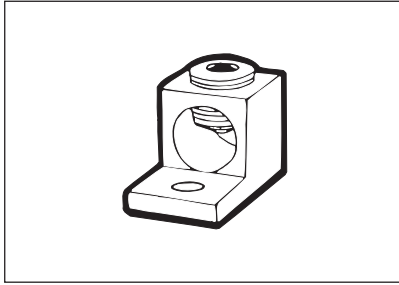


Blackburn® Dual-Rated Mechanical Connectors

MECHANICAL CONNECTORS

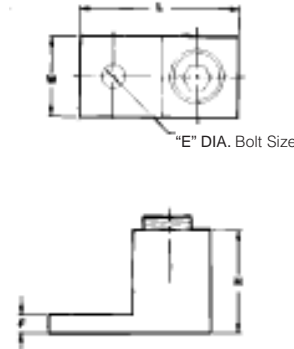
Type ADR—ALCÜL™ Single Conductor, One-Hole Mount



- For copper and aluminum conductors
- Easy installation—no special tools required
- Tin plated for low contact resistance
- U.L. 486B tested, AL9CU 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 (AL or CU)		Dimensions (in.)						
	max.	min.	L	W	H	D	E	F	G
ADR6	6 str.	14 AWG	1 ³ / ₆₄	1/2	3 ¹ / ₆₄	1 ⁵ / ₆₄	1/4	5/64	4 ³ / ₆₄
ADR2	2 str.	14 AWG	1 ⁵ / ₃₂	1/2	9/16	1 ⁹ / ₆₄	1/4	7/64	1 ¹ / ₁₆
ADR11	1/0 str.	14 AWG	1 ¹⁵ / ₃₂	5/8	2 ⁵ / ₃₂	7/16	1/4	3/16	2 ¹ / ₃₂
ADR21	2/0 str.	14 AWG	1 ¹⁵ / ₃₂	5/8	2 ⁵ / ₃₂	7/16	1/4	3/16	2 ¹ / ₃₂
ADR25	250 KCMIL	6 str.	2	1	1 ¹ / ₈	1 ⁵ / ₃₂	5/16	1/4	1
ADR30	300 KCMIL	6 str.	2	1	1 ¹ / ₈	1 ⁹ / ₃₂	5/16	1/4	1
ADR35	350 KCMIL	6 str.	2 ¹ / ₄	1 ¹ / ₈	1 ¹ / ₄	1/2	3/8	1/4	1 ¹ / ₈
ADR50	500 KCMIL	4 str.	2 ¹³ / ₁₆	1 ¹ / ₂	1 ⁹ / ₁₆	3/4	3/8	5/16	1 ¹³ / ₃₂
ADR60	600 KCMIL	2 str.	3 ³ / ₁₆	1 ¹ / ₂	1 ⁹ / ₁₆	1 ³ / ₁₆	3/8	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	3/8	5/16	1 ¹ / ₂
ADR80	800 KCMIL	300 KCMIL	3 ³ / ₈	1 ³ / ₄	1 ¹⁵ / ₁₆	7/8	5/8	1/2	1 ³ / ₄
ADR99	1000 KCMIL	500 KCMIL	3 ³ / ₈	1 ³ / ₄	1 ¹⁵ / ₁₆	7/8	5/8	1/2	1 ³ / ₄

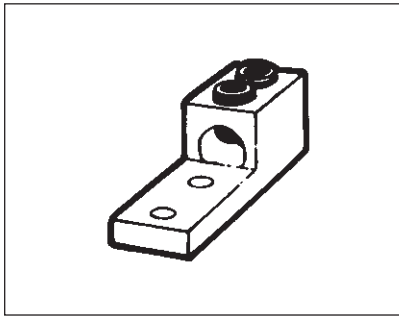
* Not U.L. or CSA Listed.



Blackburn®

Dual-Rated Mechanical Connectors

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

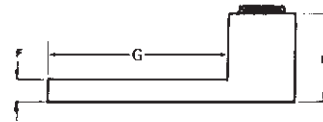
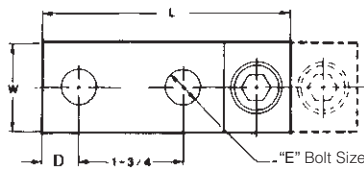


Cat. No.	Conductor Range (AL or CU)		Dimensions (in.)						
	max.	min.	L	W	H	D	E	F	G
ADR35-12*	350 KCMIL	6 str.	4¼	1¼	1⅜	⅝	½	⅝	3
ADR60-12D	600 KCMIL	2 str.	5⅝	1½	1½	⅝	½	⅜	3⅛
ADR80-12D	800 KCMIL	300 KCMIL	6⅞	1¾	1⅝	⅝	½	⅝	3⅛
ADR99-12D	1000 KCMIL	500 KCMIL	6⅞	1¾	1⅝	⅝	½	⅝	3⅛

