	B	C	D	E
APS06	6–10 str.	17/32	0.21	23/32	1.27	1-1/4
APS04	4–10 str.	19/32	0.27	25/32	1.48	
APS02	2–8 str.	11/16	0.33	7/8	1.63	
APS11	1/0–4 str.	7/8	0.44	1-1/8	2.07	1-1/2
APS21	2/0–4 str.					
APS41	4/0–2 str.	1	0.57	1-1/4	2.47	1-23/32
APS350*	350 kcmil–4 str.	1-7/16	0.70	1-11/16	3.36	2-1/4
APS500*	500 kcmil–2 str.	1-11/16	0.84	2	3.62	2-5/8

* Square head design CSA not applicable.

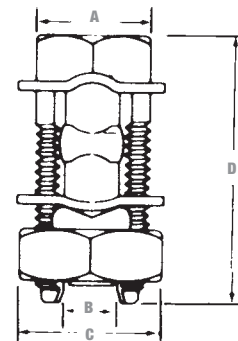
Type AAW — Aluminum Split-Bolt Connectors with Spacer and Washers

For all aluminum applications

- Bolt, nut, pressure bar and contoured spacer of aluminum alloy
- Large contoured spacer gives wide separation
- Nut anodized to prevent thread galling
- Blackburn® Contax recommended when used on aluminum conductors



Cat. No.	Conductor Range (AWG or kcmil)			Dimensions (in.)			
	Range for equal Main and Tap	Range for equal Main and Tap	Min. Tap with One Max. Main	A	B	C	D
	ACSR	Aluminum					
6AAW	6–8	4 sol.–8 sol.	10 sol.	17/32	0.236	23/32	1-9/32
4AAW	4–8	2 sol.–8 sol.	8 sol.	19/32	0.272	25/32	1-15/32
2AAW	2–8	1 str.–8 sol.		11/16	0.330	7/8	1-5/8
1AAW	1–4	1/0 str.–8 sol.		7/8	0.443	1-1/8	2-1/16
10AAW	1/0–4	2/0 str.–8 sol.	4 sol.	1	0.580	1-1/4	2-15/32
40AAW	4/0–4	4/0 str.–4 sol.					

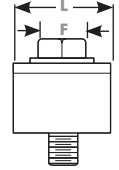
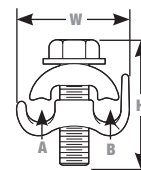
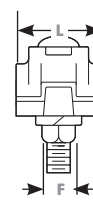
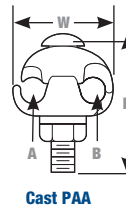


Parallel Groove Connectors

PAA One- and Two-Bolt Aluminum Parallel Groove Clamps

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

- All hardware items come standard
- Use on aluminum, ACSR and copper conductors
- Prevents oxidation on copper-to-aluminum connections



Cast PAA

PAA339

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

* RUS Listed.

† PAA400 and PAA4009 are two-bolt clamps.

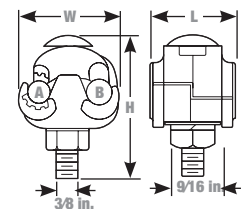
AR = Over armor rod.

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

PAC Aluminum Parallel Groove Clamps with Copper Liner

Our most corrosion-resistant groove clamp ever!

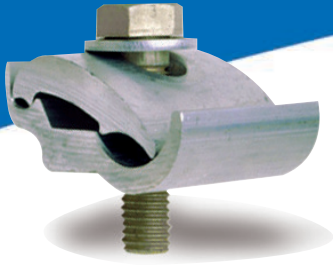
- Effectively seals out moisture and resists corrosion
- Reduces the possibility of galvanic corrosion



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

* RUS Listed.

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



Parallel Groove Connectors

PAE Parallel Groove Clamps, Extruded Type

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

- Use the tools you already have
- Standard for aluminum-to-copper connections
- Prevents oxidation on copper-to-aluminum connections

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

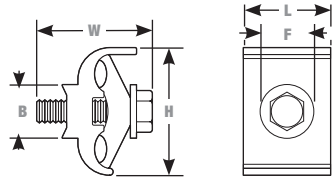


Fig. 1

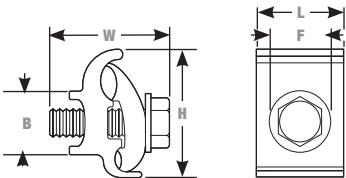


Fig. 2

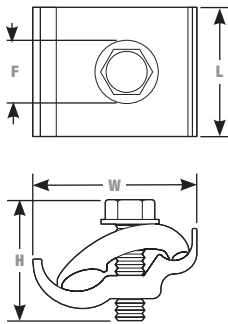


Fig. 3

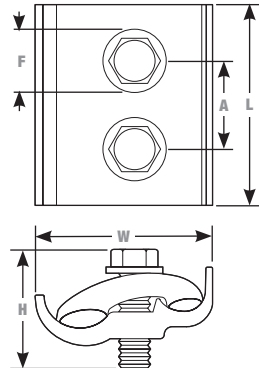


Fig. 4

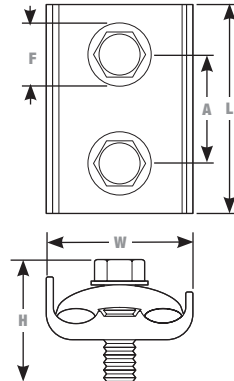


Fig. 5

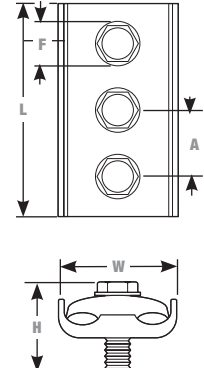


Fig. 6

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

* RUS Listed.
AR = Over armor rod.

Parallel Groove Connectors

K Series Jumper Clamps

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

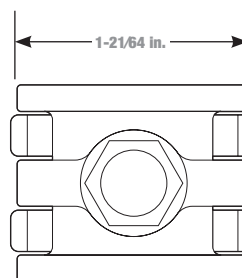
- Provides high strength and durability
- Ensures a super-secure fitting
- No need to remove the bolt for installation
- Choose the model that works best with your wiring



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

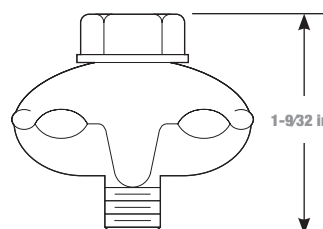
*Trademark of Copperweld.

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



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.



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

*Trademark of Copperweld.

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

Insulation Piercing Connectors



Type IPC — Talon™

- Perform as a splice or tap for non-tension applications up to 600 Volts depending on the size of the connector
- Eliminate need for conductor insulation stripping
- Self-insulated for hot line applications
- No taping required after installation
- For copper-to-copper, copper-to-aluminum and aluminum-to-aluminum applications
- For use on insulated conductors only
- Six connector line covers the range from #10-500 kcmil

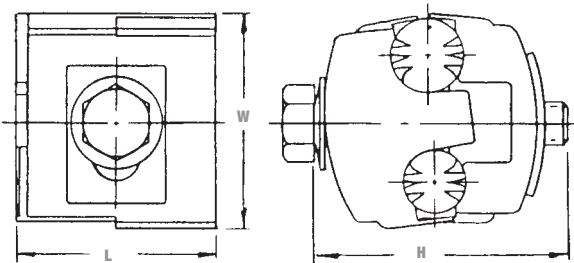


Fig. 1

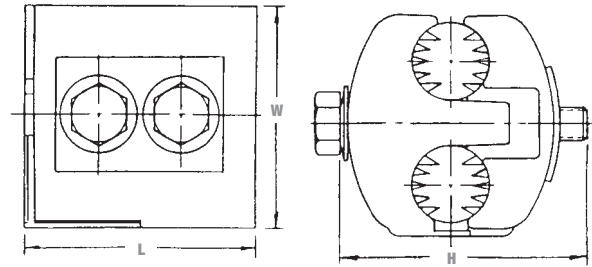


Fig. 2



Cat. No.	Al or Cu Conductor Range (AWG/kcmil)		No. of Bolts	Fig.	Dimensions (in.)		
	Main	Tap			W	H	L
IPC1102*	1/0-8 50-6	2-8 35-6	1	1	2-9/16	2	1-17/32
IPC4111	4/0-1/0 95-50	1/0-6 50-16	2	2	2-1/2		1-19/32
IPC4141		4/0-1/0 95-50			2-5/8	3-1/4	1-29/32
IPC5041*	500-350 240-185	4/0-4 90-25	1	1	2	2-1/2	2-1/8
IPC3535	350-4/0 185-95	350-4/0 185-95	2	2	2-1/16		
IPC3541		4/0-10 95-6	1	1	2-3/4	3	2-5/8

* 600 Volt Rating (All others 300 Volts).

