Table of contents

Compression H-tap connectors

Type WR – Wide range aluminum tap connectors

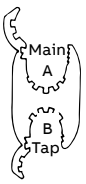
"O" and "D" die seven connector program

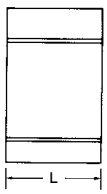
- For combinations of aluminum-aluminum and aluminum-copper conductors
- Pass the requirements of ANSI C119.4
- Standard compression tools and dies install all sizes
- Seven Connector Program provides superior connector performance, lower connection costs and simplified installation procedures
- Fold-in tabs provide positive tab interlock as tool closes
- Field-proven ribbed design provides unparalleled connector/conductor contact, without distorting the conductor's shape
- Made of 1350 aluminum alloy
- Pre-filled with an oxide inhibitor which is held captive in the rib/connection area
- For copper-to-copper combinations, use CF type shown on page 11

Type WR – Wide range aluminum tap connectors

		Conductor range (AWG or kcmil)														Installation information			
		Standard conductor						Compact conductor				Diameter (in.)						No. indents	
		Main			Tap			Main		Tap		Main		Tap					
Cat. no.	Connector no.	ACSR	Str.	Sol.	ACSR	Str.	Sol.	ACSR	Str.	ACSR	Str.	Max.	Min.	Max.	Min.	Connector length (in.)	Connector die	Mech. tool	Hyd. tool
WR159	1	2 3 4 6	1 2 3 4 6	2 3 4 6	2 3 4 6	1 2 3 4 6	2 3 4 6	2 3 4 6	1 2 3 4 6	2 3 4 6	1 2 3 4 6	0.332	0.162	0.332	0.162	1 7/16	0	4	2
WR189	2	1/0 1 2 3	2/0 1/0 1 2	3/0 2/0 1/0 1	2 3 4 6	1 2 3 4 6	1/0 1 2 3 4 6	2/0 1/0 1 2	2/0 1/0 1 2	1 2 3 4 6	1 2 3 4 6	0.419	0.266	0.332	0.162	1 11/16	0	5	2
WR289	3	2/0 1/0	3/0 2/0	4/0 3/0	2 3 4 6	1 2 3 4 6	1/0 1 2 3 4 6	3/0 2/0	30	1 2 3 4 6	1 2 3 4 6	0.470	0.398	0.332	0.162	1 13/16	D	5	2
WR279	4	2/0 1/0	3/0 2/0 1/0	4/0 3/0 2/0	2/0 1/0 1	3/0 2/0 1/0	3/0 2/0	3/0 2/0 1/0	3/0 2/0 1/0	3/0 2/0 1/0	3/0 2/0 1/0	0.470	0.336	0.470	0.36	1 13/16	D	5	2
WR379	5	4/0 3/0	4/0	–	2 3 4 6	1 2 3 4 6	1/0 1 2 3 4 6	266[18]/1 250 4/0	266 250 4/0	1 2 3 4 6	1 2 3 4 6	0.563	0.475	0.332	0.162	1 13/16	D	5	2
WR399	6	4/0 3/0	4/0 3/0	–	2/0 1/0 1	2/0 1/0	3/0 2/0	266[18]/1 4/0 3/0	266 250 4/0	2/0 1/0	3/0 2/0 1/0	0.563	0.461	0.447	0.338	2 3/16	D	6	2
WR419	7	4/0 3/0	4/0 3/0	–	4/0 3/0	4/0 3/0	–	266[18]/1 4/0 3/0	266 250 4/0	266-18/1 4/0 3/0	266 250 4/0	0.563	0.461	0.563	0.461	2 7/16	D	7	3

Diagrams





Compression H-tap connectors

Type WR – Wide range aluminum tap connectors

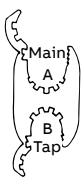
Supplemental "O" and "D" die seven connector program

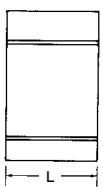
- For combinations of aluminum-aluminum and aluminum-copper conductors
- Pass the requirements of ANSI C119.4
- Standard compression tools and dies install all sizes
- Seven Connector Program provides superior connector performance, lower connection costs and simplified installation procedures
- Fold-in tabs provide positive tab interlock as tool closes
- Field-proven ribbed design provides unparalleled connector/conductor contact, without distorting the conductor's shape
- Made of 1350 aluminum alloy
- Pre-filled with an oxide inhibitor which is held captive in the rib/connection area
- For copper-to-copper combinations, use CF type shown on page 11

Type WR – Wide range aluminum tap connectors

	Conductor range (AWG or kcmil)														Installation information		
	Standard conductor						Compact conductor				Diameter (in.)					No. indents	
		Main			Tap			Main		Tap	Main		Tap				
Cat. no.	ACSR	Str.	Sol.	ACSR	Str.	Sol.	ACSR	Str.	ACSR	Str.	Max.	Min.	Max.	Min.	Connector length (in.)	Connector die	Mech. tool	Hyd. tool
WR149	4 6	3 4 6	2 3 4 6	4 6	3 4 6	2 3 4 6	4 6	2 3 4 6	3 4 6	2 3 4 6	0.266	0.162	0.266	0.162	1½	0	5	2
WR179	1/0 1 2 3	1/0 1 2	1	4 6	3 4 6	2 3 4 6	1/0 1 2	2/0 1/0 1 2	4 6	2 3 4 6	0.398	0.266	0.266	0.162	1¾	0	5	2
WR199	1/0 1 2 3	1/0 1 2	1	2 3 4	1 2 3 4	1 2		2/0 1/0 1 2	1 2 3 4	1 2	0.398	0.066	0.332	0.232	1¾	0	5	2
WR1010	1/0 1 2 3 4	2/0 1/0 1 2 3 4	1 2	1/0 1 2 3 4	2/0 1/0 1 2 3 4	1 2	2/0 1/0 1 2 3 4	2/0 1/0 1 2	2/0 1/0 1 2 3 4	2/0 1/0 1 2	0.419	0.232	0.419	0.232	1¾	0	4	2
WR259	1/0 1	2/0 1/0	–	1/0 1	2/0 1/0	–	2/0 1/0	2/0 1/0	2/0 1/0	2/0 1/0	0.419	0.326	0.412	0.292	1⅞	D	5	2
WR299	2/0 1/0	3/0 2/0	–	4 6	3 4 6	2 3 4 6	3/0 2/0	3/0	4 6	2 3 4 6	0.470	0.398	0.266	0.162	1½	D	4	2
WR219	1/0 1	1/0 1	–	1/0 1 2	1/0 1	–	1/0	2/0 1/0	1/0	2/0 1/0	0.398	0.324	0.398	0.316	1⅞	D	5	2
WR239	2/0 1/0	2/0 1/0	–	2 3 4	1 2 3	1 2	2/0 1/0	4/0 3/0	1 2 3 4	1 2	0.447	0.365	0.332	0.236	1⅞	D	5	2
WR229	2/0	3/0 2/0	–	1/0 1 2	1/0 1	–	3/0 2/0	3/0	1/0 1	2/0 1/0	0.470	0.410	0.398	0.316	1⅞	D	5	2
WR269	2/0	2/0	–	2/0 1/0	2/0 1/0	–	2/0	3/0	2/0 1/0	3/0 2/0 1/0	0.447	0.410	0.447	0.336	1⅞	D	5	2

Diagrams





Products on this page are not CSA applicable.

Compression H-tap connectors

Type WR – Wide range aluminum tap connectors

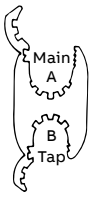
Supplemental "O" and "D" die seven connector program

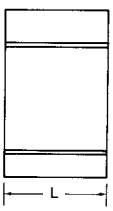
- For combinations of aluminum-aluminum and aluminum-copper conductors
- Pass the requirements of ANSI C119.4
- Standard compression tools and dies install all sizes
- Seven Connector Program provides superior connector performance, lower connection costs and simplified installation procedures
- Fold-in tabs provide positive tab interlock as tool closes
- Field-proven ribbed design provides unparalleled connector/conductor contact, without distorting the conductor's shape
- Made of 1350 aluminum alloy
- Pre-filled with an oxide inhibitor which is held captive in the rib/connection area
- For copper-to-copper combinations, use CF type shown on page 11

Type WR – Wide range aluminum tap connectors

	Conductor range (AWG or kcmil)														Connector length (in.)	Installation information		
	Standard conductor*						Compact conductor				Diameter (in.)						No. indents	
	Main			Tap			Main		Tap		Main		Tap					
Cat. no.	ACSR	Str.	Sol.	ACSR	Str.	Sol.	ACSR	Str.	ACSR	Str.	Max.	Min.	Max.	Min.		Connector die	Mech. tool	Hyd. tool
WR319	3/0	3/0	–	2 3 4	1 2 3 4	1 2	3/0	4/0	1 2 3 4	1 2	0.502	0.461	0.332	0.229	1⅞	D	5	2
WR339	3/0	3/0	–	2/0 1/0 1	2/0 1/0	–	3/0	4/0	2/0 1/0	3/0 2/0 1/0	0.502	0.461	0.447	0.336	2⅛	D	6	2
WR359	4/0 3/0	4/0 3/0	–	4 6	3 4 6	2 3 4 6	266 4/0 3/0	266 250 4/0	1/0 1 2	1/0 1 2	0.563	0.461	0.266	0.162	1⅞	D	4	2
WR369	4/0 3/0	4/0 3/0	–	1 2 3 4	1/0 1 2 3	1	266 4/0 3/0	266 250 4/0	1/0 1 2	1/0 1 2	0.563	0.461	0.374	0.266	1⅞	D	4	2
WR369**	4/0 3/0 2/0	4/0 3/0	–	1/0 1 2 3 4	1/0 1 2 3 4	1/0 1 2	266 4/0 3/0	266 250 4/0 3/0	1/0 1 2 3 4	1/0 1 2	0.63	0.423	0.3763	0.232	1⅞	D	5	2
WR389	4/0 3/0	4/0 3/0	–	2/0 1/0	3/0 2/0	–	266 4/0 3/0	266 250 4/0	3/0 2/0	3/0 2/0	0.563	0.461	0.470	0.376	2 3/16	D	6	2
WR389**	4/0 3/0 2/0	4/0 3/0	–	2/0 1/0 1	3/0 2/0 1/0	–	266 4/0 3/0	266 250 4/0	3/0 2/0 1/0	3/0 2/0 1/0	0.563	0.423	0.470	0.336	2 3/16	D	6	2

Diagrams





*Will accept conductors of these same wire sizes with a 3% reduction of diameter (compressed).
**This range possible only when crimped with hydraulic tool TBM14M or JB12B.
Products on this page are not CSA applicable.

Compression H-tap connectors

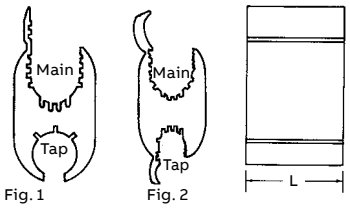
Type WR – Wide range aluminum tap connectors “N” die for hydraulic tools, 12-ton and greater

- For combinations of aluminum-aluminum and aluminum-copper conductors
- Pass the requirements of ANSI C119.4
- Standard compression tools and dies install all sizes
- Seven Connector Program provides superior connector performance, lower connection costs and simplified installation procedures
- Fold-in tabs provide positive tab interlock as tool closes
- Field-proven ribbed design provides unparalleled connector/conductor contact, without distorting the conductor’s shape
- Made of 1350 aluminum alloy
- Pre-filled with an oxide inhibitor which is held captive in the rib/connection area
- For copper-to-copper combinations, use CF type shown on page 11

Type WR – Wide range aluminum tap connectors “N” die for hydraulic tools, 12-ton and greater