* NEMA spacing: 1¼" centers

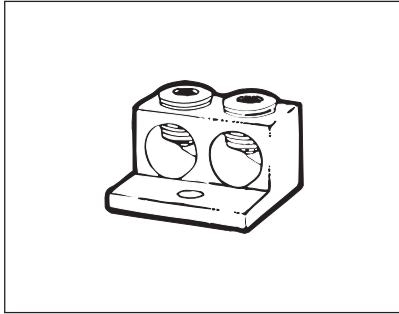
U.L. Listed.

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



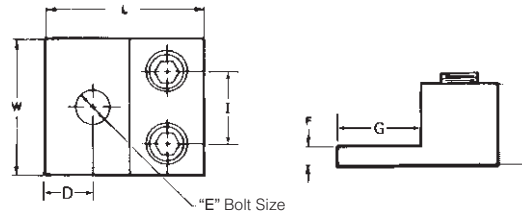
Blackburn® Dual-Rated Mechanical Connectors

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



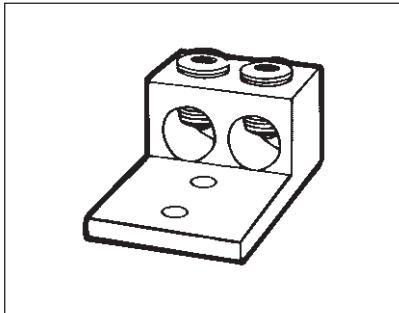
Cat. No.	Conductor Range (AL or CU)		Dimensions (in.)								
	max.	min.	L	W	H	D	E	F	G	I	
ADR11-21	1/0 str.	14 AWG	1 ¹⁵ / ₃₂	1 ¹ / ₃₂	2 ⁵ / ₃₂	7 ¹ / ₁₆	1/4	3 ¹ / ₁₆	27 ¹ / ₃₂	35 ¹ / ₆₄	
ADR21-21*	2/0 str.	14 AWG	1 ¹⁵ / ₃₂	1/4	2 ⁵ / ₃₂	27 ¹ / ₆₄	1/4	3 ¹ / ₁₆	27 ¹ / ₃₂	21 ¹ / ₃₂	
ADR25-21	250 KCMIL	6 str.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

* Not CSA Listed.
U.L. 486B
AL9CU



MECHANICAL CONNECTORS

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



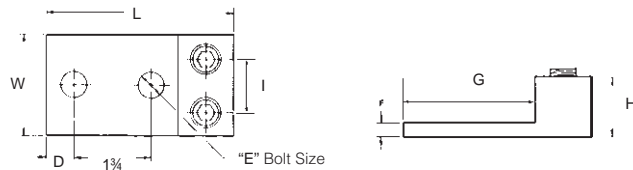
Cat. No.	Conductor Range (AL or CU)		Dimensions (in.)								
	max.	min.	L	W	H	D	E	F	G	I	
ADR35-22**	350 KCMIL	6 str.	4 ¹ / ₄	2 ¹⁹ / ₆₄	1 ³ / ₈	5/8	1/2	3 ¹ / ₁₆	3	1 ¹ / ₃₂	
ADR60-22D	600 KCMIL	2 str.	5 ⁵ / ₁₆	2 ³ / ₄	1 ¹ / ₂	5/8	1/2	3/8	3 ¹ / ₁₆	1 ¹ / ₁₆	
ADR80-22D	800 KCMIL	300 KCMIL	6 ³ / ₁₆	3 ¹ / ₂	1 ⁷ / ₈	5/8	1/2	3 ¹ / ₁₆	3 ¹ / ₁₆	1 ¹³ / ₁₆	
ADR99-22D	1000 KCMIL	500 KCMIL	6 ³ / ₁₆	3 ¹ / ₂	1 ⁷ / ₈	5/8	1/2	3 ¹ / ₁₆	3 ¹ / ₁₆	1 ¹³ / ₁₆	

* NEMA Spacing: 1³/₄" centers.