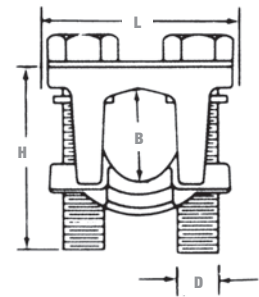
Two-Bolt Connectors

Type 2B — Two-Bolt Connectors without Spacer

- Castings and bolts of high-strength copper alloy
- Removable neoprene washers capture each bolt in bottom casting, aiding installation



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.	0.746	0.394	1/2	1-5/16	1-3/4	5/16
2B20BB	2/0 str.		2/0 str.	8 sol.	0.838	0.420		1-1/4		
2B40	4/0 str.	1/0 str.	4/0 str.	6 sol.	1.056	0.530	9/16	1-23/32	1-3/4	3/8
2B350	350 kcmil	4/0 str.	350 kcmil	4 sol.	1.362	0.726	3/4	2-1/8	2	1/2
2B500	500 kcmil	350 kcmil	500 kcmil		1.626	0.883		2-1/4	2-1/2	
2B800	800 kcmil	600 kcmil	800 kcmil	2 sol.	2.062	1.149		2-1/2		
2B1000	1000 kcmil	750 kcmil	1000 kcmil		2.304	1.255	15/16	2-31/32	2-3/4	5/8

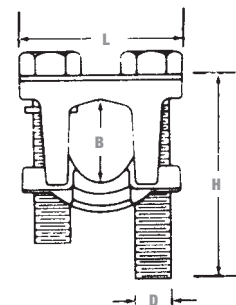


Type 2BX — One-Piece Two-Bolt Connectors without Spacer

- Castings and bolts of high-strength copper alloy
- One-piece construction
- Free bolt is held in place with neoprene washer during installation
- One extra length bolt allows top casting to swing free over two conductors of maximum range

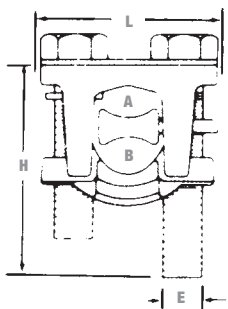


Cat. No.	Conductor Range (AWG or kcmil)				Conductor Diameter (B)		Bolt Head (in.)	Dimensions (in.)		
	Main		Tap					L	H	D
	Max.	Min.	Max.	Min.	Max.	Min.				
2B10X	1/0 str.	2 str.	1/0 str.	10 sol.	0.746	0.394	1/2	1-5/16	1-1/2	5/16
2B20X	2/0 str.		2/0 str.	8 sol.	0.838	0.420				
2B40X	4/0 str.	1/0 str.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



Two-Bolt Connectors

Type 2BW — One-Piece Two-Bolt Connectors with Spacer



- For use on copper conductors only
- Castings and bolts of high-strength copper alloy; spacer of ductile, high-conductivity copper alloy
- One-piece construction; contoured spacer is ringed and swings easily over the conductor



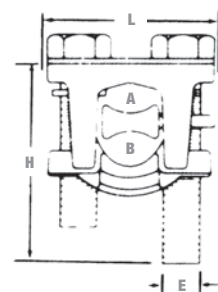
Cat. No.	Conductor Range (AWG or kcmil)				Conductor Diameter				Bolt Head (in.)	Dimensions (in.)		
	Main		Tap		A		B			L	H	E
	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.				
2B10W	1/0 str.	2 str.	1/0 str.	10 sol.	0.373	0.292	0.373	0.102	1/2	1-5/16	1-5/8	5/16
2B20W	2/0 str.		2/0 str.	8 sol.	0.419		0.419	0.128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

Type 2BPW — One-Piece Two-Bolt Connectors with Spacer

- For use on copper, aluminum and ACSR conductors



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	1/0–2	1/0–6	1/0 str.–2 str.	1/0 str.–2 str.	0.398	0.292	0.398	0.102	1/2	1-5/16	1-5/8	5/16
2B20PW	2/0–2	2/0–6			0.447	0.292	0.447	0.128				
2B40PW	4/0–1/0	4/0–6	4/0 str.–1/0 str.	4/0 str.–1/0 str.	0.563	0.368	0.563	0.162	9/16	1-23/32	2-1/8	3/8
2B350PW	350–4/0	350–4	350–4/0	350–4 sol.	0.680	0.522	0.680	0.204	3/4	2-1/8	2-1/2	1/2
2B500PW	397.5–336.4	397.5–4	500–350	500–4 sol.	0.813	0.679	0.813			2-1/4	2-3/4	
2B800PW	666.6–397.5	666.6–2	800–600	800–2 sol.	1.031	0.891	1.031	0.258		2-1/2	3-1/4	
2B1000PW	900–666.6	900–2	1000–750	1000–2 sol.	1.162	0.997	1.162	0.258	15/16	2-31/32	3-3/4	5/8



AMT Connectors

The high quality and built-in flexibility of the Blackburn® AMT Connectors reduce the cost of field installations on splices, taps, and terminations. They're easy and quick to install, and provide superior insulation that lasts the life of the connection.

Features and Benefits

- PVC insulation eliminates failures and reduces outage costs
- UV resistant material
- Compact design provides space efficiencies
- Dual-Rated for copper and aluminum conductors (CSA Certified and UL Listed, for 600 V, 90°C)

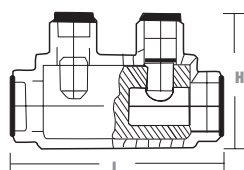


Fig. 1

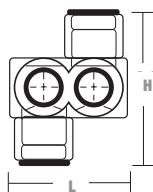


Fig. 2



Cat. No.	Figure	No. of Ports	Wire Range	Length (in.)	Width (in.)	Height (in.)	Hex Size	Std. Pkg. Qty
AMT Aluminum Splices								
AMTSR10	1	—	1/0–14 str.	3.25	0.94	1.63	3/16	4
AMTSR250			250 kcmil–6 str.	3.96	1.19	2.17	5/16	
AMTSR350			350 kcmil–6 str.	4.43	1.31	2.62		2
AMTSR500			500 kcmil–4 str.	5.38	1.44	3.03	3/8	
AMT Splices Offset								
AMTTC4	2	2	4–14 str.	1.24	1.25	1.42	1/8	12
AMTT10			1/0–14 str.	1.63	1.63	1.63	3/16	6

AMT Connectors



Cat. No.	Figure	No. of Ports	Wire Range	Length (in.)	Width (in.)	Height (in.)	Hex Size	Std. Pkg. Qty.
AMT Multi-Port Connectors "Same Side"								
AMTS4142	1	2	4–14 str.	1.24	1.22	1.42	1/8	12
AMTS4143	2	3		1.70				12
AMTS4144		4		2.16				6
AMTS4145		5		2.61				
AMTS4146		6		3.07				
AMTS10142	1	2	1/0–14 str.	1.67	1.53	1.63	3/16	12
AMTS25062	2	2	250 kcmil–6 str.	2.17	1.91	2.17	5/16	6
AMTS25063		3		3.07				
AMTS25064		4		3.96				
AMTS25065		5		4.85				4
AMTS25066		6		5.75				
AMTS25067		7		6.64				3
AMTS25068		8		7.53				
AMTS35062	1	2	350 kcmil–6 str.	2.51	2.03	2.62	5/16	4
AMTS35063	2	3		3.56				
AMTS35064		4		4.61				3
AMTS35065		5		5.66				
AMTS35066		6		6.71				2
AMTS35067		7		7.76				
AMTS35068		8		8.81				
AMTS50042	1	2	500 kcmil–4 str.	2.97	2.28	3.04	3/8	3
AMTS50043	2	3		4.12				
AMTS50044		4		5.28				
AMTS50045		5		6.44				2
AMTS50046		6		7.59				
AMTS50047		7		8.75				
AMTS50048		8		9.90				