	Conductor range (AWG or kcmil)														Installation information	
	Standard conductor*						Compact conductor				Diameter (in.)					
	Main			Tap			Main		Tap		Main		Tap			
Cat. No.	ACSR		Str.	ACSR	Str.	Sol.	ACSR	Str.	ACSR	Str.	Max.	Min.	Max.	Min.	Con-nector length (in.)	For use with tool	No. of in-dents
WR715	397[18]/1 336 266	400 397 350 336	300 266 250	2/0 1/0 1 2 3 4 6	2/0 1/0 1 2 3 4 6	3/0 3 2/0 4 1/0 6 1 2	477 397 336	500 477 394 350	2/0 3/0 1/0 2/0 1 1/0 2 1 3 2 4 6	3 4 6	0.753	0.520	0.447	0.162	2	TBM12, JB12B et Y-35	2
WR775	397[18]/1 336 266	400 397 350 336 30	0 266 250 4/0	397[18]/1 336 266 4/0	400 300 397 266 350 250 336 4/0	–	477 397 336 266	500 336 400 300 397 266 350 250	477 500 397 400 336 397 266 336	300 266 250	0.743	0.520	0.743	0.520	3	TBM12, JB12B et Y-35	3
WR815	477[18]/1 397 336 266 4/0	556 500 400 397	350 336 300 266 250	2/0 1/0 1 2 3 4 6	400 300 397 266 350 250 336 4/0	3/0 1 2/0 2 1/0 3 4 6	556 477 397 350 336 266	556 336 477 266 397 250 350	2/0 3/0 1/0 2/0 1 1/0 2 1 3 2 4 6	3 4 6	0.858	0.520	0.447	0.162	2	TBM12, JB12B et Y-35	2
WR835	477[18]/1 397 336 266 4/0	556 500 400 397	350 336 300 266 250	4/0 3/0 2/0 1/0	4/0 3/0 2/0 1/0	4/0 3/0 2/0	556 477 397 350 336 266	556 336 500 300 400 266 397 250 350	266 250 4/0 4/0 3/0 3/0 2/0	3 4 6	0.858	0.520	0.563	0.368	2	TBM12, JB12B et Y-35	2
WR875**	477[18]/1 397 336 266 4/0	556 500 400 397	350 336 300 266 250	477[18]/1 266	350 336 300 266 250	397 366	556 477 397 350 336 266	556 336 500 300 400 266 397 250 350	397 400 336 397 266 350 336	300 266 250	0.858	0.520	0.684	0.520	3	TBM12, JB12B et Y-35	3
WR885	477[18]/1 397 336 266 4/0	500 400 397 350 336	300 266 250 4/0	477[18]/1 397 336 266 4/0	500 300 400 266 397 250 350 4/0	397 366	556 477 397 350 336 266	556 336 500 300 400 266 397 250 350	556 556 477 477 394 397 336 350 266 336	300 266 250	0.814	0.520	0.814	0.520	3	TBM12, JB12B et Y-35	3

Diagrams



* Will accept conductors of these same wire sizes with a 3% reduction of diameter (compressed). ** Not reversible (Fig. 2).
Products on this page are not CSA applicable.

Compression H-tap connectors

Type WR – Wide range aluminum tap connectors “N” die for hydraulic tools, 10-ton and greater

- For combinations of aluminum-aluminum and aluminum-copper conductors
- Pass the requirements of ANSI C119.4
- Standard compression tools and dies install all sizes
- Seven Connector Program provides superior connector performance, lower connection costs and simplified installation procedures
- Fold-in tabs provide positive tab interlock as tool closes
- Field-proven ribbed design provides unparalleled connector/conductor contact, without distorting the conductor’s shape
- Made of 1350 aluminum alloy
- Pre-filled with an oxide inhibitor which is held captive in the rib/connection area
- For copper-to-copper combinations, use CF type shown on page 11

Type WR – Wide range aluminum tap connectors “N” die for hydraulic tools, 10-ton and greater

	Conductor range (AWG or kcmil)															Installation information	
	Standard conductor*						Compact conductor					Diameter (in.)					
	Main			Tap			Main			Tap		Main		Tap			
Cat. no.	ACSR		Str.	ACSR	Str.	Sol.	ACSR		Str.	ACSR	Str.	Max.	Min.	Max.	Min.	Con-nector length (in.)	For use with tool	No. of in-dents
WR699	397[18/1] 336 266	400 397 350 336	300 266 250	4 6	3 4 6	2 3 4 6	477 397 350 336	477 397 350	336 300	4 6	2 3 4 6	0.743	0.570	0.266	0.162	2	TBM12, JB12B and 13642M	2
WR719	397[18/1] 336 266	400 397 350 336	300 266 250	2/0 1/0 1 2 3	2/0 1/0 1 2	3/0 2/0 1/0 1	477 397 350 336	477 397 350	336 300	2/0 1/0 1 2	3/0 2/0 1/0 1 2	0.743	0.570	0.447	0.289	2	TBM12, JB12B and 13642M	2
WR739	397[18/1] 336 266	400 397 350 336	300 266 250	4/0 3/0 2/0 1/0	4/0 3/0 2/0	4/0	477 397 350 336	477 397 350	336 300	266 4/0 3/0	266 250 4/0	0.743	0.570	0.563	0.398	2	TBM12, JB12B and 13642M	2
WR779	397[18/1] 336 266	400 397 350 336	300 266 250	397[18/1] 336 266	400 397 350	336 266 250	477 397	477 397 350 336	477 397 350	336 300	477 397 336	477 397 336	0.743	0.570	0.743	0.570	3	TBM12, JB12B and 13642M	3
WR799	477[18/1] 266		500 250	4 6	3 4 6	2 3 4 6	477[18/1] 250		500 250	3 4 6	2 3 4 6	0.814	0.575	0.270	0.160	2	TBM12, JB12B and 13642M	2
WR819	477[18/1] 397 336	556 500 477 450	400 397 350 336	2/0 1/0 1 2 3	2/0 1/0 1 2	3/0 2/0 1/0 1	556 477 397		556 477 397	2/0 1/0 1 2	3/0 2/0 1/0 1 2	0.858	0.659	0.477	0.289	2	TBM12, JB12B and 13642M	2
WR839	477[18/1] 397 336	556 500 477 450	400 397 350 336	4/0 3/0 2/0	4/0 3/0	4/0	556 477 397		556 477 397	266 4/0 3/0	266 250 4/0	0.858	0.659	0.563	0.477	2	TBM12, JB12B and 13642M	2
WR879**	477[18/1] 397 336	556 500 477 450	400 397 350 336	336[18/1] 266	350 336 300 266	397	556 477 397		556 477 397	397 336	397 350 336	0.858	0.659	0.684	0.593	2	TBM12, JB12B and 13642M	3
WR889	477[18/1] 397 336		500 400 397 350 336	477[18/1] 397 336	500 400 397 350 336	–	556 477 397 336		556 477 397 350	556 477 397 336	556 477 397 350	0.814	0.666	0.814	0.666	2	TBM12, JB12B and 13642M	3

Diagrams

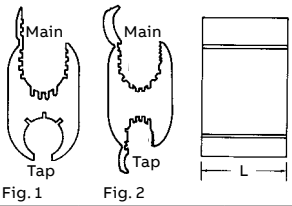


Fig. 1 Fig. 2

*Will accept conductors of these same wire sizes with a 3 % reduction of diameter (compressed). **Not reversible (Fig. 2).
Products on this page are not CSA applicable.

Compression H-tap connectors

Type WR – Wide range aluminum tap connectors “R” die seven connector program

- For combinations of aluminum-aluminum and aluminum-copper conductors
- Pass the requirements of ANSI C119.4
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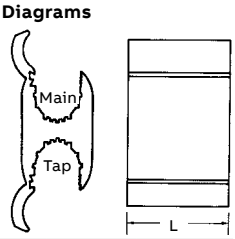
- Pre-filled with an oxide inhibitor which is held captive in the rib/connection area
- For copper-to-copper combinations, use CF type shown on page 11

Type WR – Wide range aluminum tap connectors “R” die seven connector program

	Calibres de conducteurs (AWG ou kcmil)														Installation information		
	Standard conductor						Compact conductor				Diameter (in.)						
	Main			Tap			Main		Tap		Main		Tap				
Cat. no.	ACSR		Str.	ACSR		Str.	ACSR	Str.	ACSR	Str.	Max.	Min.	Max.	Min.	Connector length (in.)	For use with tool	Connector die	No. of indents
WR909	556[18]/1 477 397 336 300	600 556 550 500 400 477	450 400 397 350 336	336[1]/61 266 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	397½ 336 266 4/0 3/0 2/0	397 350 336 300 266 250 4/0 3/0	0.893	0.666	0.684	0.398	4¾	TBM15I (15620)	R	4
WR929	556[18]/1 477 397 336 300	600 556 550 500 400 477	450 400 397 350 336	556[18]/1 477 397 336 300	600 556 550 500 477	450 400 397 350 336	636 556 477 397	700 636 556 500 477 450	636 556 477 397	700 636 556 477 450	0.893	0.666	0.893	0.666	4¾	TBM15I (15620)	R	4
WR949	795[26]/7 715 666 636 606 556 477[30]/7	900 874 800 795 750	715 700 636 600	336[18]/1 266 4/0 3/0 2/0 1/0		350 336 266 250 4/0 3/0 2/0	954 874 795	1,000 954 874 795 750	397[18]/1 336 266 4/0 3/0 2/0	397 350 336 300 266 250 4/0 3/0	1.108	0.883	0.684	0.398	4¾	TBM15I (15620)	R	4
WR969	795[26]/7 715 666 636 606 556 477[30]/7	900 874 800 795 750	715 700 636 600	556[18]/1 477 397 336 300	600 556 550 500 477	450 400 397 350 336	954 874 795	1,000 954 874 795 750	636 556 477 397	700 363 556 477 450	1.108	0.883	0.893	0.666	4¾	TBM15I (15620)	R	4
WR989	795[26]/7 715 666 636 606 556 477[30]/7	900 874 800 795 750	715 700 636 600	795[26]/7 715 666 636 605 556 477[30]/7	900 874 800 795 750	715 700 636 600	954 874 795	1,000 954 874 795 750	954 874 795	1,000 954 874 795 750	1.108	0.883	1.108	0.883	4¾	TBM15I (15620)	R	4
WR999	954[45]/7 900 874 795 715 666	1,033 1,000 900 800 795 750	1,033 1,000 900 800 795 750	954[45]/7 900 874 7985 715 666		1,033 1,000 900 800 795 750	954 900	1,000 900	954 900 874	1,000 900	1.172	0.997	1.172	0.997	4¾	TBM15I (15620)	R	4

Diagrams



Les produits listés sur cette page ne sont pas certifiés CSA.

Compression H-tap connectors

Type WR – Street lighting compression connectors

Type WR – Street lighting compression connectors

		Conductor range (AWG or kcmil)													Installation information		
		Standard conductor							Diameter (in.)								
			Main		Tap A		Tap B		Main		Tap A		Tap B			No. of indents	
Cat. no.	Figure no.	ACSR	Str.	Sol.	Str.	Sol.	Str.	Sol.	Max.	Min.	Max.	Min.	Max.	Min.	Connector length (in.)	For use with tool	Mech. tool	Hyd. tool
WR9**	2	3 4 6	2 3 4 6	1 2 3 4	8 10 12 14	8 10 12 14	–	–	0.292	0.184	0.146	0.064	–	–	13/16	5/8 BG	3	–
WR13 9	1	1/0 1 2 3 4	2/0 1/0 1 2 3	1 2	8 10	6 8 10	12 14	12 14	0.419	0.250	0.162	0.100	0.092	0.064	1½	0	4	2
WR502	1	4/0 3/0	4/0 3/0	–	8 10	6 8 10	12 14	12 14	0.563	0.461	0.162	0.100	0.092	0.064	1½	D	4	–
WR502*	1	4/0 3/0 2/0 1/0	4/0 3/0 2/0 1/0	–	8 10	6 8 10	12 14	12 14	0.563	0.365	0.162	0.100	0.092	0.064	1½	D	–	2

Diagrams

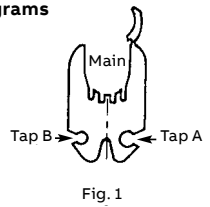


Fig. 1

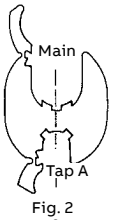
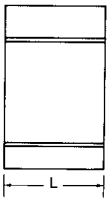


Fig. 2



Will accept conductors of these same wire sizes with a 3% reduction of diameter (compressed).
* This range possible only when crimped with hydraulic tool TBM14M or JB12B.
** CSA certified.
Products on this page are not CSA applicable.