** U.L. Listed.

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

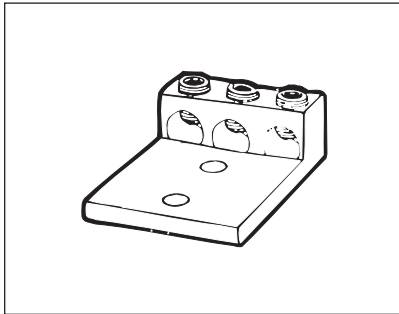
U.L. 486B, AL9CU



Blackburn®

Dual-Rated Mechanical Connectors

Type ADR — ALCUL™ Three Conductor, Two-Hole Mount**

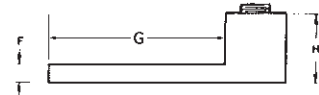
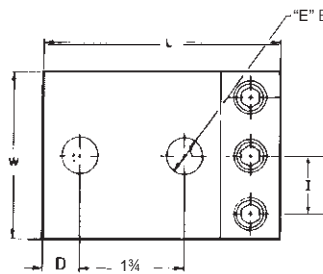


Cat. No.	Conductor Range (AL or CU)		Dimensions (in.)								
	max.	min.	L	W	H	D	E	F	G	I	
ADR02-32	2 str.	14 AWG	2 ³ / ₁₆	1 ⁵ / ₈	5/ ₈	1 ¹ / ₃₂	5/ ₁₆	3/ ₁₆	1 ¹¹ / ₁₆	9/ ₁₆	
ADR11-32	1/0 str.	14 AWG	2 ²⁹ / ₃₂	2	7/ ₈	1 ¹ / ₃₂	3/ ₈	1/ ₄	2 ⁵ / ₃₂	4 ⁵ / ₆₄	
ADR31-32*	3/0 str.	6 str.	4	2 ¹³ / ₁₆	1 ³ / ₁₆	5/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

* U.L. Listed.

** NEMA Spacing: 1³/₄" centers except ADR02-32; 7/₈" centers and ADR11-32; 1" centers. Connectors accommodating conductors 600 KCMIL and larger have double row of set screws (D suffix).

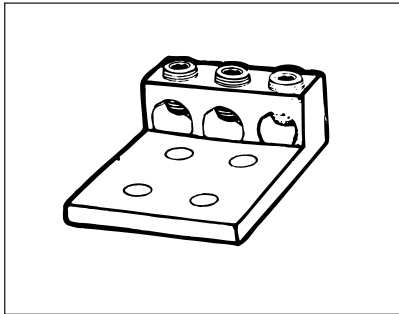
U.L. 486B, AL9CU



Blackburn® Dual-Rated Mechanical Connectors

MECHANICAL CONNECTORS

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

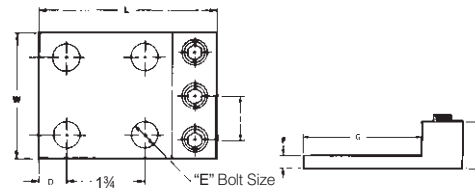


Cat. No.	Conductor Range (AL or CU)		Dimensions (in.)								
	max.	min.	L	W	H	D	E	F	G	I	
ADR02-34	2 str.	14 AWG	2 ³ / ₁₆	1 ⁵ / ₈	5 ⁸ / ₁₆	1 ¹ / ₃₂	5 ¹ / ₁₆	3 ¹ / ₁₆	1 ¹¹ / ₁₆	9 ¹ / ₁₆	
ADR11-34	1/0 str.	14 AWG	2 ²⁹ / ₃₂	2	7 ⁸ / ₁₆	1 ¹ / ₃₂	3 ⁸ / ₁₆	1 ⁴ / ₄	2 ⁵ / ₃₂	4 ⁵ / ₆₄	
ADR31-34	3/0 str.	6 str.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

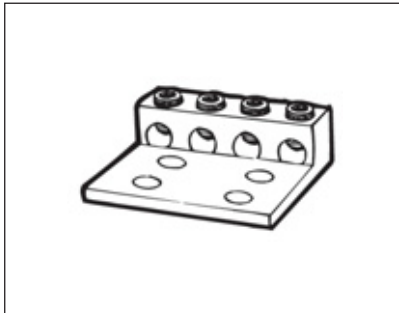
* U.L. Listed.

** NEMA Spacing: 1³/₄" centers except ADR02-34; 7⁸/₁₆" centers and ADR11-34; 1" centers. Connectors accommodating conductors 600 KCMIL and larger have double row of set screws (D suffix).