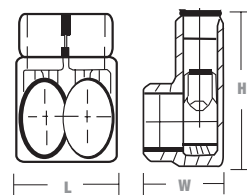


Fig. 1

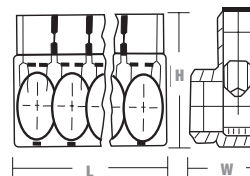


Fig. 2

AMT Connectors

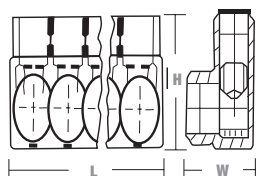


Fig. 1

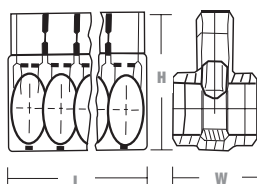


Fig. 2

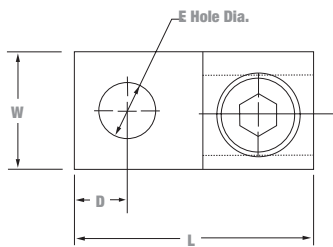
Cat. No.	Figure	No. of Ports	Wire Range	Length (in.)	Width (in.)	Height (in.)	Hex Size	Std. Pkg. Qty.	
AMT Multi-Port Connectors “Double” Both Sides									
AMTD4142	2	2	4–14 str.	1.24	1.25	1.42	1/8	12	
AMTD4143		3		1.70					
AMTD4144		4		2.16				6	
AMTD4145		5		2.61					
AMTD4146		6		3.07				4	
AMTD4147		7		3.53					
AMTD4148		8		3.99					
AMTD25062		2	2.17	250 kcmil–6 str.	2.13	2.17	5/16	6	
AMTD25063		3	3.07						
AMTD25064		4	3.96						
AMTD25065		5	4.85					4	
AMTD25066		6	5.75						
AMTD25067		7	6.64					3	
AMTD25068		8	7.53						
AMTD35062		2	2.51	350 kcmil–6 str.	2.25	2.62		4	
AMTD35063		3	3.56						
AMTD35064		4	4.61						3
AMTD35065		5	5.67						
AMTD35066		6	6.71					2	
AMTD35067		7	7.76						
AMTD35068		8	8.81						
AMTD50042		2	2.97	500 kcmil–4 str.	2.63	3.04	3/8	3	
AMTD50043		3	4.12						
AMTD50044		4	5.28						2
AMTD50045		5	6.44						
AMTD50046		6	7.59						
AMTD50047		7	8.75						
AMTD50048		8	9.90						
AMTD7502502	1	2	750 kcmil–250 kcmil	3.47	3.25	3.31	1/2	3	
AMTD7502503		3		4.89					
AMTD7502504		4		6.32				2	
AMTD7502505		5		7.74					
AMTD7502506		6		9.16				1	
AMTD7502507		7		10.58					
AMTD7502508		8		12.00					



Dual-Rated Mechanical Connectors

Type ADR-ALCÜL™ — Single Conductor, One-Hole Mount

- For copper and aluminum conductors
- Easy installation – no special tools required
- Tin-plated for low contact resistance
- CSA Certified and UL Listed, AL9CU, 600 V Rated
- All aluminum bodies
- Slotted screw on lugs up through 2/0 str.; 5/16 socket screw on sizes 250 through 350 kcmil; 3/8 hex socket on sizes 500 kcmil and above



Cat. No.	Conductor Range		Dimensions (in.)							
	Max.	Min.	L	W	H	D	E	F	G	
Slotted Screw										
ADR6	6 str.	14 AWG	1-3/64	1/2	31/64	15/64	1/4	5/64	43/64	
ADR2	2 str.		1-5/32		9/16	19/64		7/64	11/16	
ADR11	1/0 str.		1-15/32	5/8	25/32	7/16		3/16	27/32	
ADR21	2/0 str.									
Socket Screw										
ADR25	250 kcmil	6 str.	2	1	1-1/8	15/32	5/16	1/4	1	
ADR30	300 kcmil									
ADR35	350 kcmil	6 str.	2-1/4	1-1/8	1-1/4	1/2	3/8	5/16	1-1/8	
ADR50	500 kcmil	4 str.	2-13/16	1-1/2	1-9/16	3/4		5/16	1-19/32	
ADR60	600 kcmil	2 str.	3-3/16			13/16		7/16	1-13/16	
ADR6004*	600 kcmil (2) 250 kcmil	4 str. (2) 1/0 str.	2-13/16	1-3/8	1-13/16	5/8		5/16	1-1/2	
ADR80	800 kcmil	300 kcmil	3-3/8	1-3/4	1-15/16	7/8		1/2	1-3/4	
ADR99	1000 kcmil	500 kcmil								

* UL and CSA not applicable.

Type ADR-ALCÜL™ — Anti-Rotational Connector

- Unique bottom rib keeps connector from turning
- Eliminates the need for excessive torque, which can damage large conductors
- Prevents connector loosening, even in heavy-vibration applications



Cat. No.	Conductor Range		Bolt Hole (in.)	Figure
	Max.	Min.		
ADR21-AR	2/0	14 AWG	1/4	1
ADR30-AR	300 kcmil	6 AWG	7/16	
ADR35-AR	350 kcmil	6 AWG	5/16	
ADR60-AR	600 kcmil	2 AWG	1/2	
ADR35-21-AR	350 kcmil	6 AWG	3/8	2
ADR60-21-AR	600 kcmil	2 AWG	1/2	2

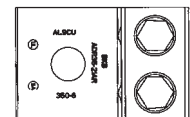


Fig. 1



Fig. 2

Dual-Rated Mechanical Connectors

Type ADR-ALCÜL™ — Single Conductor, Two-Hole Mount*

- For copper and aluminum conductors
- Easy installation – no special tools required
- Tin-plated for low contact resistance
- All aluminum bodies

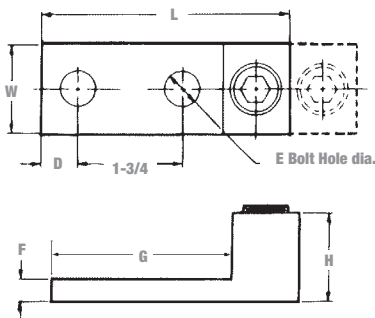


Fig. 1



Fig. 2



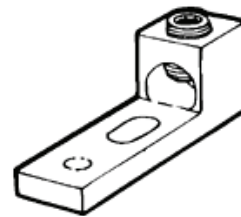
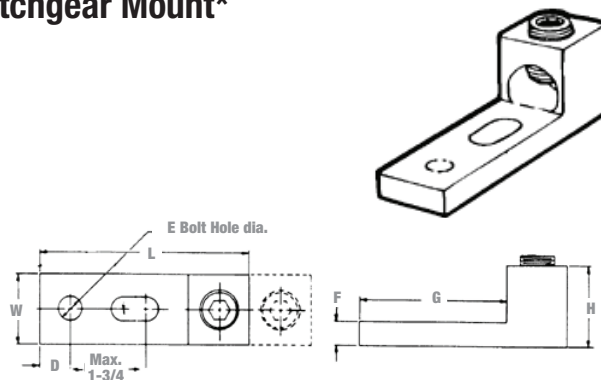
Cat. No.	Figure	Conductor Range (Al or Cu)		Dimensions (in.)								
		Max.	Min.	L	W	H	D	E	F	G		
ADR35-12	1	350 kcmil	6 str.	4-1/4	1-1/4	1-3/8	5/8	1/2	5/16	3		
ADR60-12D	2	600 kcmil	2 str.	5-5/16	1-1/2	1-1/2			3/8	3-1/16		
ADR80-12D		800 kcmil	300 kcmil	6-3/16	1-3/4	1-7/8			9/16	3-7/16		
ADR99-12D		1,000 kcmil	350 kcmil									

* NEMA spacing: 1-3/4 in. centers.

Connectors accommodating conductors 600 kcmil and larger have double row of set screws (D suffix).

Type ADR-ALCÜL™ — Single Conductor, Switchgear Mount*

- For copper and aluminum conductors
- Easy installation – no special tools required
- Tin-plated for low contact resistance
- All aluminum bodies



Cat. No.	Conductor Range (Al or Cu)		Dimensions (in.)						
	Max.	Min.	L	W	H	D	E	F	G
ADR35-12S	350 kcmil	4 str.	4-11/16	1-1/4	1-9/16	23/32	1/2	7/16	3-5/16
ADR80-12DS	800 kcmil	300 kcmil	6-3/16	1-5/8	1-7/8			9/16	3-7/16

* NEMA spacing: 1-3/4 in. centers except ADR25-12S: 1 in. centers.

