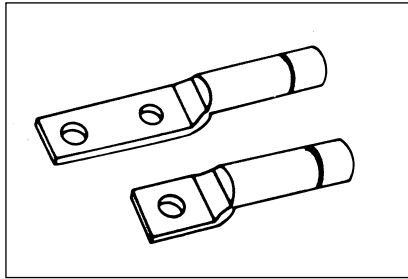


Blackburn® Distribution Compression Connectors

Type AL—Aluminum Compression Terminal Lugs

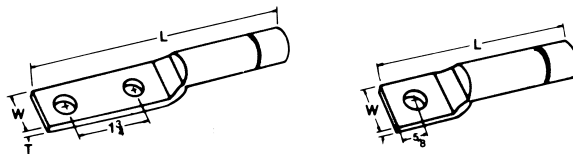


- For aluminum and copper conductor
- NEMA Standard mounting holes
- Prefilled with oxide inhibitor
- Complete die and crimp information clearly indented on each lug
- Installed with standard tools and dies
- Use ½" mounting hardware for all sizes
- Available tin plated; add suffix P to catalogue number
- Extended barrel for additional crimping area or weatherseal for outdoor terminators

COMPRESSION CONNECTORS

Cat. No.		Conductor Range					Installation Dies		Dimensions							
2 Hole (Fig. 1)	1 Hole (Fig. 2)	ACSR	AWG (Stranded)	Compact	Diameter (in.)		Mech. Tool	Hyd. Tool	W	L	T (Pad Thickness)					
					min.	max.										
AL4		2	1-2	—	.316	.332	840 K840 845 TX	840 B49EA EEI, 11A K840 249 76 CSA 24	1/4	5/8	5/16					
	AL5	1/0	1/0	2/0	.368	.398					4/8	13/32				
AL6		2/0	2/0	3/0	.414	.447					6/8	11/32				
	AL7										4/8					
AL8		3/0	3/0	4/0	.464	.502					6/8	5/16				
	AL9										4/8					
AL10		4/0	4/0	—	.522	.563					6/8	9/32				
	AL11										4/8					
AL12																
AL16		266 ^{26/7} , 6/7, 19/1	250-300	—	.574	.679					—	B80EA EEI 13A 655 1 1/8 96H CSA 26	1 1/2	7 5/8	7/16	
AL18		266 ^{26/7} , 6/7, 19/1 336 ^{18/1}	300-350	450 KCMIL	.609	.772									1 1/16	13/32
AL20		336 ^{30/7} , 26/7, 19/1 397 ^{18/1}	336-400	500 KCMIL	.666	.813									1 1/16	3/8
AL24		397 ^{30/7} , 26/7, 19/1 477 ^{18/1}	450-500	600 KCMIL	.770	.893	—	106H CSA 28 B20AH EEI 14A 318 1 1/16	1 1/16	8 5/8	1/2					
AL28		477 ^{30/7} , 26/7, 24/7 556 ^{18/1}	550 & 556	—	.846	.964										
AL32		556 ^{26/7} , 24/7 636 ^{18/1}	600 & 636	750 KCMIL	.891	.990										
AL44		636 ^{26/7} , 715 ^{54/7} 666 ^{24/7}	750-800	—	.990	1.031						—	1 1/2 6024AH 125H 301 CSA 30	1 5/8	9 1/8	
AL60*		900 ^{54/7} 954 ^{45/7}	1000-1033	—	1.151	1.165										

*For aluminum conductor only.



Thomas & Betts