U.L. 486B
AL9CU



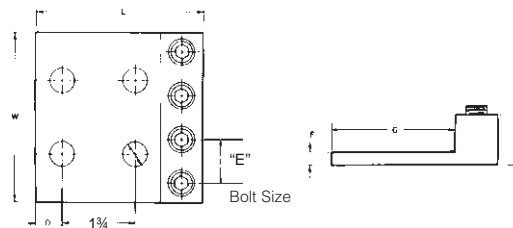
Type ADR—ALCÜL™ Four Conductor, Four-Hole Mount*



Cat. No.	Conductor Range (AL or CU)		Dimensions (in.)								
	max.	min.	L	W	H	D	E	F	G	I	
ADR25-44	250 KCMIL	6 str.	4	4 ¹ / ₁₆	1 ³ / ₁₆	5 ⁸ / ₁₆	1 ² / ₂	5 ¹ / ₁₆	3	1 ³ / ₆₄	
ADR35-44	350 KCMIL	6 str.	4 ¹ / ₄	4 ²³ / ₃₂	1 ³ / ₈	5 ⁸ / ₁₆	1 ² / ₂	5 ¹ / ₁₆	3	1 ¹ / ₃₂	
ADR60-44D	600 KCMIL	2 str.	5 ⁷ / ₁₆	5 ⁵ / ₈	1 ¹ / ₂	5 ⁸ / ₁₆	1 ² / ₂	3 ⁸ / ₈	3 ¹ / ₁₆	1 ⁷ / ₁₆	
ADR80-44D	800 KCMIL	350 KCMIL	6 ³ / ₁₆	7 ¹ / ₈	1 ⁷ / ₈	5 ⁸ / ₁₆	1 ² / ₂	9 ¹ / ₁₆	3 ⁷ / ₁₆	1 ⁹ / ₁₆	

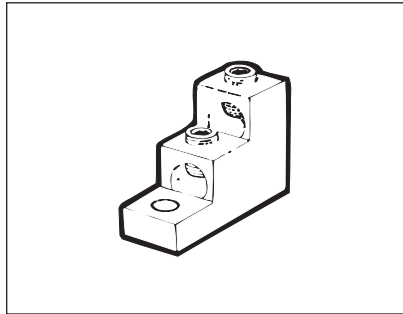
* NEMA Spacing: 1³/₄" centers.

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



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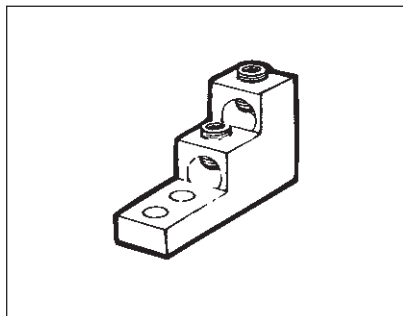
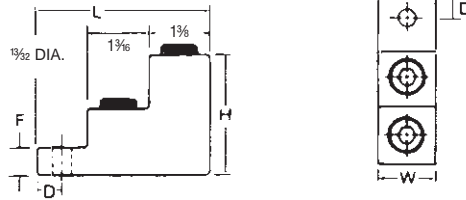
Dual-Rated Mechanical Connectors



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



Cat. No.	Conductor Range (AL or CU)		Dimensions (in.)					Mtg. Hole Dia.
	max.	min.	L	W	H	D	F	
ASL30-21	300 KCMIL	6 str.	3	1½	2	15/32	½	5/16

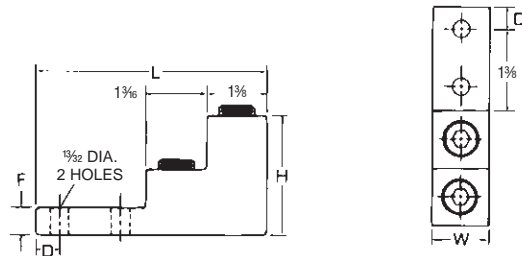


Type ASL—ALCÜL™ Two Conductor, Two-Hole Mount



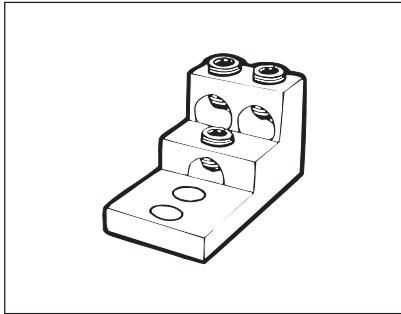
Cat. No.	Conductor Range (AL or CU)		Dimensions (in.)				
	max.	min.	L	W	H	D	F
ASL60-22	600 KCMIL	2 str.	4 ²⁹ / ₃₂	1½	3	¾	3/8
ASL75-22	600 KCMIL	3/0 str.	4 ²⁹ / ₃₂	1½	3	¾	3/8

U.L. 486B
AL9CU

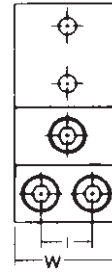
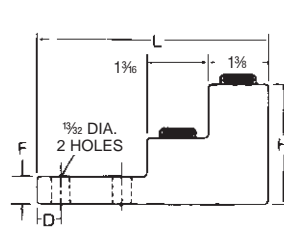