Compression H-tap connectors

Type CF – Copper compression tap connectors

- For tapping copper conductors to unbroken main copper conductors
- Extruded pure electrolytic copper
- Full length tab for easy installation
- Efficient design for lower crimping force
- Standard compression tools and dies
- Single and double tab designs

Type CF – Copper compression tap connectors

		Conductor range (AWG or kcmil)								Dimensional information			Installation information						
		Standard conductor*				Diameter (in.)*							Mechanical tools***			Hydraulic tools***			
		Main A		Tap B		Main A		Tap B											
Cat. no.	Figure no.	ACSR	Str.	Sol.	Str.	Max.	Min.	Max.	Min.	H (Min.)	H 1	Connector length (in.)	OD 58	Type 0	MD Series	JB12B	H Series	Y-35	TBM15/ Y45/Y46
CF44-1	1	4 6	6	4 6 8	6	0.204	0.162	0.204	0.128	0.971	0.729	13/16	B, T 5/8	B, T 5/8	W-KB W-BG	HBKT	B	HBKT U-BG	HBKT U-BG
CFS44-1	2	4 6	6	4 6 8	8	0.204	0.162	0.204	0.128	0.864	0.743	13/16	B, T 5/8	B, T 5/8	W-KB W-BG	HBKT	HBKT	HBKT U-BG	HBKT U-BG
CF22-1	1	2 4	4	2 4	4	0.258	0.204	0.258	0.204	1.162	0.813	13/16	K	K	W-KK	–	–	–	HBKT
CFS22-1	2	2 4	4	2 6	6	0.258	0.204	0.258	0.162	1.017	0.842	13/16	K	K	W-KK	HBKC	HBKT	HBKT	HBKT
CF102-1	1	–	1/0 1 2	2 4 6	4	0.373	0.292	0.258	0.162	1.540	1.100	27/32	–	–	–	0	0	0	0
CF1010-1	1	–	1/0 1 2	–	1/0 1 2	0.373	0.292	0.373	0.292	1.610	1.050	27/32	–	–	–	0	0	0	0
CF202-1	1	–	2/0 1/0	–	2/0 1/0 1 2	0.419	0.368	0.259	0.204	1.670	1.269	7/8	–	–	–	K-C	C	K-C	BK-C
CF2020-1	1	–	2/0 1/0	–	2/0 1/0 1 2	0.419	0.368	0.414	0.292	1.740	1.220	7/8	–	–	–	K-C	C	K-C	BK-C
CF402-1	1	–	4/0 3/0 2/0	2 4	4	0.528	0.414	0.259	0.204	1.983	1.423	1 1/8	–	–	–	D**	D**	D**	D**
CF4010-1	1	–	4/0 3/0 2/0	–	1/0 1 2	0.528	0.414	0.373	0.292	1.992	1.423	1 1/8	–	–	–	D**	D**	D**	D**
CF4040-1	1	–	4/0 3/0 2/0	–	4/0 3/0 2/0	0.528	0.414	0.528	0.414	2.252	1.483	1 1/8	–	–	–	D**	D**	D**	D**

Diagrams

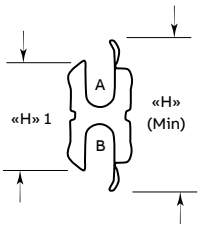


Fig. 1

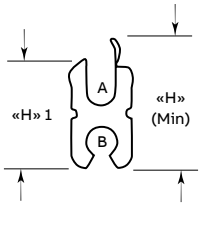


Fig. 2

*Decimal dimensions are for conventional conductor, not Copperweld or Alumoweld.
**Blackburn "D" dies.
***Three indents with mechanical tools and one indent with hydraulic tools. 15-Ton/head use appropriate die adapters.

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
- Install 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 weather-seal for outdoor terminators

Type AL – Aluminum compression terminal lugs

Cat. no.		Conductor range (AWG or kcmil)					Installation dies		Dimensions (in.)		
					Diameter (in.)						
2 hole (fig. 1)	1 hole (fig. 2)	ACSR	AWG (stranded)	Compact	Min.	Max.	Mech. tool	Hyd. tool	W	L	T (pad thickness)
AL4	–	2	1–2	–	0.316	0.332	840 K840 845 TX	840 B49EA EEI, 11A K840 249 76 CSA 24	1 1/4	5 7/8	5/16
–	AL5	1/0	1/0	2/0	0.368	0.398			1 1/4	4 7/8	13/32
AL6	–	1/0	1/0	2/0	0.368	0.398			1 1/4	6 5/8	13/32
–	AL7	2/0	2/0	3/0	0.414	0.447			1 1/4	4 7/8	11/32
AL8	–	2/0	2/0	3/0	0.414	0.447			1 1/4	6 5/8	11/32
–	AL9	3/0	3/0	4/0	0.464	0.502			1 1/4	4 7/8	5/16
AL10	–	3/0	3/0	4/0	0.464	0.502			1 1/4	6 5/8	5/16
–	AL11	4/0	4/0	–	0.522	0.563			1 1/4	4 7/8	9/32
AL12	–	4/0	4/0	–	0.522	0.563			1 1/4	6 5/8	9/32
AL16		266 26/7, 6/7, 18/1	250–300	–	0.574	0.679	–	B80EA EEI 13A 655 1 1/8 96H CSA 26	1 1/2	7 5/8	7/16
AL18		266 26/7, 6/7, 18/1, 336 18/1	300–350	450 kcmil	0.609	0.772	–		1 9/16	7 5/8	13/32
AL20		336 30/7, 26/7, 18/1, 397 18/1	336–400	500 kcmil	0.666	0.813	–		1 9/16	7 5/8	3/8
AL24		397 30/7, 26/7, 18/1, 477 18/1	450–500	600 kcmil	0.770	0.893	–	106H CSA 28 B20AH EEI 14A 318 1 5/16	1 5/16	8 1/8	1/2
AL28		477 30/7, 26/7, 18/1, 556 18/1	550 and 556	–	0.846	0.964	–		1 5/16	8 1/8	1/2
AL32		556 26/7, 24/7, 636 18/1	600 and 636	750 kcmil	0.891	0.990	–		1 5/16	8 1/8	1/2
AL44		636 26/7, 715 54/7, 666 24/7	750–800	–	0.990	1.031	–				1/2
AL60*		922 54/7, 954 45/7	1,000–1,033	–	1.151	1.165	–				1/2

Diagrams

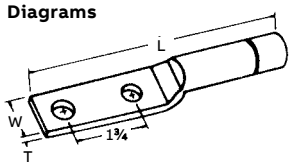


Fig. 1

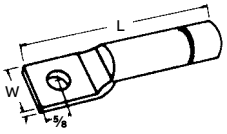


Fig. 2

* For aluminum conductor only

Distribution compression connectors

Type ALS – 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
- Install with standard tools and dies
- Use ½" mounting hardware for all sizes
- Available tin plated (add suffix P to catalogue number)

Type ALS – Aluminum compression terminal lugs

Cat. no.		Conductor range (AWG or kcmil)					Installation dies		Dimensions (in.)		
					Diameter (in.)						
2 hole (fig. 1)	1 hole (fig. 2)	ACSR	AWG (stranded)	Compact	Min.	Max.	Mech. tool	Hyd. tool	W	L	T (pad thickness)
–	AL581	4	4	–	0.277	0.213	5/8 Peach BG WBG G TU	B58CS U-BG	29/32	2 37/64	1/4
AL582	–	4	4	–	0.277	0.213			29/32	4 37/64	1/4
–	AL583	2	2	–	0.344	0.290			29/32	2 37/64	1/4
AL584	–	2	2	–	0.344	0.290			29/32	4 37/64	1/4
–	AL585	1/0	1/0	2/0	0.422	0.381			29/32	2 37/64	1/4
AL586	–	1/0	1/0	2/0	0.422	0.381			29/32	4 37/64	1/4
–	ALS1	4	4, 2 Solid	4	0.258	0.232	840 K840 845 TX	840 B49EA EEI 11A K840 249 76 CSA24	29/32	3 1/4	1/4
ALS2	–	4	4, 2 Solid	4	0.258	0.232			1 1/4	5 3/4	1/4
–	ALS3	2	1–2	1–2	0.332	0.316			29/32	3 1/4	1/4
ALS4	–	2	1–2	1–2	0.332	0.316			1 1/4	5 3/4	1/4
–	ALS5	1/0	1/0	2/0	0.398	0.368			29/32	3 1/4	1/4
ALS6	–	1/0	1/0	2/0	0.398	0.368			1 1/4	5 3/4	1/4
–	ALS7	2/0	2/0	3/0	0.447	0.414			29/32	3 1/4	1/4
ALS8	–	2/0	2/0	3/0	0.447	0.414			1 1/4	5 3/4	1/4
–	ALS9	3/0	3/0	4/0	0.502	0.464			29/32	3 1/4	1/4
ALS10	–	3/0	3/0	4/0	0.502	0.464			1 1/4	5 3/4	1/4
–	ALS11	4/0	4/0	–	0.563	0.522			29/32	3 1/4	1/4
ALS12	–	4/0	4/0	–	0.563	0.522			1 1/4	5 3/4	1/4
–	ALS13	3/0, 4/0	3/0, 4/0, 250 kcmil	250, 300 kcmil	0.575	0.464	–	B80EA EEI 13A 655 1 1/8 321 96H CSA 26	1 1/4	4 5/8	3/8
ALS14	–	3/0, 4/0	3/0, 4/0, 250 kcmil	250, 300 kcmil	0.575	0.464			1 1/4	6	3/8
–	ALS15	266 26/7, 6/7, 18/1 kcmil	250–300	350	0.633	0.574			1 1/4	4 5/8	3/8
ALS16	–	266 26/7, 6/7, 18/1 kcmil	250–300	350	0.633	0.574			1 1/4	6	3/8
–	ALS17	266 26/7, 6/7, 18/1,336 18/1	300–350	350–400	0.684	0.609			1 1/4	4 5/8	3/8
ALS18	–	266 26/7, 6/7, 18/1,336 18/1	300–350	350–400	0.684	0.609			1 1/4	6	3/8
–	ALS19	336 30/7, 26/7, 18/1,397 18/1	336–400	450–500	0.743	0.666			1 1/4	4 5/8	3/8
ALS20	–	336 30/7, 26/7, 18/1,397 18/1	336–400	450–500	0.743	0.666			1 1/4	6	3/8
–	ALS23	397 30/7, 26/7, 18/1,477 18/1	450–500	550–600	0.814	0.743	–	B20AH EEI 14A 318 15/16 CSA 28 106H	1 3/8	5 9/16	9/16
ALS24	–	397 30/7, 26/7, 18/1,477 18/1	450–500	550–600	0.814	0.743			1 3/8	6 7/8	9/16
ALS28	–	477 30/7, 26/7, 24/7,556 18/1	550–556	650–700	0.883	0.846			1 3/8	6 7/8	9/16
ALS32	–	556 26/7, 26/7,636 18/1	600–636	750	0.940	0.891			1 3/8	6 7/8	5/8
ALS44	–	636 26/7, 715 54/7, 666 26/7, 54/7	750–800	900	1.031	0.990	–	1 1/2 6024 125H CSA 30	1 5/8	7 1/4	5/8
ALS60*	–	900 54/7,954 45/7	1,000–1,033	1033	1.172	1.151			1 5/8	7 1/4	5/8

Diagrams

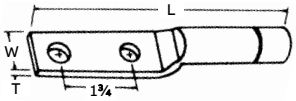


Fig. 1

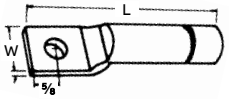


Fig. 2

* For aluminum conductor only

Color-coded compression connectors

Type C – Compression connectors covers

- Hinged polyethylene cover
- Installs easily, quickly – less expensive than taping
- Positive snap-locks fasten securely
- Drain ports prevent accumulation of corrosion-causing moisture
- Ultra-violet stabilized

Type C – Compression connectors covers

		Dimensions (in.)		
Cat. no.	**Capacity***	**Height**	**Length**	**Width**
C2BB	All ⅝ in. and O.D. Die taps, 2 in. long or less	1.10	4.00	1.05
C5C	All “O” Die taps, 1¾ in. long or less	1.60	3.75	1.25
C7C	All “D” Die taps, 2½ in. long or less	1.80	5.00	1.45
C9	All “N” and “D” Die taps, up to 2 in. long	2.75	4.25	2.00
C9L	All “N” and “D” Die taps, up to 5 in. long	2.75	7.25	2.00

* Before compression.