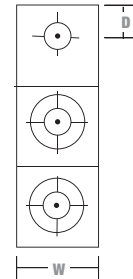
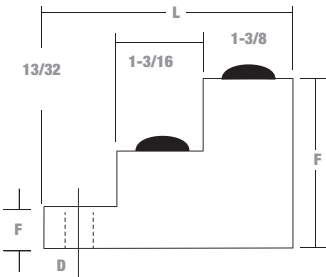
Connectors accommodating conductors 600 kcmil and larger have double row of set screws (D suffix).



Dual-Rated Mechanical Connectors

Type ASL-ALCÜL™ — Two Conductors, One-Hole Mount

- For copper and aluminum conductors
- Easy installation – no special tools required
- Tin-plated for low contact resistance
- All aluminum bodies

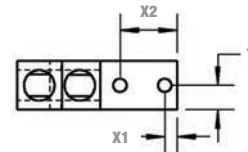
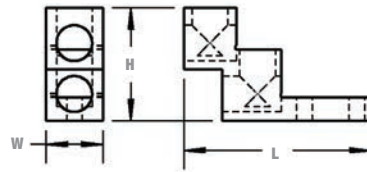


Cat. No.	Conductor Range		Dimensions (in.)					Mtg. Hole Dia.
	Max.	Min.	L	W	H	D	F	
ASL30-21	300 kcmil	6 str.	3	1-1/8	2	15/32	1/2	5/16



Type ASL-ALCÜL™ — Two Conductors, Two-Hole Mount

- For copper and aluminum conductors
- Easy installation – no special tools required
- Tin-plated for low contact resistance
- All aluminum bodies

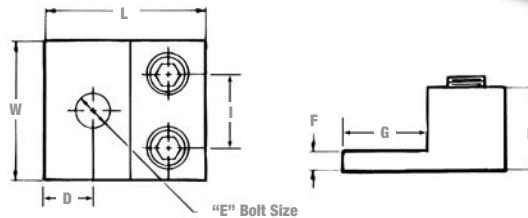


Cat. No.	Conductor Range		Dimensions (in.)					
	Max.	Min.	L	W	H	X1	X2	Y1
ASL60-22	600 kcmil	2 str.	4.91	1.50	2.96	0.375	1.75	0.75
ASL75-22	750 kcmil	3/0 str.		1.69				0.84

Dual-Rated Mechanical Connectors

Type ADR-ALCÜL™ — Two Conductors, One-Hole Mount

- For copper and aluminum conductors
- Easy installation – no special tools required
- Tin-plated for low contact resistance
- All aluminum bodies



Cat. No.	Conductor Range		Dimensions (in.)							
	Max.	Min.	L	W	H	D	E	F	G	I
ADR11-21	1/0 str.	14 AWG	1-15/32	1-7/32	25/32	7/16	1/4	3/16	27/32	35/64
ADR21-21	2/0 str.			1-1/4		27/64				21/32
ADR25-21	250 kcmil	6 str.	2-9/16	1-41/64	1-3/16	7/8	3/8	1/4	1-9/16	13/16
ADR35-21	350 kcmil		2-7/8	1-59/64	1-1/4		1/2		1-3/4	61/64
ADR60-21	600 kcmil	2 str.	3-3/16	2-13/32	1-9/16	5/8	7/16	1-13/16	1-7/32	
ADR80-21	800 kcmil	300 kcmil	3-3/8	3-3/16	1-15/16	7/8	5/8	1/2	1-3/4	1-5/8
ADR99-21	1000 kcmil	500 kcmil								

Type ADR-ALCÜL™ — Two Conductors, Two-Hole Mount*

- For copper and aluminum conductors
- Easy installation – no special tools required
- Tin-plated for low contact resistance
- All aluminum bodies

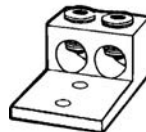


Fig. 1

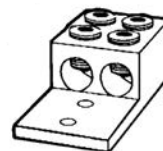
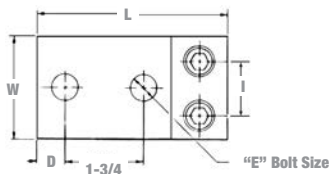


Fig. 2



Cat. No.	Figure	Conductor Range		Dimensions (in.)							
		Max.	Min.	L	W	H	D	E	F	G	I
ADR35-22	1	350 kcmil	6 str.	4-1/4	2-19/64	1-3/8	5/8	1/2	5/16	3	1-7/32
ADR60-22D	2	600 kcmil	2 str.	5-5/16	2-3/4	1-1/2			3/8	3-1/16	1-7/16
ADR80-22D		800 kcmil	300 kcmil	6-3/16	3-1/2	1-7/8			9/16		1-13/16
ADR99-22D		1000 kcmil	350 kcmil								

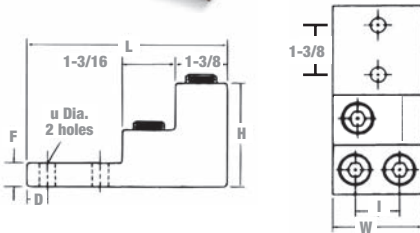
* NEMA Spacing: 1-3/4 in. centers.
Connectors accommodating conductors 600 kcmil and larger have double row of set screws (D suffix).



Dual-Rated Mechanical Connectors

Type ASL-ALCÜL™ — Three Conductors, Two-Hole Mount

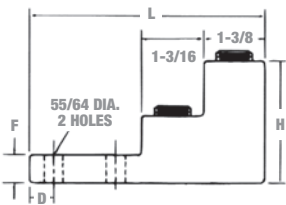
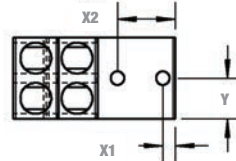
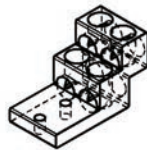
- For copper and aluminum conductors
- Easy installation – no special tools required
- Tin-plated for low contact resistance
- All aluminum bodies



Cat. No.	Conductor Range		Dimensions (in.)								
	Max.	Min.	L	W	H	F	D	I	X2	X1	Y
ASL60-32	600 kcmil	2 str.	4-29/32	2-1/2	3	3/4	3/8	1-7/32	1.75	0.375	1.234

Type ASL-ALCÜL™ — Four Conductors, Two-Hole Mount

- For copper and aluminum conductors
- Easy installation – no special tools required
- Tin-plated for low contact resistance
- All aluminum bodies



Cat. No.	Conductor Range		Dimensions (in.)								
	Max.	Min.	L	W	H	F	D	I	X2	X1	Y
ASL60-42	600 kcmil	2 str.	4-29/32	2-1/2	3	3/4	3/8	1-7/32	1.75	0.375	1.234
ASL75-42	750 kcmil	3/0 str.	4-49/32	2-27/21				1-5/16			1.31

Dual-Rated Mechanical Connectors

Type ADR-ALCÜL™ — Three Conductors, Two-Hole Mount*

- For copper and aluminum conductors
- Easy installation – no special tools required
- Tin-plated for low contact resistance
- CSA Certified and UL Listed
- All aluminum bodies

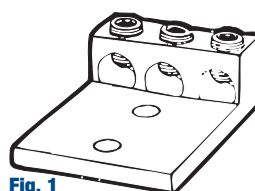
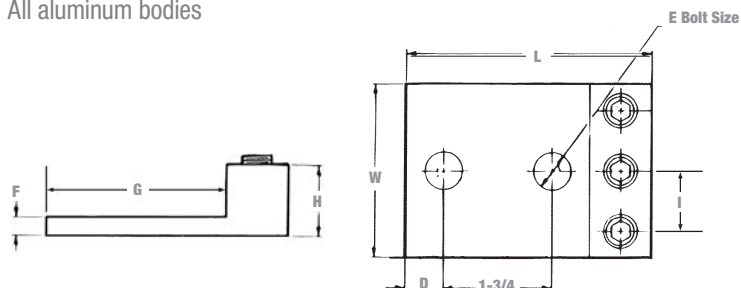