Blackburn® Dual-Rated Mechanical Connectors

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

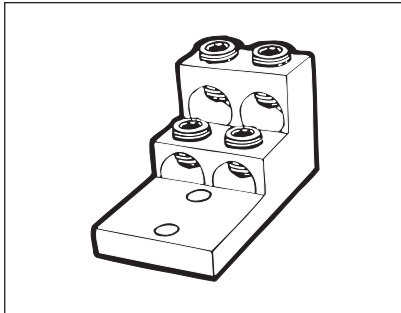


Cat. No.	Conductor Range (AL or CU)		Dimensions (in.)					
	max.	min.	L	W	H	F	D	I
ASL60-32	600 KCMIL	2 str.	4 ²⁹ / ₃₂	2½	3	¾	⅜	1½/32
ASL75-32	750 KCMIL	3/0 str.	4 ²⁹ / ₃₂	2 ²⁷ / ₂₁	3	¾	⅜	1½/16

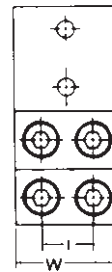
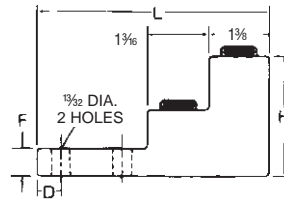


MECHANICAL CONNECTORS

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



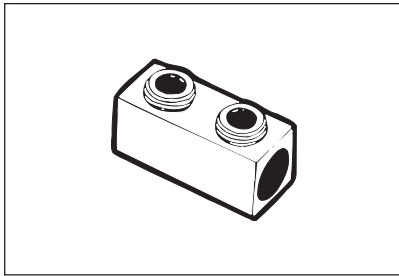
Cat. No.	Conductor Range (AL or CU)		Dimensions (in.)					
	max.	min.	L	W	H	F	D	I
ASL60-42	600 KCMIL	2 str.	4 ²⁹ / ₃₂	2½	3	¾	⅜	1½/32
ASL75-42	750 KCMIL	3/0 str.	4 ²⁹ / ₃₂	2 ²⁷ / ₂₁	3	¾	⅜	1½/16



Blackburn®

Dual-Rated Mechanical Connectors

Type ASR—ALCÜL™ Splicer Reducer with Solid Barrier Wire Stop



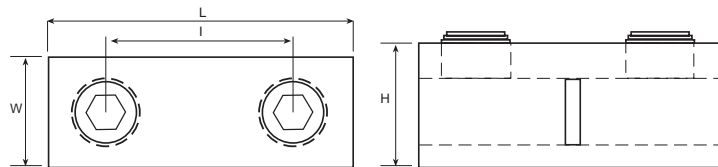
Cat. No.	Conductor Range (AL or CU)		L	Dimensions (in.)		
	max.	min.		W	H	I
ASR0214*	2 str.	14 AWG	1¼	33/64	39/64	21/32
ASR1114*	1/0 str.	14 AWG	1½	39/64	23/32	51/64
ASR2506	250 KCMIL	6 str.	2½	55/64	31/32	17/64
ASR3506	350 KCMIL	6 str.	2¾	11/32	11/8	1¼
ASR7525**	750 KCMIL	250 KCMIL	6¼	15/8	1¾	15/8

* Slotted screws

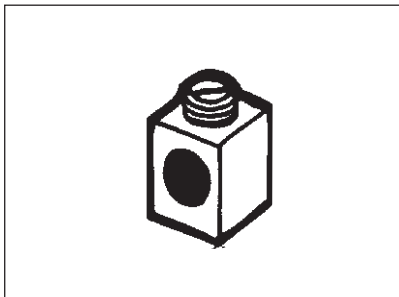
** Two set screws per end. Not CSA Certified.

U.L. 486B

AL9CU

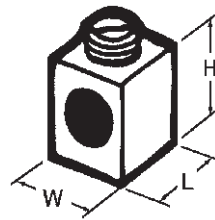


Type BX—ALCÜL™ Rectangular Connectors



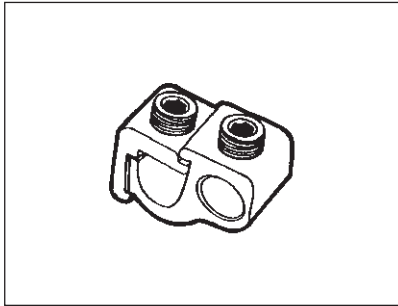
Cat. No.	Conductor Range		Style & Size of Boss	Boss Hole Tapped	Dimensions (in.)		
	max.	min.			L	W	H
BX0214	2	14CU 12AL	Square .229 in.	10-32	15/32	15/32	9/16
BX1114	1/0	14CU 12AL	Square .229 in.	10-32	5/8	17/32	39/64