Color-coded compression connectors

Type CTL – Copper lugs, one-hole mount, short barrel

Copper compression connectors

- For use with copper conductors: AWG stranded, flexible cable, welding cable and portable cord
- Specially designed for industrial and building applications
- Made of high-conductivity seamless copper tubing
- Tin-plated for corrosion resistance
- Specially chamfered barrel for ease of installation
- Color-coded for matching die identification
- Can be used for medium voltage application up to 35 kV, provided proper insulation techniques are used
- CSA certified and UL listed for AWG conductors when installed with Blackburn, Burndy, ABB or Anderson tools, as specified by CSA
- Comply with Subpart 111.60-17 of Federal Register's Coast Guard Electrical Engineering Rules and Regulations

Short barrel connectors

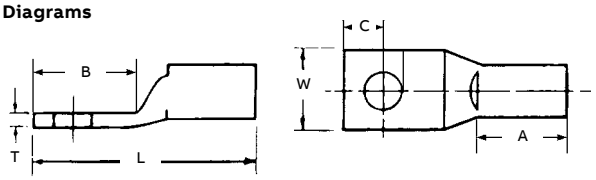
- Short barrel connectors designed for regular-duty applications
- Ideal for confined areas

Type CTL – Copper lugs, one-hole mount, short barrel

Cat. no.	Conductor size (Cu)	Stud size (in.)	Dimensions (in.) A	B	C	L	W	T	Color code
CTL8-10	8 str.	10	13/32	1/2	7/32	1 5/32	3/8	1/16	Red
CTL8-14	8 str.	1/4	13/32	19/32	1/4	1 3/16	7/16	1/16	
CTL8-516	8 str.	5/16	13/32	5/8	9/32	1 5/16	9/16	1/16	
CTL6-10	6 str.	10	7/16	17/32	7/32	1 7/32	7/16	1/16	Blue
CTL6-14	6 str.	1/4	7/16	17/32	7/32	1 7/32	7/16	1/16	
CTL6-516	6 str.	5/16	7/16	21/32	9/32	1 13/32	19/32	1/16	
CTL6-38	6 str.	3/8	7/16	21/32	9/32	1 13/32	19/32	1/16	
CTL4-10	4 str.	10	1/2	19/32	1/4	1 3/8	17/32	3/32	Gray
CTL4-14	4 str.	1/4	1/2	19/32	1/4	1 3/8	17/32	3/32	
CTL4-516	4 str.	5/16	1/2	21/32	5/16	1 13/32	19/32	1/16	
CTL4-38	4 str.	3/8	1/2	21/32	5/16	1 13/32	19/32	1/16	
CTL2-14	2 + 3 str.	1/4	19/32	21/32	1/4	1 1/2	9/16	3/32	Brown
CTL2-516	2 + 3 str.	5/16	19/32	7/8	3/8	1 23/32	9/16	3/32	
CTL2-38	2 + 3 str.	3/8	19/32	29/32	3/8	1 3/4	9/16	3/32	
CTL2-12	2 + 3 str.	1/2	19/32	1 1/16	1/2	1 29/32	3/4	1/16	
CTL114	1 str.	1/4	19/32	21/32	1/4	1 1/2	21/32	3/32	Green
CTL1516	1 str.	5/16	19/32	7/8	3/8	1 23/32	21/32	3/32	
CTL138	1 str.	3/8	19/32	29/32	3/32	1 3/4	21/32	3/32	
CTL112	1 str.	1/2	19/32	1 1/4	1/2	2 3/32	3/4	3/32	
CTL10-516	1/0 str.	5/16	11/16	7/8	3/8	1 13/16	3/4	1/8	Pink
CTL10-38	1/0 str.	3/8	11/16	29/32	3/8	1 7/8	3/4	1/8	
CTL10-12	1/0 str.	1/2	11/16	1 1/4	1/2	2 3/16	3/4	1/8	
CTL20-38	2/0 str.	3/8	13/16	29/32	3/8	2 1/32	13/16	1/8	Black
CTL20-12	2/0 str.	1/2	13/16	1 1/4	1/2	2 11/32	13/16	1/8	
CTL30-38	3/0 str.	3/8	13/16	29/32	3/8	2 1/32	29/32	1/8	Orange
CTL30-12	3/0 str.	1/2	13/16	1 1/4	1/2	2 11/32	29/32	1/8	

Cat. no.	Conductor size (Cu)	Stud size (in.)	Dimensions (in.) A	B	C	L	W	T	Color code
CTL40-38	4/0 str. or 3/0 weld	3/8	15/16	29/32	3/8	2 5/32	1 3/32	1/8	Purple
CTL40-12	4/0 str. or 3/0 weld	1/2	15/16	1 1/4	1/2	2 1/2	1 1/32	1/8	
CTL250-12	250 kcmil or 4/0 weld	1/2	1 1/32	1 1/4	1/2	2 19/32	1 1/8	1/8	Yellow
CTL300-12	300 kcmil	1/2	1 1/32	1 1/4	1/2	2 25/32	1 3/16	5/32	White
CTL350-12	350 kcmil	1/2	1 1/32	1 1/4	1/2	2 25/32	1 11/32	5/32	Red
CTL400-12	400 kcmil	1/2	1 1/32	1 1/4	1/2	3 3/16	1 13/32	5/32	Blue
CTL400-58	400 kcmil	5/8	1 1/32	1 9/16	5/8	3 1/2	1 13/32	5/32	
CTL500-12	500 kcmil	1/2	1 1/32	1 1/4	1/2	3 1/4	1 19/32	7/32	Brown
CTL500-58	500 kcmil	5/8	1 1/32	1 9/16	5/8	3 9/16	1 19/32	7/32	
CTL600-58	600 kcmil	5/8	1 9/16	1 9/16	5/8	3 23/32	1 3/4	7/32	Green
CTL750-58	750 kcmil	5/8	1 1/2	1 9/16	5/8	3 25/32	1 29/32	1/4	Black
CTL1000-58	1,000 kcmil	5/8	1 3/4	1 9/16	5/8	4 1/32	2 1/4	9/32	–

Diagrams



See the Color-Keyed tools, dies and kits catalogue for more tool and die information.

Color-coded compression connectors

Type CTL – Copper lugs, two-hole mount, short barrel

Copper compression connectors

- For use with copper conductors: AWG stranded, flexible cable, welding cable and portable cord
- Specially designed for industrial and building applications
- Made of high-conductivity seamless copper tubing
- Tin-plated for corrosion resistance
- Specially chamfered barrel for ease of installation
- Color-coded for matching die identification
- Can be used for medium voltage application up to 35 kV, provided proper insulation techniques are used
- CSA certified and UL listed for AWG conductors when installed with Blackburn, Burndy, ABB or Anderson tools, as specified by CSA
- Comply with Subpart 111.60-17 of Federal Register's Coast Guard Electrical Engineering Rules and Regulations

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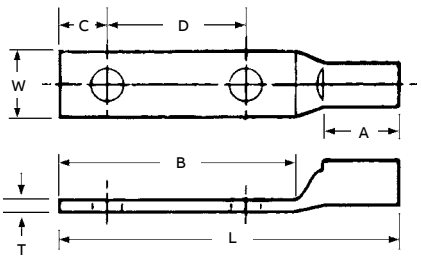
- Ideal for confined areas

Type CTL – Copper lugs, two-hole mount, short barrel

Cat. no.	Conductor size (Cu)	Stud size (in.)	Dimensions (in.) A	B	C	D	L	W	T	Color code
CTL6-214	6 str.	1/4	1/2	1 1/4	1/4	5/8	1 31/32	13/32	1/16	Blue
CTL4-214	4 str.	1/4	1/2	1 1/4	1/4	5/8	2 1/32	1/2	3/32	Gray
CTL2-2516	2 + 3 str.	5/16	19/32	1 5/8	3/8	3/4	2 15/32	9/16	3/32	Brown
CTL1-2516	1 str.	5/16	19/32	1 3/4	3/8	7/8	2 19/32	21/32	3/32	Green
CTL10-2516	1/0 str.	5/16	11/16	1 3/4	3/8	7/8	2 11/16	3/4	1/8	Pink
CTL202	2/0 str.	1/2	13/16	2 13/16	1/2	1 3/4	3 13/16	13/16	1/8	Black
CTL302	3/0 str.	1/2	25/32	2 13/16	1/2	1 3/4	3 15/16	15/16	1/8	Orange
CTL402	4/0 str.	1/2	15/16	3	1/2	1 3/4	4 1/4	1 3/32	1/8	Purple
CTL2502	250 kcmil	1/2	1 1/32	3	1/2	1 3/4	4 11/32	1 1/8	5/32	Yellow
CTL3002	300 kcmil	1/2	1 1/32	3	1/2	1 3/4	4 17/32	1 3/16	5/32	White
CTL3502	350 kcmil	1/2	1 1/32	3	1/2	1 3/4	4 17/32	1 11/32	5/32	Red
CTL4002	400 kcmil	1/2	1 11/32	3	1/2	1 3/4	4 15/16	1 13/32	5/32	Blue
CTL5002	500 kcmil	1/2	1 3/8	3	1/2	1 3/4	5	1 17/32	7/32	Brown
CTL6002-38	600 kcmil	3/8	1 17/32	1 29/32	3/8	1 3/4	5 1/8	1 23/32	7/32	Green
CTL6002-12	600 kcmil	1/2	1 17/32	3	1/2	1 3/4	5 1/8	1 23/32	7/32	
CTL7502	750 kcmil	1/2	1 1/2	3	1/2	1 3/4	5 7/32	1 29/32	1/4	Black
CTL10002	1,000 kcmil	1/2	1 3/4	3	1/2	1 3/4	5 7/16	2 1/4	9/32	–

Diagrams



See the Color-Keyed tools, dies and kits catalogue for more tool and die information.

Color-coded compression connectors

Type CTL – Copper lugs, one-hole mount, long barrel

Copper compression connectors

- For use with copper conductors: AWG stranded, flexible cable, welding cable and portable cord
- Specially designed for industrial and building applications
- Made of high-conductivity seamless copper tubing
- Tin-plated for corrosion resistance
- Specially chamfered barrel for ease of installation
- Color-coded for matching die identification
- Can be used for medium voltage application up to 35 kV, provided proper insulation techniques are used
- CSA certified and UL listed for AWG conductors when installed with Blackburn, Burndy, ABB or Anderson tools, as specified by CSA
- Comply with Subpart 111.60-17 of Federal Register's Coast Guard Electrical Engineering Rules and Regulations

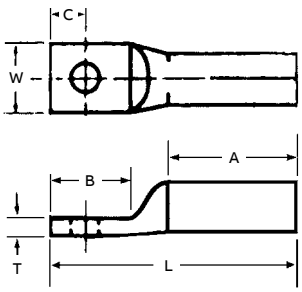
Long barrel connectors

- Ideal for industrial, oil rig, mining, welding and transportation electrical termination applications
- Heavy-duty design which permits additional crimp for added mechanical strength

Type CTL – Copper lugs, one-hole mount, long barrel

Cat. no.	Conductor size (Cu)	Flexible conductor size	Stranded	Stud size (in.)	Dimensions (in.) A	B	C	L	W	T	Color code
CTL8L-14	8 str.	1/4	37/24	1/4	25/32	5/8	1/4	1-5/8	13/32	1/16	Red
CTL6L-14	6 str.	1/4	61/24	1/4	25/32	5/8	1/4	1-5/8	13/32	1/16	Blue
CTL4L-14	4 str.	5/16	91/24	1/4	25/32	5/8	1/4	1 11/16	1/2	3/32	Gray
CTL2L-516	2 + 3 str.	5/16	125/24	5/16	7/8	7/8	3/8	2 1/32	9/16	3/32	Brown
CTL1L-516	1 str.	5/16	150/24	5/16	1 3/32	7/8	3/8	2 5/32	21/32	3/32	Green
CTL10L-516	1/0 str.	1/2	225/24	5/16	1 3/32	7/8	3/8	2 7/32	3/4	1/8	Pink
CTL20L-38	2/0 str.	1/2	275/24	3/8	1 3/32	29/32	3/8	2 1/4	13/16	1/8	Black
CTL30L-12	3/0 str.	1/2	325/24	1/2	1 1/8	1 1/4	1/2	2 11/16	29/32	1/8	Orange
CTL40L-12	4/0 str.	1/2	–	1/2	1 3/8	1 1/4	1/2	2 15/16	1 1/32	1/8	Purple
CTL250L-12	250 kcmil	1/2	450/24	1/2	1 19/32	1 1/4	1/2	3 1/8	1 1/8	1/8	Yellow
CTL300L-12	300 kcmil	1/2	550/24	1/2	1 25/32	1 1/4	1/2	3 17/32	1 3/16	1/8	White
CTL350L-12	350 kcmil	1/2	650/24	1/2	1 27/32	1 1/4	5/8	3 19/32	1 11/32	5/32	Red
CTL400L-58	400 kcmil	5/8	775/24	5/8	1 27/32	1 9/16	5/8	4 1/32	1 13/32	5/32	Blue
CTL500L-58	500 kcmil	5/8	925/24	5/8	2 11/32	1 9/16	5/8	4 1/2	1 19/32	3/16	Brown
CTL600L-58	600 kcmil	5/8	1,100/24	5/8	2 1/8	1 9/16	5/8	4 5/16	1 23/32	7/32	Green
CTL750L-58	750 kcmil	5/8	1,325/24	5/8	2 3/8	1 9/16	5/8	4 21/32	1 29/32	1/4	Black
CTL1000L-58	1,000 kcmil	5/8	1,600/24 1,925/24	5/8	2 7/8	1 9/16	5/8	5 5/32	2 1/4	9/32	–

Diagrams



See the Color-Keyed tools, dies and kits catalogue for more tool and die information.