Fig. 1

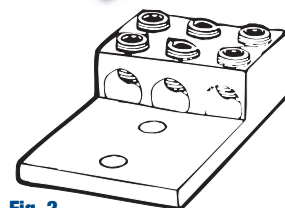


Fig. 2



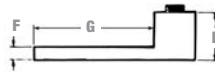
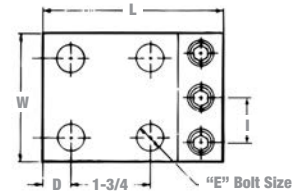
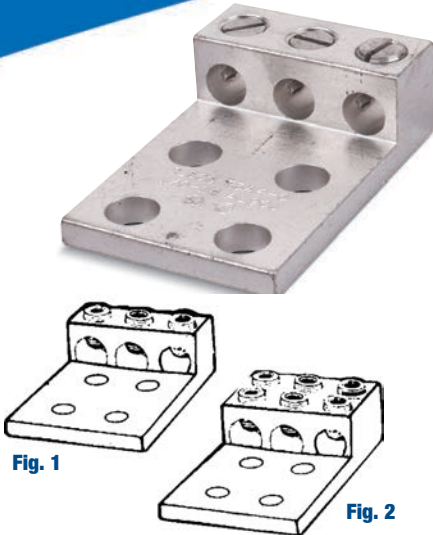
Cat. No.	Fig. No.	Conductor Range		Dimensions (in.)							
		Max.	Min.	L	W	H	D	E	F	G	I
ADR02-32	1	2 str.	14 AWG	2-3/16	1-5/8	5/8	11/32	5/16	3/16	1-11/16	9/16
ADR11-32		1/0 str.		2-29/32	2	7/8		3/8	1/4	2-5/32	45/64
ADR31-32		3/0 str.	6 str.	4	2-13/16	1-3/16	5/8	1/2	5/16	3	31/32
ADR25-32		250 kcmil		4-3/16		1-1/4			1/4	3-1/16	
ADR35-32		350 kcmil	6 str.	3-3/16	1-1/4	7/16			3-5/16	1-1/4	
ADR50-32	2	500 kcmil	4 str.	4-11/16	3-3/4	1-9/16			3/8	3-1/6	1-7/16
ADR60-32D		600 kcmil	2 str.	5-5/16	4-3/16	1-1/2			9/16	3-7/16	1-9/16
ADR80-32		800 kcmil	300 kcmil	6-3/16	4-1/2	1-7/8					
ADR99-32		1000 kcmil	500 kcmil		4-3/4						1-41/64

* NEMA Spacing: 1-3/4 in. centers except ADR02-32; 7/8 in. centers and ADR11-32; 1 in. centers.
Connectors accommodating conductors 600 kcmil and larger have double row of set screws (D suffix).

Dual-Rated Mechanical Connectors

Type ADR-ALCÜL™ — Three Conductors, Four-Hole Mount**

- For copper and aluminum conductors
- Easy installation – no special tools required
- Tin-plated for low contact resistance
- All aluminum bodies



Cat. No.	Fig. No.	Conductor Range		Dimensions (in.)							
		Max.	Min.	L	W	H	D	E	F	G	I
ADR02-34	1	2 str.	14 AWG	2-3/16	1-5/8	5/8	11/32	5/16	3/16	1-11/16	9/16
ADR11-34		1/0 str.		2-29/32	2	7/8		3/8	1/4	2-5/32	45/64
ADR31-34		3/0 str.	6 str.	4	2-13/16	1-3/16	5/8	1/2	5/16	3	31/32
ADR25-34*		250 kcmil		4-3/16		1-1/4			1/4	3-1/16	1-1/32
ADR35-34*		350 kcmil			3-3/16						
ADR50-34*	2	500 kcmil	4 str.	4-11/16	3-3/4	1-9/16			7/16	3-5/16	1-1/4
ADR60-34D		600 kcmil	2 str.	5-5/16	4-3/16	1-1/2			3/8	3-1/16	1-7/16
ADR80-34*		800 kcmil	300 kcmil	6-3/16	4-1/2	1-7/8			9/16	3-7/16	1-9/16
ADR99-34*		1000 kcmil	500 kcmil		4-3/4						1-41/64

* UL Listed.

** NEMA Spacing: 1-3/4 in. centers except ADR02-34; 7/8 in. centers and ADR11-34; 1 in. centers. Connectors accommodating conductors 600 kcmil and larger have double row of set screws (D suffix).

Type ADR-ALCÜL™ — Four Conductors, Four-Hole Mount*

- For copper and aluminum conductors
- Easy installation – no special tools required
- Tin-plated for low contact resistance
- All aluminum bodies

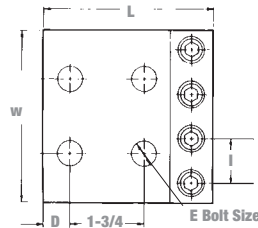


Fig. 2



Cat. No.	Fig. No.	Conductor Range		Dimensions (in.)							
		Max.	Min.	L	W	H	D	E	F	G	I
ADR25-44	1	250 kcmil	6 str.	4	4-1/16	1-3/16	5/8	1/2	5/16	3	1-3/64
ADR35-44		350 kcmil		4-1/4	4-23/32	1-3/8					1-7/32
ADR60-44D	2	600 kcmil	2 str.	5-5/16	5-5/8	1-1/2			3/8	3-1/16	1-7/16
ADR80-44D		800 kcmil	350 kcmil	6-3/16	7-1/8	1-7/8			9/16	3-7/16	1-13/16

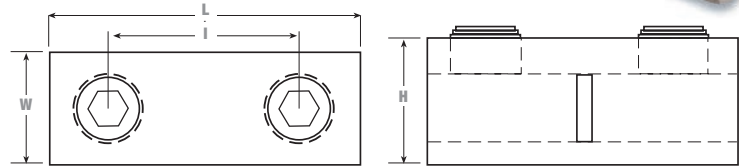
* NEMA Spacing: 1-3/4 in. centers.

Connectors accommodating conductors 600 kcmil and larger have double row of set screws (D suffix).

Dual-Rated Mechanical Connectors

Type ASR-ALCÜL™ — Splice Reducers with Solid Barrier Wire Stop

- For copper and aluminum conductors
- Easy installation – no special tools required
- Tin-plated for low contact resistance
- All aluminum bodies



Cat. No.	Conductor Range (Al or Cu)		Dimensions (in.)			
	Max.	Min.	L	W	H	I
ASR0214*	2 str.	14 AWG	1-1/4	33/64	39/64	21/32
ASR1114*	1/0 str.		1-1/2	39/64	23/32	51/64
ASR2506	250 kcmil	6 str.	2-1/8	55/64	31/32	1-7/64
ASR3506	350 kcmil		2-3/8	1-1/32	1-1/8	1-1/4
ASR7525**	750 kcmil		6-1/4	1-5/8	1-3/4	1-5/8

* Slotted screws.

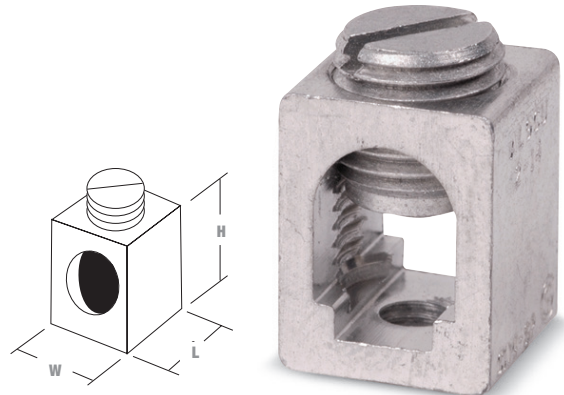
** Two set screws per end. CSA not applicable.