- Recognized component in accordance with U.L. 486B standard—90°C rating
- Anti-rotational boss



Blackburn® Dual-Rated Mechanical Connectors

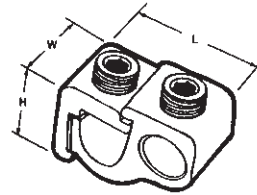
Type GP—Aluminum Dual Rated Mechanical Connectors Parallel Tap Connectors



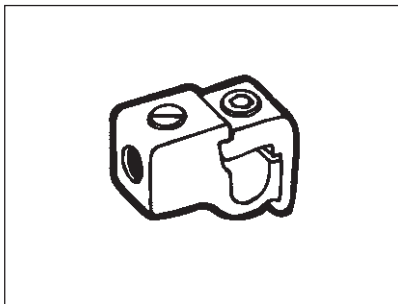
Cat. No.	Conductor Range (AL or CU)		Dimensions (in.)		
	Main	Tap	W	L	H
GP-2*	2—12 str.	4—14	5/8	1 3/8	7/8
GP-0	1/0—2	1/0—14	3/4	1 3/4	1
GP-250-0	250—1/0	1/0—14	1 1/16	2 3/32	1 5/16
GP-250	250—1/0	250—6	1 1/16	2 3/32	1 5/16
GP-350	350—4/0	350—6	1 1/4	2 3/16	1 1/16
GP-500	500—350	500—2	1 3/8	3 1/8	1 3/4
GP-750	750—500	500—2	1 1/2	3 3/8	2
GP-750-1	750—500	750—1/0	3/4	3 1/2	2

* Slotted screw, tap side.

To include insulating cover add suffix WC. No cover available for GP-750-1.



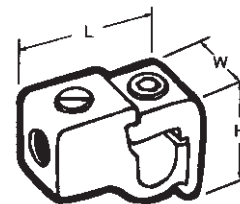
Type GT—Aluminum Dual Rated Mechanical Connectors Parallel Tap Connectors



Cat. No.	Conductor Range (AL or CU)		Dimensions (in.)		
	Main	Tap	W	L	H
GT-2*	2—12 str.	4—14	5/8	1 3/8	7/8
GT-0	1/0—2	1/0—14	3/4	1 3/4	1
GT-250-0	250—1/0	1/0—14	1 1/16	2 3/32	1 5/16
GT-250	250—1/0	250—6	1 1/16	2 3/32	1 5/16
GT-350	350—4/0	350—6	1 1/4	2 3/16	1 1/16
GT-500	500—350	500—2	1 3/8	3 1/8	1 3/4
GT-750	750—500	500—2	1 1/2	3 3/8	2

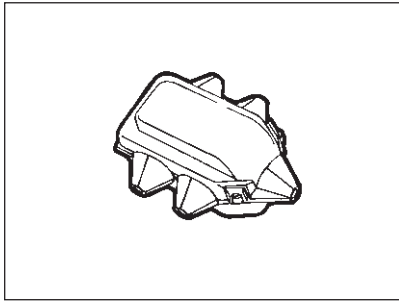
* Slotted screw, tap side.

To include insulating cover add suffix WC.



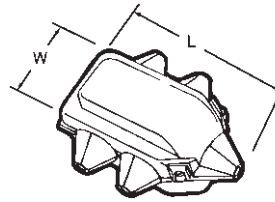
Blackburn®

Dual-Rated Mechanical Connectors



Type TC—Insulating Covers for GP-GT

Cat. No.	Colour	Dimensions (in.)			Use with Connector
		L	W	H	
TC-2	Yellow	2 $\frac{1}{8}$	1 $\frac{1}{4}$	1 $\frac{1}{16}$	GP-2, GT-2
TC-10	Grey	2 $\frac{1}{2}$	2 $\frac{13}{32}$	1 $\frac{1}{4}$	GP-0, GT-0
TC-250	Red	3 $\frac{1}{8}$	2 $\frac{17}{32}$	1 $\frac{9}{32}$	GP-250, GT-250, GP-250-0, GT-250-0
TC-350BB	Yellow	3 $\frac{1}{2}$	2 $\frac{27}{32}$	1 $\frac{1}{8}$	GP-350, GT-350
TC-500	Blue	4 $\frac{1}{4}$	3 $\frac{1}{8}$	2 $\frac{1}{16}$	GP-500, GT-500
TC-750	Orange	4 $\frac{5}{8}$	3 $\frac{7}{8}$	2 $\frac{1}{2}$	GP-750, GT-750