Color-coded compression connectors

Type LCN – Copper lugs, two-hole mount, long barrel

Copper compression connectors

- For use with copper conductors: AWG stranded, flexible cable, welding cable and portable cord
- Specially designed for industrial and building applications
- Made of high-conductivity seamless copper tubing
- Tin-plated for corrosion resistance
- Specially chamfered barrel for ease of installation
- Color-coded for matching die identification
- Can be used for medium voltage application up to 35 kV, provided proper insulation techniques are used
- CSA certified and UL listed for AWG conductors when installed with Blackburn, Burndy, ABB or Anderson tools, as specified by CSA
- Comply with Subpart 111.60-17 of Federal Register's Coast Guard Electrical Engineering Rules and Regulations

Long barrel connectors

- Ideal for industrial, oil rig, mining, welding and transportation electrical termination applications
- Heavy-duty design which permits additional crimp for added mechanical strength

Type LCN – Copper lugs, two-hole mount, long barrel

Cat. no.	Conductor size (Cu)	Flexible conductor size	Stranded	Stud size (in.)	Dimensions (in.) A	B	C	D	L	W	T	Color code
LCN8-14	8 str.	8	37/24	1/4	25/32	1 3/16	1/4	5/8	2 1/8	15/32	1/16	Red
LCN6-14	6 str.	6	61/24	1/4	25/32	1 1/4	1/4	5/8	1 1/4	13/32	1/16	Blue
LCN6-12	6 str.	6	61/24	1/2	25/32	3	1/2	1 3/4	4 5/32	7/8	3/32	
LCN4-14	4 str.	5	91/24	1/4	25/32	1 3/16	1/4	5/8	2 3/16	17/32	3/16	Gray
LCN4-12	4 str.	5	91/24	1/2	25/32	3	1/2	1 3/4	4 5/32	7/8	3/32	
LCN2-516	2 + 3 str.	3	125/24	5/16	7/8	1 5/8	3/8	3/4	2 15/16	9/16	3/32	Brown
LCN2-12	2 str.	3	125/24	1/2	7/8	3	1/2	1 3/4	4 1/4	7/8	3/32	
LCN1-516	1 str.	2	150/24	5/16	1 1/32	1 5/8	3/8	7/8	2 31/32	21/32	3/32	Green
LCN1-12	1 str.	2	150/24	1/2	1 1/32	3	1/2	1 3/4	4 13/32	7/8	3/32	
LCN10	1/0 str.	1	225/24	1/2	1 1/32	3	1/2	1 3/4	3 31/32	3/4	1/8	Pink
LCN20	2/0 str.	1/0	275/24	1/2	1 5/16	3	1/2	1 3/4	4 3/16	13/16	1/8	Black
LCN30	3/0 str.	2/0	325/24	1/2	1 1/8	2 15/16	1/2	1 3/4	4 7/16	15/16	1/8	Orange
LCN40	4/0 str.	–	–	1/2	1 3/8	3	1/2	1 3/4	4 11/16	1 1/32	1/8	Purple
LCN250	250 kcmil	3/0	450/24	1/2	1 19/32	3	1/2	1 3/4	4 29/32	1 1/16	1/8	Yellow
LCN300	300 kcmil	4/0	550/24	1/2	1 25/32	3	1/2	1 3/4	5 9/32	1 3/16	1/8	White
LCN350	350 kcmil	263	650/24	1/2	1 27/32	3	1/2	1 3/4	5 11/32	1 11/32	5/32	Red
LCN400	400 kcmil	313	775/24	1/2	1 27/32	3	1/2	1 3/4	5 7/16	1 13/32	5/32	Blue
LCN500	500 kcmil	373	925/24	1/2	2 11/32	3	1/2	1 3/4	5 15/16	1 19/32	3/16	Brown
LCN600	600 kcmil	444	1,100/24	1/2	2 1/8	3	1/2	1 3/4	5 3/4	1 23/32	7/32	Green
LCN75	750 kcmil	535	1,325/24	1/2	2 3/8	3	1/2	1 3/4	6 3/32	1 29/32	1/4	Black
LCN99	1,000 kcmil	646 777	1,600/24 1,925/24	1/2	2 7/8	3	1/2	1 3/4	6 19/32	2-1/4	9/32	–

See the Color-Keyed tools, dies and kits catalogue for more tool and die information.

Color-coded compression connectors

Type CSP – Copper splices, short barrel

Copper compression connectors

- For use with copper conductors: AWG stranded, flexible cable, welding cable and portable cord
- Specially designed for industrial and building applications
- Made of high-conductivity seamless copper tubing
- Tin-plated for corrosion resistance
- Specially chamfered barrel for ease of installation
- Color-coded for matching die identification
- Can be used for medium voltage application up to 35 kV, provided proper insulation techniques are used
- CSA certified and UL listed for AWG conductors when installed with Blackburn, Burndy, ABB or Anderson tools, as specified by CSA
- Comply with Subpart 111.60-17 of Federal Register's Coast Guard Electrical Engineering Rules and Regulations

Short barrel connectors

- Short barrel connectors designed for regular-duty applications
- Ideal for confined areas

Type CSP – Copper splices, short barrel

Cat. no.	Conductor size (Cu)	Length (in.)	Color code
CSP8	8 str.	1	Red
CSP6	6 str.	1	Blue
CSP4	4 str.	1	Gray
CSP2	2 + 3 str.	1¼	Brown
CSP1	1 str.	1½	Green
CSP10	1/0 str.	1⅝	Pink
CSP20	2/0 str.	1¾	Black
CSP30	3/0 str.	1¾	Orange
CSP40	4/0 str.	1⅞	Purple
CSP250	250 kcmil	2¼	Yellow
CSP300	300 kcmil	1⅛	White
CSP350	350 kcmil	2¼	Red
CSP400	400 kcmil	2¾	Blue
CSP500	500 kcmil	2¾	Brown
CSP600	600 kcmil	3	Green
CSP750	750 kcmil	3	Black
CSP1000	1,000 kcmil	3⅝	

See the Color-Keyed tools, dies and kits catalogue for more tool and die information.

Color-coded compression connectors

Type CU – Copper splices, long barrel

Copper Compression Connectors

- For use with copper conductors: AWG stranded, flexible cable, welding cable and portable cord
- Specially designed for industrial and building applications
- Made of high-conductivity seamless copper tubing
- Tin-plated for corrosion resistance
- Specially chamfered barrel for ease of installation
- Color-coded for matching die identification
- Can be used for medium voltage application up to 35 kV, provided proper insulation techniques are used
- CSA certified and UL listed for AWG conductors when installed with Blackburn, Burndy, ABB or Anderson tools, as specified by CSA
- Comply with Subpart 111.60-17 of Federal Register's Coast Guard Electrical Engineering Rules and Regulations

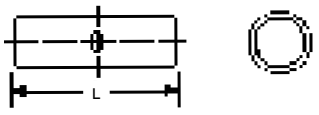
Long Barrel Connectors

- Ideal for industrial, oil rig, mining, welding and transportation electrical termination applications
- Heavy-duty design which permits additional crimp for added mechanical strength

Type CU – Copper splices, long barrel

Cat. no.	Conductor size (Cu)	Flexible conductor CMA	Flexible conductor Stranded	Stud size (in.)	Length (in.)	Color code
CU8	8 str.	8	37/24	¼	1¾	Red
CU6	6 str.	6	61/24	¼	1¾	Blue
CU4	4 str.	5	91/24	¼	1¾	Gray
CU2	2 + 3 str.	3	125/24	5/16	1⅞	Brown
CU1	1 str.	2	150/24	5/16	2	Green
CU10	1/0 str.	1	225/24	5/16	2	Pink
CU20	2/0 str.	1/2	275/24	⅜	2⅛	Black
CU30	3/0 str.	2/0	325/24	½	2¼	Orange
CU40	4/0 str.	–	–	½	2¾	Purple
CU250	250 kcmil	3/0	450/24	½	3⅜	Yellow
CU300	300 kcmil	4/0	550/24	½	3½	White
CU350	350 kcmil	263	650/24	½	3¾	Red
CU400	400 kcmil	313	775/24	⅝	3¾	Blue
CU500	500 kcmil	373	925/24	⅝	4¾	Brown
CU600	600 kcmil	444	1,100/24	⅝	4¼	Green
CU750	750 kcmil	535	1,325/24	⅝	4¾	Black
CU1000	1,000 kcmil	646 777	1,600/24 1,925/24	⅝	5⅝	

Diagrams



See the Color-Keyed tools, dies and kits catalogue for more tool and die information.

Color-coded compression connectors

Type ATL – Aluminum lugs, one-hole

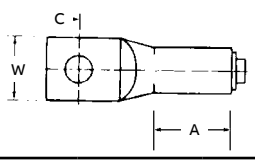
Aluminum compression connectors

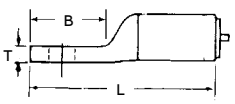
- Specifically designed for use with aluminum conductors (concentric, compressed or compact)
- Also listed for use with copper conductors
- Made of high-conductivity seamless aluminum tubing
- Tin-plated for corrosion resistance
- Chamfered barrels for ease of installation
- Can be used for medium voltage applications up to 35 kV, provided proper insulation techniques are used
- CSA certified and UL listed for AWG conductors when installed with Blackburn, Burndy, ABB or Anderson tools, as specified by CSA
- Color-coded for quick, easy die identification
- Pre-filled with oxide inhibiting compound

Type ATL – Aluminum lugs, one-hole

Cat. no.	Conductor size (Al)	Conductor size (Cu)	Stud size (in.)	A	B	C	L	Dimensions (in.) W	Dimensions (in.) T	Color code
ATL8-10	8 str.	6 AWG	10	1/2	19/32	7/32	1 9/32	13/32	3/32	Blue
ATL8-14	8 str.	6 AWG	1/4	1/2	11/16	11/32	1 3/8	7/16	3/32	
ATL6-10	6 str.	4 AWG	10	25/32	9/16	7/32	1 1/2	15/32	1/8	Gray
ATL6-14	6 str.	4 AWG	1/4	25/32	23/32	15/32	1 21/32	15/32	1/8	
ATL6-38	6 str.	4 AWG	3/8	27/32	29/32	7/16	1 27/32	5/8	3/32	
ATL4-14	4 str.	1 AWG	1/4	27/32	13/16	11/32	1 29/32	5/8	3/16	Green
ATL4-516	4 str.	1 AWG	5/16	27/32	1	7/16	2 1/16	5/8	3/16	
ATL4-38	4 str.	1 AWG	3/8	27/32	29/32	7/16	2	5/8	3/16	
ATL2-14	2 + 3 str.	1/0 AWG	1/4	27/32	25/32	11/32	1 15/16	23/32	3/16	Pink
ATL2-516	2 + 3 str.	1/0 AWG	5/16	27/32	7/8	7/16	2 11/32	3/4	3/16	
ATL2-38	2 + 3 str.	1/0 AWG	3/5	27/32	29/32	7/16	2 1/16	23/32	3/16	
ATL1-516	1 str.	–	5/16	27/32	7/8	7/16	2 1/32	23/32	3/16	Gold
ATL1-38	1 str.	–	3/8	27/32	29/32	7/16	2 3/8	3/4	3/16	
ATL10-516	1/0 str.	–	5/16	1 5/32	1	7/16	2 17/32	7/8	3/16	Tan
ATL10-38	1/0 str.	–	3/8	1 5/32	1 1/16	7/16	2 19/32	7/8	3/16	
ATL10-12	1/0 str.	–	1/2	1 5/32	1 3/8	11/16	2 15/16	15/16	3/16	
ATL20-38	2/0 str.	–	3/8	1 3/16	1	7/16	2 5/8	31/32	7/32	Olive
ATL20-12	2/0 str.	–	1/2	1 3/16	1 3/8	11/16	3	1 1/32	7/32	
ATL30-38	3/0 str.	–	3/8	1 11/32	1 1/16	7/16	2 13/16	1 1/16	7/32	Ruby
ATL30-12	3/0 str.	–	1/5	1 11/32	1 3/8	11/16	3 1/8	1 1/16	7/32	
ATL40-38	4/0 str.	300 kcmill	3/8	1 7/8	1 3/32	3/8	3 3/4	1 3/16	1/4	White
ATL40-12	4/0 str.	300 kcmill	1/2	1 7/8	1 1/4	1/2	3 7/8	1 3/16	1/4	
ATL250-12	250 kcmil	350 kcmil	1/2	2 1/32	1 1/4	1/2	4 1/32	1 9/32	1/4	Red
ATL300-38	300 kcmill	400 kcmill	3/8	2	1 5/16	3/8	4 3/16	1 3/8	9/32	Blue
ATL300-12	300 kcmill	400 kcmill	1/2	2	1 5/16	1/2	4 3/16	1 3/8	9/32	
ATL350-12	350 kcmil	500 kcmil	1/2	2 11/16	1 5/16	1/2	4 7/8	1 1/2	5/16	Brown
ATL400-58	400 kcmil	600 kcmil	5/8	2 11/16	1 1/4	1/2	4 15/16	1 5/8	3/8	Green
ATL500-12	500 kcmil	700 kcmil	1/2	2 11/16	1 1/4	1/2	4 15/16	1 25/32	3/8	Pink
ATL500-58	500 kcmil		5/8	2 11/16	2	3/4	5 11/16	1 25/32	3/8	
ATL600-12	–	600 kcmil	1/2	2 11/16	2	3/4	5 13/16	1 29/32	11/32	Black
ATL750-12	750 kcmil	900 kcmil	1/2	2 7/8	1 1/4	1/2	5 1/4	2 1/8	3/8	–
ATL750-58	750 kcmil	900 kcmil	5/8	2 7/8	2	3/4	6 1/32	2 1/8	3/8	

Diagrams





See the Color-Keyed tools, dies and kits catalogue for more tool and die information.