Type BX-ALCÜL™ — Rectangular Connectors

- Recognized component in accordance with UL standard – 90°C rating
- Anti-rotational boss
- For copper and aluminum conductors
- Easy installation – no special tools required
- Tin-plated for low contact resistance
- All aluminum bodies



Cat. No.	Conductor Range		Style & Size of Boss	Boss Hole Tapped	Dimensions (in.)		
	Max.	Min.			L	W	H
BX0214	2	14 Cu 12 Al	Square 0.229 in.	10–32	15/32	15/32	9/16
BX1114	1/0				5/8	17/32	39/64



Tightening Torque Values for Aluminum Dual-Rated Socket Screw Connectors

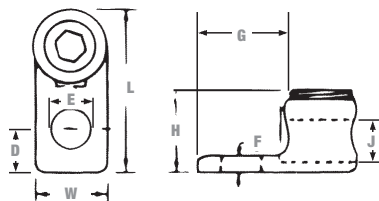
AWG or Circular Mil Size	Tightening Torque (in.-lb.)		AWG or Circular Mil Size	Tightening Torque (in.-lb.)	
	Screwdriver	Wrench		Screwdriver	Wrench
12	20	75	4/0	—	200
10			250		
8			350		
6	35	100	500		300
4			600		
2			700		
1	50	125	750		400
1/0			800		
2/0			1000		
3/0	—	200	—		



Copper Mechanical Connectors

Type L — Single Conductor, One-Hole Mount

- For copper conductors
- Screws are plated steel
- Compact design
- Add suffix P to catalogue number for tin plating
- One-piece construction for strength and durability
- Excellent for confined quarters
- Cat. Nos. L400 and L650 are cast from high strength bronze alloy
- Cat. Nos. L35, L70, L125 and L250 are cold forged from pure electrolytic copper
- Other models are cast from high strength bronze alloy
- CSA Certified and UL Listed



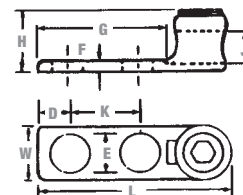
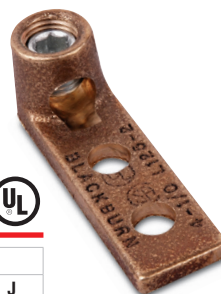
Cat. No.		Conductor Range		Dimensions (in.)							
Socket	Hex	Max.	Min.	L	W	H	F	D	J	E	G
L35*	—	8 str.	14 sol.	13/16	3/8	3/8	3/32	13/64	11/64	13/64	1/2
L70*		4 str.		1-1/8	17/32	35/64		9/32	9/32	9/32	21/32
L125BB**	L125H	1/0 str.	8 sol.	1-1/2	47/64	3/4		3/8	27/64	21/64	27/32
L250**	L250H	250 kcmil	6 str.	1-61/64	15/16	1-1/16	1/8	29/64	5/8	13/32	1-3/32
L400-BB**	L400H	500 kcmil	4/0 str.	3	1-13/32	1-15/32	9/32	5/8	7/8	9/16	1-5/8
L650BB**	L650H	1000 kcmil	500 kcmil	4	2	2-3/16	17/32	3/4	1-1/4		2

* Sizes L35 and L70 have screwdriver slot head screws only.

** Sizes L125 and up are Allen head screws.

Type L — Single Conductor, Two-Hole Mount

- Cast from high strength bronze alloy
- For use where large contact area is required to provide a more secure mounting
- CSA Certified and UL Listed

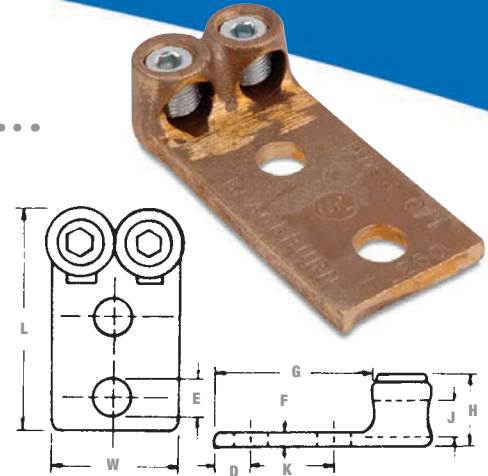


Cat. No.		Conductor Range		Dimensions (in.)									
Socket	Hex	Max.	Min.	L	W	H	F	D	K	E	G	J	
L1252	L1252H	1/0 str.	4 str.	2-13/16	25/32	13/16	3/16			11/32	2	27/64	
L2502	L2502H	250 kcmil	1/0 str.	3	3	1-1/32	15/64	7/16	1	13/32	1-7/8	5/8	
L4002	L4002H	500 kcmil	4/0 str.	3-3/8	3-3/8	1-15/32	5/16				1-15/16	57/64	
L6502-BB	L6502H	1000 kcmil	500 kcmil	4-15/16	4-15/16	2	3/8	9/16	1-1/2	9/16	2-3/4	1-1/4	

Copper Mechanical Connectors

Type TL — Two Conductors, Two-Hole Mount

- Conveniently terminates parallel conductors
- For copper conductors
- Screws are plated steel
- Compact design
- Add suffix P to catalogue number for tin plating
- One-piece construction for strength and durability
- Excellent for confined quarters
- CSA Certified and UL Listed
- Cast from high strength bronze alloy

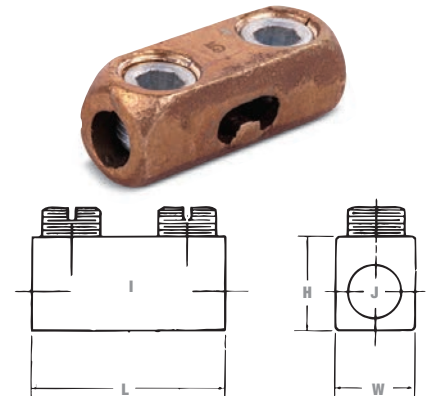


Cat. No.		Conductor Range		Dimensions (in.)								
Socket	Hex	Max.	Min.	L	W	H	F	K	E	D	G	J
TL250	TL250H	250 kcmil	1/0 str.	4-5/16	1-7/8	9/32	5/8	1-3/4	9/16	1-1/16	3-3/16	5/8
TL400	TL400H	500 kcmil	4/0 str.	4-3/4	2-9/16	13/32	11/16			1-9/16	3	7/8
TL650*	TL650H	1000 kcmil	500 kcmil	5-9/16	3-1/4	9/16	5/8			2-3/16	3-3/8	1-1/4

*Four hole NEMA tang on TL650.

Type S — Copper End-to-End Splice Connectors

- Cast of high strength bronze alloy
- Plated steel socket head set screws
- For copper conductors
- Compact design
- Add suffix P to catalogue number for tin plating
- One-piece construction for strength and durability
- Excellent for confined quarters
- CSA Certified and UL Listed



Cat. No.	Conductor Range		Dimensions (in.)				
	Max.	Min.	L	W	H	J	I
S100BB	1 str.	4 str.	1-11/16	5/8	11/16	3/8	15/16
S225BB*	4 str.	1 str.	2-3/16	27/32	31/32	9/16	1-3/16
S400BB	500 kcmil	4/0 str.	2-7/8	1-3/16	1-5/16	7/8	1-5/8

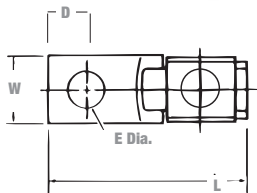
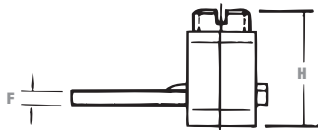
* Not UL Listed.

Copper Mechanical Connectors

Type STC — Copper Single Conductor, One-Hole Mount (Straight Tang)



- Uniquely designed pressure bar and notched v-bottom collar provide a vise-like grip between conductor and terminal
- CSA Certified and UL Listed for copper conductors
- Made of electrolytic seamless coppers
- Screws are zinc plated steel



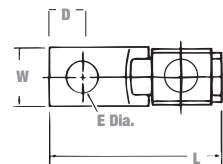
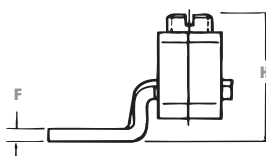
Cat. No.	Conductor Range		Dimensions (in.)					
	Max.	Min.	L	W	H	F	E	D
STC1014*	10 AWG	14 AWG	1	5/16	1/2	5/64	5/32	3/16
STC0614	6 str.		1-9/64	3/8	11/16		13/64	7/32
STC0414	4 str.		1-1/4	1/2	37/32	3/32	17/64	1/4
STC0208	2 str.	8 str.	1-15/32		31/32			1/7
STC1102	1/0 str.	2 str.	1-15/16	5/8	1-1/4	1/8	13/32	7/16
STC3104	3/0 str.	4 str.	2-1/4	3/4	1-9/16			
STC4102	4/0 str.	2 str.	2-3/8	1	1-21/32		11/32	1/2
STC3511	350 kcmil	1/0 str.	3-1/4		1-5/8	3/16	13/32	5/8
STC5011	500 kcmil		3-7/8	1-1/2	1-13/16			15/16
STC9960	1000 kcmil	600 kmcil	5	2	2-5/8	1/4	17/32	1-1/8

* CSA not applicable.