Tightening Torque Values for Aluminum Dual Rated Socket Screw Connectors

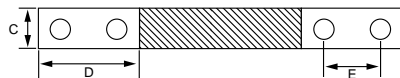
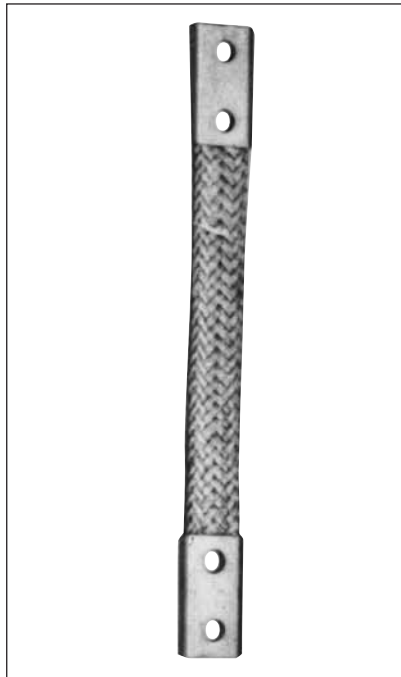
AWG or Circular Mil Size	Tightening Torque in in-lb		AWG or Circular Mil Size	Tightening Torque in in-lb	
	Screw Driver	Wrench		Screw Driver	Wrench
12	20	75	4/0	—	200
10	20	75	250	—	250
8	20	75	350	—	250
6	35	100	500	—	300
4	35	100	600	—	300
2	50	125	700	—	300
1	50	125	750	—	300
1/0	50	150	800	—	400
2/0	50	150	1000	—	400
3/0	—	200			

Blackburn® Flexible Braids



MECHANICAL CONNECTORS

Flexible Braid for Continuous Current Application



- Tin-plated copper braids and ferrules for high conductivity and corrosion resistance.
- Flexible copper braids for use in substation and grounding applications.
- Flexible braids allow for linear expansion, equipment vibration, and offset connections.

Cat. No.	Circular Mils	Bolt Hole	No. of Braids in Ferrule	Dimensions (in.)			
				Thickness	C Width	D Ferrule Length	E Distance Ctr. to Ctr.
FBB12-1*	24000	1/4	1	0.140	0.625	0.750	N/A
FBC12-1*	48000	7/16	1	0.148	1.000	1.300	N/A
FBD12-1*	76800	7/16	1	0.200	1.000	1.300	N/A
FBD12*	76800	7/16	1	0.200	1.000	2.500	1.25
FB2D12-1*	153600	7/16	2	0.250	1.250	1.500	N/A
FB2D12*	153600	7/16	2	0.250	1.250	2.500	1.25
FB3D12-1*	230400	7/16	3	0.350	1.250	1.500	N/A
FB3D12*	230400	7/16	3	0.350	1.250	2.500	1.25
FBXD12-1*	105600	9/16	1	0.250	1.250	1.500	N/A
FBXD12*	105600	9/16	1	0.250	1.250	2.500	1.25
FB2XD12-1*	211200	9/16	2	0.350	1.250	1.500	N/A
FB2XD12*	211200	9/16	2	0.350	1.250	2.500	1.25
FB3XD12-1*	316800	9/16	3	0.400	1.250	1.500	N/A
FB3XD12*	316800	9/16	3	0.400	1.250	2.500	1.25
FBE12-1*	168000	9/16	1	0.500	1.250	2.500	N/A
FBE12*	168000	9/16	1	0.250	1.250	3.500	1.75
FB2E12-1*	336000	9/16	1	0.500	1.250	2.500	N/A
FB2E12*	336000	9/16	2	0.500	1.250	3.500	1.75
FB3E12	504000	9/16	3	0.750	1.250	3.500	1.75
FB4E12	672000	9/16	4	1.000	1.250	3.500	1.75
FBF12	230400	9/16	1	0.300	1.500	3.500	1.75
FB2F12	460800	9/16	2	0.450	1.500	3.500	1.75
FB3F12	691200	9/16	3	0.600	1.625	3.500	1.75
FB4F12	921600	9/16	4	0.750	1.625	3.500	1.75
FBG12	307200	9/16	1	0.380	1.500	3.500	1.75
FB2G12	614400	9/16	2	0.630	1.625	3.500	1.75
FB3G12	921600	9/16	3	0.850	1.625	3.500	1.75
FB4G12	1228800	9/16	4	1.000	1.880	3.500	1.75

*Listed UL 467 and 486A, certified CSA C22.2 No. 41 as Grounding and Bonding Equipment.