Color-coded compression connectors

Type ATL – Aluminum lugs, two-hole

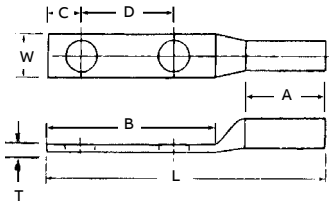
Aluminum compression connectors

- Specifically designed for use with aluminum conductors (concentric, compressed or compact)
- Also listed for use with copper conductors
- Made of high-conductivity seamless aluminum tubing
- Tin-plated for corrosion resistance
- Chamfered barrels for ease of installation
- Can be used for medium voltage applications up to 35 kV, provided proper insulation techniques are used
- Color-coded for quick, easy die identification
- Pre-filled with oxide inhibiting compound
- CSA certified and UL listed for AWG conductors when installed with Blackburn, Burndy, ABB or Anderson tools, as specified by CSA

Type ATL – Aluminum lugs, two-hole

Cat. no.	Conductor size (Al)	Conductor size (Cu)	Stud size (in.)	A	B	C	D	Dimensions (in.) L	W	T	Color code
ATL102-38	1/0 str.	–	3/8	1 5/32	2 1/16	3/8	1	3 19/32	7/8	3/16	Tan
ATL102	1/0 str.	–	1/2	1 3/16	3	1/2	1 3/4	4 9/16	15/16	3/16	
ATL202	2/0 str.	–	1/2	1 3/16	3 3/8	3/4	1 3/4	5	31/32	7/32	Olive
ATL302	3/0 str.	–	1/2	1 11/32	3 3/8	3/4	1 3/4	5 5/32	1 1/16	7/32	Ruby
ATL402	4/0 str.	300 kcmil	1/2	1 7/8	3	1/2	1 3/4	5 5/8	1 3/16	1/4	White
ATL2502	250 kcmil	350 kcmil	1/2	2 1/32	3	1/2	1 3/4	5 25/32	1 9/32	1/4	Red
ATL3002	300 kcmil	400 kcmil	1/2	2	3	1/2	1 3/4	5 7/8	1 3/8	9/32	Blue
ATL3502	350 kcmil	500 kcmil	1/2	2 11/16	3	1/2	1 3/4	6 9/16	1 1/2	5/16	Brown
ATL4002	400 kcmil	600 kcmil	1/2	2 11/16	3	1/2	1 3/4	6 11/16	1 5/8	3/8	Green
ATL5002	500 kcmil	700 kcmil	1/2	2 11/16	3	1/2	1 3/4	6 11/16	1 25/32	3/8	Pink
ATL6002	–	600 kcmil	1/2	2 11/16	3	1/2	1 3/4	6 13/16	1 29/32	11/32	Black
ATL7502	750 kcmil	900 kcmil	1/2	2 7/8	3	1/2	1 3/4	7-1/8	2 1/8	3/8	–

Diagrams



See the Color-Keyed tools, dies and kits catalogue for more tool and die information.

Color-coded compression connectors

Type ASP – Aluminum splices

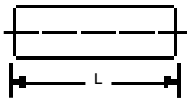
Aluminum compression connectors

- Specifically designed for use with aluminum conductors (concentric, compressed or compact)
- Also listed for use with copper conductors
- Made of high-conductivity seamless aluminum tubing
- Tin-plated for corrosion resistance
- Chamfered barrels for ease of installation
- Can be used for medium voltage applications up to 35 kV, provided proper insulation techniques are used
- Color-coded for quick, easy die identification
- Pre-filled with oxide inhibiting compound
- CSA certified and UL listed when installed with Blackburn, Burndy, ABB or Anderson tools, as specified by CSA

Type ASP – Aluminum splices

Cat. no.	Conductor size (Al)	Conductor size (Cu)	Length (in.)	Color code
ASP8	8 str.	6 AWG	1¼	Blue
ASP6	6 str.	4 AWG	1⅝	Gray
ASP4	4 str.	1 AWG	1⅞	Green
ASP2	2 + 3 str.	1/0 AWG	1⅞	Pink
ASP1	1 str.	–	2⅜	Gold
ASP10	1/0 str.	–	2⅜	Tan
ASP20	2/0 str.	–	2½	Olive
ASP30	3/0 str.	–	2⅞	Ruby
ASP40	4/0 str.	300 kcmil	3¾	White
ASP250	250 kcmil	350 kcmil	4	Red
ASP300	300 kcmil	400 kcmil	4	Blue
ASP350	350 kcmil	500 kcmil	3⅞	Brown
ASP400	400 kcmil	600 kcmil	4⅞	Green
ASP500	500 kcmil	700 kcmil	5	Pink
ASP600	–	600 kcmil	5⅛	Black
ASP750	750 kcmil	900 kcmil	5⅜	
ASP1000	1,000 kcmil	–	6	

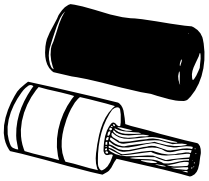
Diagram



See the Color-Keyed tools, dies and kits catalogue for more tool and die information.

Color-coded compression connectors

Type PA – Pin adapter terminals

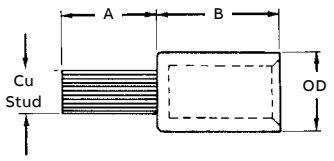


- Connector for aluminum conductors only; pigtail may be inserted into either aluminum or copper connectors
- Insulating cover included
- 90°C rating per UL standard
- Tin-plated stranded copper wire pigtail
- Tin-plated aluminum barrel pre-filled with oxide inhibitor and capped

Type PA – Pin adapter terminals

Cat. no.	Conductor size (Al)	Copper stud size	Dimensions (in.) A	B	O.D.	Color code	Die #
PA06	6 str.	8	7/8	1 11/32	0.640	Orange	50
PA04	4 str.	6	7/8	1 11/32	0.640		50
PA02	2 str.	4	7/8	1 11/32	0.640		50
PA01	1 str.	3	1	1 11/32	0.640		50
PA11	1/0 str.	2	1 1/4	1 19/32	0.906	Red	76
PA21	2/0 str.	1	1 1/4	1 19/32	0.906		76
PA31	3/0 str.	1/0	1 3/8	1 7/8	0.906		76
PA41	4/0 str.	2/0	1 3/8	1 7/8	0.906		76
PA25	250 kcmil	3/0	1 1/2	2 1/16	1.155	Brown	87H
PA30	300 kcmil	4/0	1 5/8	2 1/16	1.155		87H
PA35	350 kcmil	4/0	1 5/8	2 1/16	1.155		87H
PA40	400 kcmil	250 kcmil	1 7/8	2 3/32	1.375	Black	106H
PA50	500 kcmil	350 kcmil	1 7/8	2 3/32	1.375		106H
PA60	600 kcmil	350 kcmil	1 7/8	2 3/4	1.500	Yellow	115H
PA75	750 kcmil	500 kcmil	2	2 3/4	1.500		115H

Diagram



UL listed.
CSA not applicable.

Alum. wire size	Die code	UT3	UT5	TBM5	TBM6	TBM8	ABB dies 13642 12-ton	TBM15 UT15	21920 20-ton
#6 – #1	50	5/8	TU	Orange	–	–	–	15529	–
1/0 – 4/0	76 or 76H	–	TX	–	13472 Red 13476 Red	13467	11744	15512	11170
250 kcmil – 350 kcmil	87H	–	TH	–	–	13468	11746	15506	11176
400 kcmil – 500 kcmil	106H	–	–	–	–	–	11749	15515	11140
600 kcmil – 750 kcmil	115H	–	–	–	–	–	11753	15504	11157

Color-coded compression connectors

Type OAPA – Offset pin style and type APA center pin style

Optimum design to allow a reliable termination of aluminum or copper

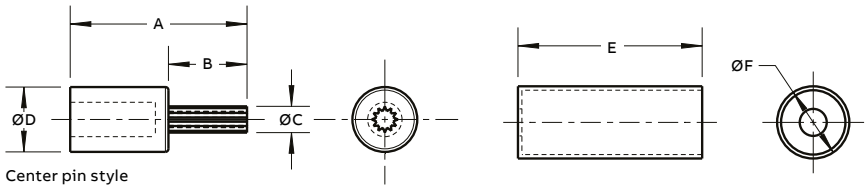
- Easily transition large aluminum cables into mechanical lugs
- Simplify installations in tight working spaces
- Knurled pins provide a solid contact area to ensure low-resistance connection
- Manufactured from high-conductivity aluminum alloy
- Tin plated to eliminate the possibility of galvanic corrosion
- Pre-filled with oxide inhibitor to ensure airtight termination
- Kitted with an insulating boot to eliminate taping

Material: High-conductivity aluminum alloy
Plating: Electro-tin plated
Insulating boot: EPDM rubber except APA-1000 and OAPA-1000 boot are PVC

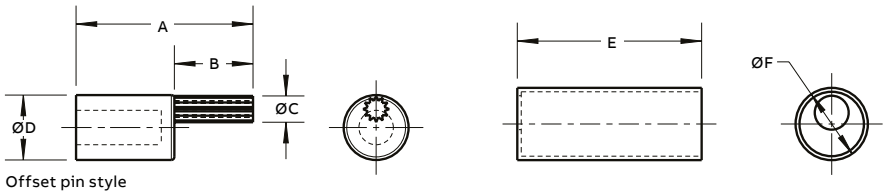
Type OAPA – Offset pin style and type APA center pin style

Cat. no. Center pin style	Cat. no. Offset pin style	Wire size	A Overall length (in.)	B Pin length (in.)	C Pin dia. (in.)	D Barrell dia. (in.)	E Boot length (in.)	F Boot dia. (in.)	Die/Color code
APA-6	–	#6 AWG	1.85	0.68	0.24	0.60	3.06	0.81	**50/Tan**
APA-4	–	#4 AWG	1.85	0.68	0.24	0.60	3.06	0.81	
APA-2	–	#2 AWG	1.85	0.68	0.24	0.60	3.06	0.81	
APA-1	–	#1 AWG	2.01	0.84	0.26	0.60	3.06	0.81	
APA-1/0	–	1/0 AWG	2.21	0.84	0.29	0.85	3.22	1.08	**66/White**
APA-2/0	OAPA-2/0	2/0 AWG	2.21	0.84	0.33	0.85	3.22	1.08	
APA-3/0	OAPA-3/0	3/0 AWG	2.59	1.22	0.37	0.85	3.22	1.08	
APA-4/0	OAPA-4/0	4/0 AWG	2.59	1.22	0.42	0.85	3.22	1.08	
APA-250	OAPA-250	250 kcmil	2.63	1.22	0.47	1.10	3.50	1.30	**87/Brown**
APA-300	OAPA-300	300 kcmil	2.75	1.34	0.53	1.10	3.50	1.30	
APA-350	OAPA-350	350 kcmil	2.75	1.34	0.57	1.10	3.50	1.30	
APA-400	OAPA-400	400 kcmil	3.63	1.60	0.68	1.32	3.75	1.47	**99/Pink**
APA-500	OAPA-500	500 kcmil	3.63	1.60	0.68	1.32	3.75	1.47	
APA-600	OAPA-600	600 kcmil	3.67	1.64	0.73	1.46	4.06	1.72	**115/Yellow**
APA-750	OAPA-750	750 kcmil	3.79	1.76	0.81	1.46	4.06	1.72	
APA-1000	OAPA-1000	1,000 kcmil	4.03	2.00	0.90	1.70	3.33	2.04	**140/–**

Diagrams



Center pin style



Offset pin style

Service wedge clamps

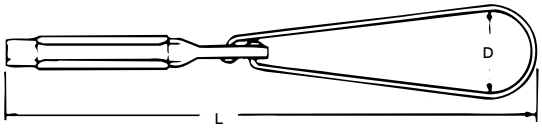
Type W – Stainless steel wedge clamps

- For use on copper neutral
- Stainless steel wedge and slider

Type W – Stainless steel wedge clamps

	Conductor range (AWG or kcmil)			Dimensions (in.)		Typical tensile values	
Cat. no.	**ACSR**	**Al**	**AAAC**	**D**	**L**	**Conductor**	**Value (lb)**
W62D	2–6	1 str. – 6 sol.	2–6	2⅜ flex.	12	2 6 x 1 A CSR	1,200

Diagram



Service wedge clamps

Type W – Aluminum service wedge clamps for use with ACSR, aluminum, AAAC conductors

"FC" flexible bail
(Bail length – 11½ in.)