Copper Mechanical Connectors

Type BTC — Copper Single Conductor, One-Hole Mount (Offset Tang)

- CSA Certified and UL Listed, tested for copper conductors
- Made of electrolytic seamless copper
- Screws are zinc plated steel



Cat. No.	Conductor Range		Dimensions (in.)					
	Max.	Min.	L	W	H	F	E	D
BTC1014*	10 AWG	14 AWG	1	5/16	43/64	5/64	5/32	3/16
BTC0614	6 str.		1-3/32	3/8	25/32		13/64	7/32
BTC0208	2 str.	8 str.	1-15/32	1/2	27/32	3/32	17/64	1/4
BTC1102	1/0 str.	2 str.	1-25/32	5/8	1-13/32	1/8		7/16
BTC3104	3/0 str.	4 str.	2-3/64	3/4	1-9/16		13/32	
BTC4102	4/0 str.	2 str.	2-9/16	1	1-61/64	11/32	1/2	
BTC3511	350 kcmil	1/0 str.	3-1/4		2-1/2	3/16	13/32	5/8
BTC5011	500 kcmil		4-1/4	1-1/2	2-21/32			15/16
BTC9960	1000 kcmil	600 kcmil	4-3/4	2	3-9/16	1/4	17/32	1-1/8

Competitive Cross Reference

Type H — High Strength Split-Bolt Connectors

Blackburn®	Penn Union	Burndy	Ilco/Utilco	Anderson	Joslyn	Dossert	Eritech
9H	S-10	KS90	IK-10	C-10	J3657	DS-09F	ESB10
8H	S-8	KS15	IK-8	C-8	J3608	DS-1F	ESB8
8H3	SEL-8	—	SEL8S	C-8-L	—	—	—
6H	S-6	KS17	IK-6	C-6	J3606	DS-2F	ESB6
6H3	SEL-6	KS17-3	SEL6S	C-6-L	J3608	DS-2-3	—
4H	S-4	KS20	IK-4	C-4	J3604	DS-3F	ESB4
4H3	SEL-4	KS20-3	SEL4S	C-4-L	J3604	DS-3-3	—
3H	—	—	—	—	—	—	ESB3
3H3	—	—	—	—	—	—	—
2H	S-3	KS22	IK-3	C-2	J3602	DS-5F	ESB2
2H3	SEL-3	KS22-3	—	C-2-L	J3602	DS-5-3	—
1H	S-2	KS23	IK-2	C-1	—	DS-6F	—
1H3	SEL-2	—	SEL-2S	C-1-L	—	DS-6-3	—
10H	S-1/0	KS25	IK-1/0	C-1/0	J3610	DS-10F	ESB1/0
20H	S-2/0	KS26	IK-2/0	C-2/0	—	DS-13F	ESB2/0
30H	S-3/0	KL27	IK-3/0	C-3/0	—	DS-17	ESB4/0
40H	S-4/0-250	—	KS29	IK-250	C-4/0	DS-25C	ESB250
350M	S-350	KS31	IK-350	C-350	J3635	DS-35	ESB350
500M	S-500	KS34	IK-500	C-500	J2650	DS-50	ESB500
750M	S-750	KS39	IK-750	C-750	J3675	DS-75	ESB750
1000M	S-1000	KS44	IK-1000	C-1000	J3679	DS-100	—

Type HPS — Plated Split-Bolt Connectors with Spacer

Blackburn®	Penn Union	Burndy	Ilco/Utilco	Anderson	Joslyn	Dossert	Eritech
9HPS	SW-1	—	—	—	—	—	—
8HPS	SW-2	—	—	—	—	—	ESBP8
6HPS	SW-3	KSU17	SK-6	—	—	DSNS2	ESBP9
4HPS	SW-4	KSU20	SK-4	—	—	DSNS3F	ESBP6
2HPS	SW-5	KSU22	SK-3	—	—	DSNS5F	ESBP2
1HPS	SW-6	KSU23	SK-2	—	—	DSNS6F	—
10HPS	SW-7	KSU25	SK-1/0	—	—	DSNS10F	ESBP1/0
20HPS	SW-8	KSU26	SK-2/0	—	—	DSNS13F	ESBP2/0
40HPS	SW-9A	KSU27	SK-3/0	—	—	DSNS25C	ESBP4/0
350HPS	SW-11	KSU31	SK-350	—	—	DSNS35	ESBP350
500HPS	SW-12	KSU34	SK-500	—	—	DSNS50	ESBP500
750HPS	SW-13	—	—	—	—	DSNS75	—
1000HPS	SW-14	—	—	—	—	DSNS100	—

Type APS — Aluminum Dual-Rated Split-Bolts

Blackburn®	Penn Union	Burndy	Ilco/Utilco	Anderson	Joslyn	Dossert	Eritech
APS06	—	KSA-6	AK-6	—	—	—	ASBP6
APS04	—	KSA-4	AK-4	—	—	—	ASBP4
APS02	SW-6	KSA-2	AK-2	—	—	—	ASBP2
APS11	SW-7	KSA-1/0	AK-1/0	—	—	—	ASBP1/0
APS21	SW-8	KSA-2/0	AK-2/0	—	—	—	ASBP2/0
APS41	SW-9	KSA-4/0	AK-4/0	—	—	—	ASBP4/0
APS350	SW-11	KSA-350	AK-350	—	—	—	—
APS500	SW-12	KSA-500	AK-500	—	—	—	—

Type IPC — Talon™ Insulation Piercing Connectors

Blackburn®	Penn Union	Burndy	Ilco/Utilco	Kupler	—	—	—
IPC1102	—	—	IPC-1/0-2	130001	—	—	—
IPC4111	—	—	IPC-4/0-1/0	130003	—	—	—
IPC4141	—	—	IPC-4/0-4/0	130004	—	—	—
IPC5041	—	—	IPC-500-4/0	130005	—	—	—
IPC3535	—	—	IPC-350-350	130012	—	—	—
IPC3541	—	—	IPC-350-4/0	130013	—	—	—

Competitive Cross Reference

Type 2B — Two-Bolt Connectors without Spacer								
Blackburn®	Penn Union	Burndy	IlSCO/Utilco	Anderson	Joslyn	Dossert	Chance	Kearney
2B10	VT-0	—	—	K-1	—	DSU10	—	17280
2B20BB	VT-1	KVS26		K-2		DSU13	00UC	16369
2B40	VT-2	KVS28	IKB-4/0	K-3		DSU21	—	—
2B350	VT-3	KVS31	IKB-350	K-4		DSU35	35UC	16371
2B500	VT-4	KVS34	IKB-500	K-5		DSU50	50UC	16372
2B800	VT-5	KVS40	IKB-800	K-6		DSU80	75UC	—
2B1000	VT-6	KVS44	IKB-1000	K-7		DSU100	100UC	16374
Type 2BX — One-Piece Two-Bolt Connectors without Spacer								
Blackburn®	Penn Union	Burndy	IlSCO/Utilco	Anderson	Joslyn	Dossert	Chance	Kearney
2B10X	VT-0L	—	—	—	—	—	—	—
2B20X	VT-1L							
2B40X	VT-2L							
2B350X	VT-3L							
2B500X	VT-4L							
2B800X	VT-5L							
2B1000X	VT-6L							
Type 2BPW — Plated Two-Bolt Connector with Spacer								
Blackburn®	Penn Union	Burndy	IlSCO/Utilco	Anderson	Joslyn	Dossert	Chance	Kearney
2B10PW	VTA-0L	—	—	KR-1TP	—	DSUN10	—	—
2B20PW	VTA-1L	KVSU26		KR-2TP		DSUN13		
2B40PW	VTA-2L	KVSU28	IKS-4/0	KR-3TP		DSUN21		
2B350PW	VTA-3L	KVSU31	IKS-350	KR-4TP		DSUN35		
2B500PW	VTA-4L	KVSU34	IKS-500	KR-5TP		DSUN50		
2B800PW	VTA-5L	KVSU40	IKS-800	KR-6TP		DSUN80		
2B1000PW	VTA-6L	KVSU44	IKS-1000	KR-7TP		DSUN100		
Type 2BW — One-Piece Two-Bolt Connector with Spacer								
Blackburn®	Penn Union	Burndy	IlSCO/Utilco	Anderson	Joslyn	Dossert	Chance	Kearney
2B10W	VTW-0L	—	—	KR-1	—	DSUS10	—	—
2B20W	VTW-1L	KVSW26		KR-2		DSUS13		
2B40W	VTW-2L	KVSW28		KR-3		DSUS21		
2B350W	VTW-3L	KVSW31		KR-4		DSUS35		
2B500W	VTW-4L	KVSW34		KR-5		DSUS50		
2B800W	VTW-5L	KVSW40		KR-6		DSUS80		
2B1000W	VTW-6L	KVSW44		KR-7		DSUS100		