Standard lengths offered in 6, 12, 18, 24, 30 and 36 inches (end to end).

Change the 12 in the above catalogue numbers to the desired length.

(-1) indicates 1 bolt hole per ferrule.

For grounding and bonding applications, see page 126.

For custom flexible braids, contact your Regional Sales Office.

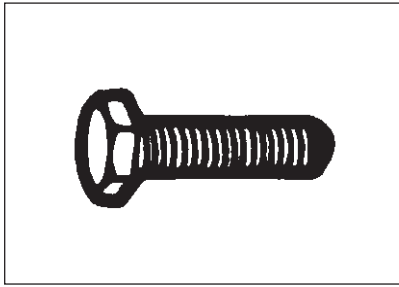
Flexible Braid in a Roll

Cat. No.	Circular Mils	Thickness (in.)	Width (in.)
FBBRL	24 000	0.140	0.625
FBCRL	48 000	0.148	1.000
FBDRRL	76 800	0.200	1.000
FBXDRL	105 600	0.250	1.250

Ferrules or lugs not included.

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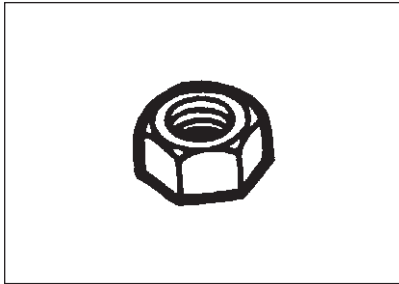
Miscellaneous Hardware



- For tin-plated silicon bronze hardware, add suffix P to Cat. Number
- Bolts 2" long or less have full thread; longer bolts have 2" of thread, except 1/4" — 20 bolts have 1/4" min. thread

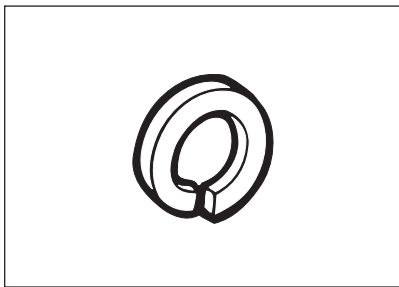
Type BB — Silicon Bronze Hardware Hex Head Bolts

Length (in.)	Cat. No. Diameter and Threads per inch			
	1/4"—20	5/16"—18	3/8"—16	1/2"—13
1	25100BB	31100BB	37100BB	50100BB
1 1/4	—	31125BB	37125BB	50125BB
1 1/2	—	31150BB	37150BB	50150BB
1 3/4	—	31175BB	37175BB	50175BB
2	—	31200BB	37200BB	50200BB
2 1/4	25225BB	31225BB	37225BB	50225BB
2 1/2	—	31250BB	37250BB	50250BB
2 3/4	—	31275BB	37275BB	50275BB
3	—	31300BB	37300BB	50300BB
3 1/4	—	—	37325BB	50325BB
3 1/2	—	—	37350BB	50350BB



Type HN — Bronze Hex Nuts

Cat. No.	Diameter and Threads per inch
14010HN	1/4—20
31010HN	5/16—18
37010HN	3/8—16
50010HN	1/2—13



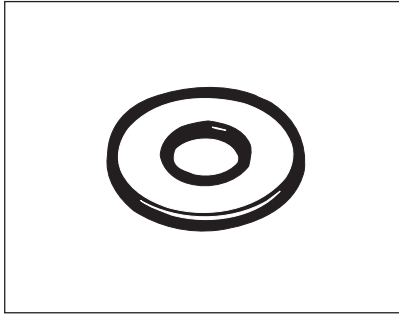
Type SW — Bronze Split Lockwashers

Cat. No.	Bolt Size (in.)
14030SW	1/4
31030SW	5/16
37030SW	3/8
50030SW	1/2

Blackburn®

Miscellaneous Hardware

MECHANICAL CONNECTORS



Type FW—Bronze Flat Washers

Cat. No.	Bolt Sizes (in.)	O.D. (in.)	I.D. (in.)	Thickness (in.)
14040FW	1/4	11/16	.260	.040
31040FW	5/16	7/8	.336	.064
37040FW	3/8	1	.395	.064
50040FW	1/2	1 1/4	.562	.091

Type BW—Belleville Washers 302 Series Stainless Steel

Cat. No.	Bolt Size (in.)	O.D. (in.)	I.D. (in.)	Thickness (in.)	Height (in.)
50050BW	1/2	1 1/8	17/32	.062	1/8