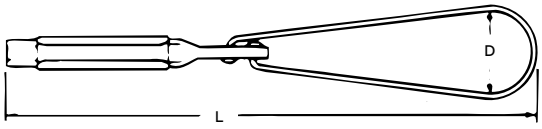
Rigid stainless steel bail
(Bail length – 6½ in.)

- For dead-ending self-supporting drop wire
- Saves conductor – drop wire may be cut to exact length
- Can be attached to bare neutral at any point in the span
- Adjustments in drop wire sag are easily made
- Grips ACSR, AAAC, or aluminum conductors

Type W – Aluminum service wedge clamps for use with ACSR, aluminum, AAAC conductors

		Conductor range (AWG or kcmil)			Dimensions (in.)		Typical Tensile Values
Cat. no.	Description	ACSR	Al	AAAC	D	L	Conductor Value (lb)
W62-1	W-1 Series aluminum wedge and slider	2–6	1 str. – 6 sol.	2–6	2⅜ flex.	12, 17½	2 6 x 1 A CSR 1,200
W62-1FC	W-1 Series aluminum wedge and slider	2–6	1 str. – 6 sol.	2–6	2⅜ flex.	12, 17½	2 6 x 1 A CSR 1,200
W20-1	W-1 Series aluminum wedge and slider	1/0–4	2/0 str. – 2 sol.	1/0–4	2⅜ flex.	12½, 18½	1/0 6 x 1 A CSR 1,800
W20-1FC	W-1 Series aluminum wedge and slider	1/0–4	2/0 str. – 2 sol.	1/0–4	2⅜ flex.	12½, 18½	1/0 6 x 1 A CSR 1,800
W40-1*	W-1 Series aluminum wedge and slider	4/0–2/0	4/0 str. – 2 sol.	4/0–2/0	2⅜ flex.	12¾, 18½	4/0 6 x 1 A CSR 1,900
W40-1FC*	W-1 Series aluminum wedge and slider	4/0–2/0	4/0 str. – 2 sol.	4/0–2/0	2⅜ flex.	12¾, 18½	4/0 6 x 1 A CSR 1,900
W62-1B	W-1B Series for extremely corrosive areas. Iridited aluminum wedge and slider	2–6	1 str. – 6 sol.	2–6	2⅜ flex.	12, 17½	2 6 x 1 A CSR 1,200
W62-1BFC	W-1B Series for extremely corrosive areas. Iridited aluminum wedge and slider	2–6	1 str. – 6 sol.	2–6	2⅜ flex.	12, 17½	2 6 x 1 A CSR 1,200
W20-1B	W-1B Series for extremely corrosive areas. Iridited aluminum wedge and slider	1/0–4	2/0 str. – 2 sol.	1/0–4	2⅜ flex.	12½, 18½	1/0 6 x 1 A CSR 1,800
W20-1BFC	W-1B Series for extremely corrosive areas. Iridited aluminum wedge and slider	1/0–4	2/0 str. – 2 sol.	1/0–4	2⅜ flex.	12½, 18½	1/0 6 x 1 A CSR 1,800
W40-1B*	W-1B Series for extremely corrosive areas. Iridited aluminum wedge and slider	4/0–2/0	4/0 str. – 2 sol.	4/0–2/0	2⅜ flex.	1-¾, 18½	4/0 6 x 1 A CSR 1,900
W40-1BFC*	W-1B Series for extremely corrosive areas. Iridited aluminum wedge and slider	4/0–2/0	4/0 str. – 2 sol.	4/0–2/0	2⅜ flex.	12¾, 18½	4/0 6 x 1 A CSR 1,900

Diagram



* W40 series clamps rated 850 lb ultimate tension for 1/0 ACSR, AL, or AAAC.

Compression connectors and connector covers

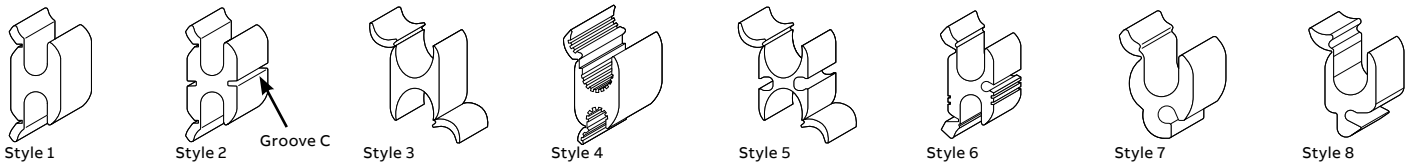
Aluminum H-type

- Prevents oxidation and keeps out moisture
- Easy identification for easy installation
- Approved by the Federal government for utility use
- Comply with ANSI C119.4 when properly installed on aluminum-to-aluminum or aluminum-to-copper conductors

Aluminum H-type

		Standard conductor/ACSR/AAC												
		Main groove, "A" range				Tap groove, "B" range				Side groove, "C" range				
Cat. no.	Style	Groove "A" decimal range	ACSR	Str.	Sol.	Groove "B" decimal range	ACSR	Str.	Sol.	Groove "C" decimal range	Str.	Sol.	L (in.)	Die	Tap CVR.
UB 214	7	0.325–0.162	#2 (7/1)–#6 (6/1)	#2(7)–#6(7)	#1–#6	0.146–0.064	–	#8–#14	#7–#14	–	–	–	¾	⅝ or BG	CO 20, B
OB 2014	8	0.447–0.292	2/0 (6/1)–#2 (6/1)	2/0(19)–#2(7)	–	0.146–0.064	–	#8–#14	#7–#14	–	–	–	¾	O	CO 20, B
OB 44	4	0.332–0.162	#2 (7/1)–#6 (6/1)	#1(19)–#6(7)	#2–#6	0.332–0.162	#2 (7/1)–#6 (6/1)	#1(19)–#6(7)	#2–#6	–	–	–	1⅜	O	CO 20, B
OB1													1½	O	CO 20, B
OB 22	6	0.325–0.162	#2 (7/1)–#6 (6/1)	#2(7)–#6(7)	#2–#6	0.325–0.162	#2 (7/1)–#6 (6/1)	#2(7)–#6(7)	#2–#6	0.148–0.062	#8–#14	8–#14	1½	O	CO 20, B
OB 101	4	0.419–0.258	1/0 (6/1)–#2 (6/1)	2/0(19)–#2(7)	#2	0.332–0.162	#2 (7/1)–#6 (6/1)	#1(19)–#6(7)	#2–#6	–	–	–	1⅜	O	CO 20, B
OB 2													1¾	O	CO 20, B
OB 103	1	0.398–0.162	1/0 (6/1)–#6 (6/1)	1/0(19)–#6(7)	#2–#6	0.332–0.162	#2 (7/1)–#6 (6/1)	#1(19)–#6(7)	#2–#6	–	–	–	1½	O	CO 20, B
OB 1010	1	0.419–0.232	1/0 (6/1)–#4 (6/1)	2/0(19)–#4(7)	#2	0.419–0.232	1/0 (6/1)–#4 (6/1)	2/0(19)–#4(7)	#2	–	–	–	1½	O	CO 20, B
DB 202	4	0.464–0.354	2/0 (6/1)–#1 (6/1)	3/0(7)–1/0(7)	–	0.332–0.162	#2 (7/1)–#6 (6/1)	#1(19)–#6(7)	#2–#6	–	–	–	1½	D or D3	CD40, B
DB 3													1⅞	D or D3	CD40, B
DB 2020	2	0.464–0.354	2/0 (6/1)–#1 (6/1)	3/0(7)–1/0(7)	–	0.464–0.354	2/0 (6/1)–#1 (6/1)	3/0(7)–1/0(7)	–	–	–	–	1⅞	D or D3	CD40, B
DB 404	4	0.563–0.464	4/0 (6/1)–3/0 (6/1)	3/0(7)–4/0(19)	–	0.332–0.162	#2 (7/1)–#6 (6/1)	#1(19)–#6(7)	#2–#6	–	–	–	1⅜	D or D3	CD40, B
DB5													1⅞	D or D3	CD40, B
DB 4020	1	0.563–0.464	4/0 (6/1)–3/0 (6/1)	3/0(7)–4/0(19)	–	0.470–0.316	2/0 (6/1)–#2 (6/1)	3/0(19)–#1(7)	–	–	–	–	1⅞	D or D3	CD40, B
DB 6													2½	D or D3	CD40, B
DB 4040	1	0.563–0.464	4/0 (6/1)–3/0 (6/1)	3/0(7)–4/0(19)	–	0.563–0.464	4/0 (6/1)–3/0 (6/1)	4/0(19)–3/0(7)	–	–	–	–	2 3/16	D or D3	CD40, B
DB 7													2½	D or D3	CD40, B
NB 500	3	0.814–0.522	477 (18/1)–4/0 (6/1)	500(37)–4/0(7)	–	0.814–0.522	477 (18/1)–4/0 (6/1)	500(37)–4/0(7)	–	–	–	–	3¾	N	NC 600, B
NB 50040	4	0.858–0.528	477 (26/7)–4/0 (6/1)	556.5(37)–4/0(19)	–	0.556–0.368	4/0 (6/1)–1/0 (18/1)	4/0(19)–1/0(7)	3/0–4/0	–	–	–	2	N	NC 600, B
NB 60020	3	0.915–0.575	556.5 (24/7)–266.8 (18/1)	600(61)–250(37)	–	0.419–0.162	1/0 (6/1)–#6 (6/1)	2/0(19)–#6(7)	2/0–#6	–	–	–	2⅛	N	NC 600, B
ZB 954	3	1.196–0.586	954 (54/7)–266.8 (18/1)	1,000(61)–266.8(7)	–	1.196–0.568	954 (54/7)–266.8 (18/1)	1,000(61)–266.8(7)	–	–	–	–	6	Z or R	–
ZB 95440	5	1.140–0.586	795 (30/19)–266.8 (18/1)	750(61)–266.8(7)	–	0.741–0.522	336.4 (30/7)–4/0 (6/1)	350(37)–4/0(7)	–	0.292–0.162	#2–#6	#2–#6	3	Z or R	–
ZB 95410	5	1.140–0.586	795 (30/19)–266.8 (18/1)	750(61)–266.8(7)	–	0.563–0.368	4/0 (6/1)–1/0 (6/1)	4/0(19)–1/0(7)	–	0.292–0.162	#2–#6	#2–#6	3	Z or R	–

Diagrams



Style 1 Style 2 Style 3 Style 4 Style 5 Style 6 Style 7 Style 8

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 ABB 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. Burndy is a registered trademark of Hubbell Incorporated.