Competitive Cross Reference

Types L — Copper Mechanical Connectors, Single Conductor, One-Hole Mount

Blackburn®	Penn Union	Burndy	IlSCO/Utilco	T&B®	Anderson	Dossert	Gedney
L35	PNL-8	KA8C	SLU-35	31003	LU-08	D-35	SL081
L70	PNL-4	KA4C	SLU-70	31005	LU-04	D-70	SL041
L125	PNL-1/0	KA25	LO-0	31007	LU-1/0	D-10	SL211
L250	PNL-250	KA28	LO-250	31011	—	D-25	SL241
L400	PNL-500	KA34	LO-500	31015	LU-500	D-50	SL501
L650	PNL-1000	QA44B	LO-1000	31019	LU-1000	D-100	SL921

Types L — Copper Mechanical Connectors, Single Conductor, Two-Hole Mount

Blackburn®	Penn Union	Burndy	IlSCO/Utilco	T&B®	Anderson	Dossert	Gedney
L1252	PNL-1/0-2	QA1C-2B	E-125	32007	—	—	SL212
L2502	PNL-250-2	QA28-2B	E-225	32011			SL242
L4002	PNL-500-2	QA35-2B	E-400	32015			S1502
L6502	PNL-1000-2	QA44-2B	E-650	32019			SL922

Types TL — Copper Mechanical Connectors, Two Conductors, Two-Hole Mount

Blackburn®	Penn Union	Burndy	IlSCO/Utilco	T&B®	Anderson	Dossert	Gedney
TL250	—	Q2A31-2N	LU-4	32013BD	—	D2-25	SLL302
TL400	SLL504	Q2A34-2N	—	32015BD	LU2-500-2N	D2-50	SLL504
TL650	—	Q2A44-2N		32019BD	—	D2-100	SLL924

Type STC — Copper Single Conductor, One-Hole Mount, Straight Tang

Blackburn®	Penn Union	Burndy	IlSCO/Utilco	T&B®	Anderson	Dossert	Gedney
STC1014	—	—	SLS25	—	—	—	—
STC0614		KPA8CUP	SLS35				
STC0414		KPA4CUP	SAS70				
STC0208		—	SLS70				
STC1102		KPA25UP	SLS125				
STC3104		—	SLS175				
STC4102		KPA28UP	SLS225				
STC3511		—	SLS300				
STC5011		KPA34UP	SLS400				
STC9960		—	SLS650				

Type BTC — Copper Single Conductor, One-Hole Mount, Offset Tang

Blackburn®	Penn Union	Burndy	IlSCO/Utilco	T&B®	Anderson	Dossert	Gedney
BTC1014	SLU-25	—	SLU-25	—	—	—	—
BTC0614	SLU-35	KPA8C	SLU-35			G-35-1	
BTC0208	SLU-70	KPA4C	SLU-70			G-70-1	
BTC1102	SLU-125	KPA25	SLU-125			G-125-1	
BTC3104	SLU-175	—	SLU-175			—	
BTC4102	SLU-225	KPA28	SLU-225			G-225-1	
BTC3511	SLU-300	—	SLU-300			—	
BTC5011	SLU-400	KPA34	SLU-400			G-400-1	
BTC9960	SLU-650	—	SLU-650			G-650-1	

Competitive Cross Reference

Type ADR ALCÜL™ — Aluminum Dual-Rated Connectors, Single Conductor, One-Hole Mount

Blackburn®	Penn Union	Burndy	Ilco/Utilco	T&B®	Anderson	Dossert	Gedney
ADR6	LA-6	KA6U	TA-6-S	—	—	—	—
ADR2	LA-2	KA2U	TA-2				
ADR11	LA-0	KA-26U	TA-0				
ADR21	LA-2/0	KA26U	TA-2/0				
ADR25	LA-250	KA29U	TA-250				
ADR30	—	KA30U	TA-300				
ADR35	LA-350	KA31U	TA-350				
ADR50	LA-500	KA34U	TA-500				
ADR60	LA-600	KA36U	TA-600				
ADR6004	—	—	TA-500S				
ADR80	LA-800	KA40U	TA-800				
ADR99	LA-1000	KA44U	TA-1000				

Type ADR ALCÜL™ — Aluminum Dual-Rated Connectors, Two Conductors, One-Hole Mount

Blackburn®	Penn Union	Burndy	Ilco/Utilco	T&B®	Anderson	Dossert	Gedney
ADR11-21	L2A-0	K2A25U	AU-0	—	—	—	—
ADR21-21	—	K2A28U	AU-2/0				
ADR25-21	L2A-250	K2A29U	AU-250				
ADR35-21	L2A-350	K2A31U	AU-350				
ADR60-21	L2A-600	K2A36U	AU-600				
ADR80-21	L2A-800	K2A40U	AU-800				

Type ADR ALCÜL™ — Aluminum Dual-Rated Connectors, Three Conductors, Two-Hole Mount

Blackburn®	Penn Union	Burndy	Ilco/Utilco	T&B®	Anderson	Dossert	Gedney
ADR02-32	—	K3A20-2	T3A2-2	—	—	—	—
ADR11-32		K3A25U2	T3A2-0				
ADR31-32		K3A27-2N	T3A2-3/0				
ADR25-32	L3A-250-2	K3A29U-2N	T3A2-250				
ADR35-32	L3A-350-2	K3A31U-2N	T3A2-350				
ADR50-32	L3A-500-2	K3A36U-2N	T3A2-500				
ADR60-32D	—	KK3A-36U-2N	T3A2-600N				
ADR80-32	L3A-800-2	K3A40U-2N	T3A2-800N				
ADR99-32	—	KK3A-44U2N	T3A2-1000N				

Type ADR ALCÜL™ — Aluminum Dual-Rated Connectors, Four Conductors, Four-Hole Mount

Blackburn®	Penn Union	Burndy	Ilco/Utilco	T&B®	Anderson	Dossert	Gedney
ADR25-44	LA4M4-250	K4A29U-4N	T4A4-250N	—	—	—	—
ADR35-44	LA4M4-350	K4A31U-4N	T4A4-350N				
ADR60-44D	LA4M4-600	KK4A36U-4N	T4A4-600N				
ADR80-44D	LA4M4-800	KK4A40U-4N	T4A4-800N				

Type ASL ALCÜL™ — Aluminum Dual-Rated Connectors, Two Conductors, One-Hole Mount

Blackburn®	Penn Union	Burndy	Ilco/Utilco	T&B®	Anderson	Dossert	Gedney
ASL30-21	PB2-300	K11A30U	PB2300	—	—	—	—

Type ASL ALCÜL™ — Aluminum Dual-Rated Connectors, Two Conductors, Two-Hole Mount

Blackburn®	Penn Union	Burndy	Ilco/Utilco	T&B®	Anderson	Dossert	Gedney
ASL60-22	PB2-600	K11A-36U-2	—	—	—	—	—
ASL75-22	PB2-750	—					

Competitive Cross Reference

Type ASL ALCÜL™ — Aluminum Dual-Rated Panelboard Lug, Three Conductors, Two-Hole Mount							
Blackburn®	Penn Union	Burndy	Ilco/Utilco	T&B®	Anderson	Dossert	Gedney
ASL60-32	—	K21A36U-2	PB3-600	—	—	—	—
Type ASR ALCÜL™ — Splice Reducers with Solid Barrier Wire Stop							
Blackburn®	Penn Union	Burndy	Ilco/Utilco	T&B®	Anderson	Dossert	Gedney
ASR0214	—	—	SPA-2	—	—	—	—
ASR1114			SPA-0				
ASR2506			SPA-250				
ASR3506			SPA-350				
ASR7525			SPA-750				

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