Compression connectors and connector covers

Double-locking latches

CO 20 B

CN 600 B

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

- Provide a highly reliable end enclosure
- Prevent accumulation of water within the cover, regardless of which half of the cover is down
- Resists the elements, UV sun rays and common contaminants

Double-locking latches

Cat. no.	Height (in.)	Length (in.)	Width (in.)
CO 20 B	2¼	4½	1⅝
CD 40 B	2⅜	5⅝	1¾
CN 600 B	2 15/16	6⅞	2½

Aluminum lugs

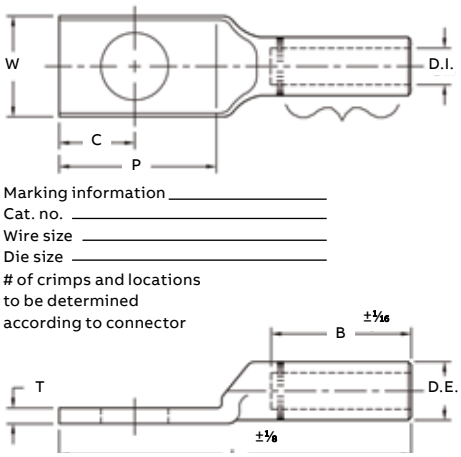
One-hole CSA die lugs

- Use with aluminum and copper conductors
- Provides high strength and high conductivity
- Prevents oxidation and keeps out moisture
- Easy identification
- Meet or exceed ANSI C119.4 specifications

One-hole CSA die lugs

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

Diagrams



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

Aluminum lugs

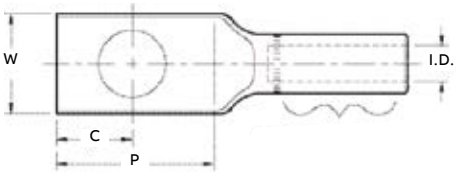
Two-hole CSA die lugs

- Use with aluminum and copper conductors
- Provides high strength and high conductivity
- Prevents oxidation and keeps out moisture
- Easy identification
- Meet or exceed ANSI C119.4 specifications

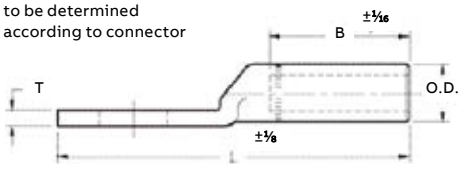
Two-hole CSA die lugs

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

Diagrams



Marking information _____
Cat. no. _____
Wire size _____
Die size _____
# of crimps and locations
to be determined
according to connector



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

Aluminum lugs

One-hole NEMA die lugs

AL 500-48

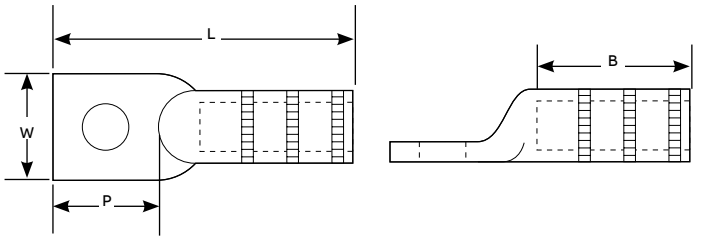
General-purpose lugs for aluminum and copper terminations

- Use with aluminum and copper conductors
- Provides high strength and high conductivity
- Prevents oxidation and keeps out moisture
- Easy identification
- Meets or exceeds ANSI C119.4 specifications

One-hole NEMA die lugs

	Conductor range (AWG or kcmil)				Bolt		Dimensions (in.)			
Cat. no.	Concentric	Compressed	Compact	ACSR	size	Installing dies	B	L	P	W
AL 6-14	#6	–	–	–	¼	TP, 29, 161, 5/16	¾	2 5/32	⅞	9/16
AL 4-516	#4	–	–	–	5/16	TB, 37, 375, 162	15/16	2¼	31/32	⅝
AL 4-14	#4	–	–	–	¼	TB, 37, 375, 162	15/16	2¼	31/32	⅝
AL 2-14	#2	–	–	–	¼	TQ, 45, 348, 163, ½, 6A	59/64	2⅝	1 1/32	¾
AL 2-38	#2	–	–	–	⅜	TQ, 45, 348, 163, ½, 6A	59/64	2⅝	1 1/32	¾
AL 1-38	#1	–	–	–	⅜	TQ, 45, 348, 163, ½, 6A	59/64	2⅝	1 1/32	¾
AL 1/0-38	1/0	–	–	–	⅜	TU, 52, BG, 243, ⅝	1⅜	3⅛	1 5/16	⅞
AL 1/0-48	1/0	–	–	–	½	TU, 52, BG, 243, ⅝	1⅜	3⅛	1 5/16	⅞
AL 2/0-38	2/0	–	–	–	⅜	TW-TY, 58, 297, ⅝ -1	1 5/16	3 3/16	1 7/32	15/16
AL 2/0-48	2/0	–	–	–	½	TW-TY, 58, 297, ⅝ -1	1 5/16	3 3/16	1 7/32	15/16
AL 3/0-38	3/0	–	–	–	⅜	737, 467	1 9/16	3 7/16	1 5/16	1 1/16
AL 3/0-48	3/0	–	–	–	½	737, 467	1 9/16	3 7/16	1 5/16	1 1/16
AL 4/0-38	4/0	–	–	–	⅜	TX, 71H, 298, 840, 11A	1 7/16	3 9/16	1 11/32	1 3/16
AL 4/0-48	4/0	–	–	–	½	TX, 71H, 298, 840, 11A	1 7/16	3 9/16	1 11/32	1 3/16
AL 250-48	250, 4/0	–	–	4/0	½	TX, 76, 249, 840, 11A	1 9/16	3⅝	1 5/16	1 15/64
AL 300-48	300, 266.8	–	350	266.8 (18/1)	½	TH, 87H, 251, 470, 1, 12A	2 3/16	4	1 5/16	1⅜
AL 350-48	350, 336.4	–	400	266.8 (26/7), 336.4 (18/1)	½	96, 299, 655, 1⅛-1, 13A	2 3/16	4¼	1 5/16	1½
AL 400-48	400, 397.5	–	–	336.4 (26/7), 397.5 (18/1)	½	96, 299, 655, 1⅛-1, 13A	2½	4⅞	1¼	1⅝
AL 400-58	400, 397.5	–	–	336.4 (26/7), 397.5 (18/1)	⅝	96, 299, 655, 1⅛-1, 13A	2½	4⅞	1¼	1⅝
AL 500-48	500, 477	–	600	379.5 (26/7), 477 (18/1)	½	106A, 300, 317, 1 5/16, 14A	3	5 7/16	1½	1¾
AL 500-58	500, 477	–	600	379.5 (26/7), 477 (18/1)	⅝	106A, 300, 317, 1 5/16, 14A	3	5 7/16	1½	1¾
AL 600-48	600, 550	–	–	477 (26/7), 556.5 (18/1)	½	1 5/16, 115H, 786, 936, 473	3	5 21/32	1 9/16	1 15/16
AL 600-58	600, 550	–	–	477 (26/7), 556.5 (18/1)	⅝	1 5/16, 115H, 786, 936, 473	3	5 21/32	1 9/16	1 15/16
AL 750-48	750, 700	–	–	636 (26/7)	½	140H, 301, 342, 1½	3⅜	6⅜	1⅞	1¾
AL 750-58	750, 700	–	–	636 (26/7)	⅝	140H, 301, 342, 1½	3⅜	6⅜	1⅞	1¾
AL 800-48	800	–	–	–	½	1½, 474, 140H	3 9/16	6⅝	2 1/32	1¾
AL 800-58	800	–	–	–	⅝	1½, 474, 140H	3 9/16	6⅝	2 1/32	1 3/16
AL 1000-48	1,000, 954	–	–	795 (26/7), 954 (45/7)	½	161, 292, 302, 319, 1¾	4⅝	7 15/16	1⅞	2 7/16
AL 1000-58	1,000, 954	–	–	795 (26/7), 954 (45/7)	⅝	161, 292, 302, 319, 1¾	4⅝	7 15/16	1⅞	2 7/16

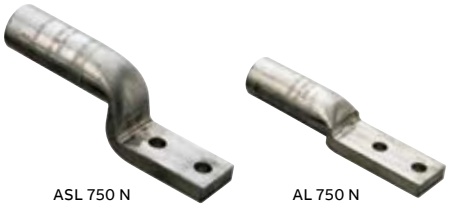
Diagrams



For tin-plated, add "-TN" suffix to the catalogue number. All tin-plated lugs are UL listed through 1,000 kcmil.
For straight lugs with tapered ends used in high-voltage applications, please consult your ABB representative.

Aluminum lugs

Two-hole NEMA die lugs



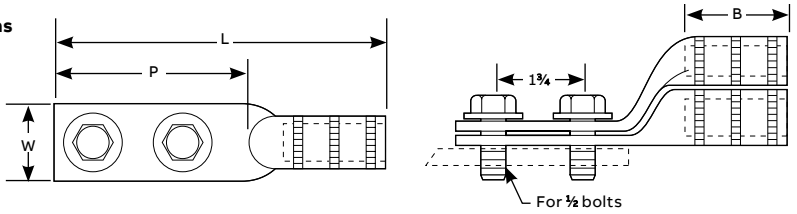
General-purpose lugs for aluminum and copper terminations

- Use with aluminum and copper conductors
- Provides high strength and high conductivity
- Prevents oxidation and keeps out moisture
- Easy identification
- Meets or exceeds ANSI C119.4 specifications

Two-hole NEMA die lugs

Straight lug Cat. no.	Stacking lug Cat. no.	Conductor range (AWG or kcmil)						Dimensions (in.)			
		Concentric	Compr.	Compact	ACSR	Solid	Installing dies	B	L	P	W
SA 6 N	ASL 6 N	#6	#6	#6, #4	#6	4	TU, 52, BG, 243, 5/8, CSA 22	1 15/32	5 1/4	3 3/16	7/8
SA 4 N	ASL 4 N	#4	#4	–	#4	2	TU, 52, BG, 243, 5/8, CSA 22	1 15/32	5 1/4	3 3/16	7/8
SA 2 N	ASL 2 N	#2-#1	#1	#1	#2	1/0	TU, 52, BG, 243, 5/8, CSA 22	1 1/2	5 3/16	3 1/4	1
AL 1/0 N	ASL 1/0 N	1/0	–	2/0	1/0	2/0	TU, 52, BG, 243, 5/8	1 1/2	5 1/4	3 3/16	7/8
AL 2/0 N	ASL 2/0 N	2/0	–	–	–	–	TW-TY, 58, 297, 5/8-1	1 1/2	5 1/4	3 3/16	15/16
AL 3/0 N	ASL 3/0 N	3/0	–	–	–	–	TV, 66, 167, 467, 10A	1 7/16	5 1/2	3 1/4	1 1/16
AL 4/0 N	ASL 4/0 N	4/0	–	–	–	–	TX, 71H, 298, 840, 11A	1 15/16	6	3 11/32	1 15/64
AL 250 N	ASL 250 N	250, 4/0	–	250-300	4/0 (6/1)	–	TX, 76, 249, 840, 11A	1 15/16	6	3 11/32	1 15/64
AL 300 N	ASL 300 N	300, 266.8	–	350	266.8 (18/1)	–	TH, 87H, 251, 470, 1, 12A	2 3/16	6 9/16	3 9/16	1 11/32
AL 350 N	ASL 350 N	350, 336.4	–	–	266.8 (26/7), 336.4 (18/1)	–	96, 299, 655, 1 1/8-1, 705, 13A	2 3/16	6 9/16	3 11/16	1 3/4
AL 336 NSC	–	397.5-400	–		336.4 (26/7), 397.5 (18/1)	–	1 1/4, 99H, 317, 20AH	4 3/16	9	3 11/16	1 21/32
AL 400 N	ASL 400 N	400, 397.5	–		336.4 (26/7), 397.5 (18/1)	–	96, 472, 655, 1 1/8-1, 1 1/8-2, 705, 316, 13A	2 7/16	7 5/16	3 9/16	1 3/4
AL 500 N	ASL 500 N	500, 477	–	500-600	397.5 (26/7), 477 (18/1)	–	106A, 300, 317, 1 5/16, 14A, 15A	2 15/16	8 1/4	3 9/16	1 3/4
AL 500 N 608	–		–	600	397.5 (26/7), 477 (18/1)	–	608	3 1/3	8-1/4	3 9/16	1 3/4
AL 600 N	ASL 600 N	600, 550	–	–	477 (26/7), 556.5 (18/1)	–	1 5/16, 115H, 786, 936, 473	2 15/16	7 3/4	3 5/8	1 3/4*
AL 700 N 608	–	700, 600	–	700-795	–	–	125H, 608	3 1/6	7 3/8	3 1/2	1 3/4
AL 750 N	ASL 750 N	750, 700	–	–	636 (26/7)	–	140H, 301, 342, 1 1/2	3 5/16	8 1/4	3 3/4	1 3/4*
AL 750 N 608	ASL 750 N 608		–		636 (26/7)	–	125H, 608	3 3/8	8 1/4	3 5/8	1 3/4
AL 800 N	ASL 800 N	800, 795	–		663 (30/19), 715.5 (54/7)	–	140H, 474, 342, 724, 1 1/2	3 11/32	8 5/16	3 5/8	1 3/4*
AL 800 N 608	–	800, 700	–		636 (30/19), 715.5 (54/7)	–	608	3 1/3	8 1/4	3 5/8	1 3/4
AL 1000 N	ASL 1000 N	1,000, 954	–		795 (26/7, 30/19), 954 (45/7)	–	161, 292, 302, 319, 1 3/4	4 11/16	8 9/16	3 5/8	2 7/16
AL 1000 SSN	ASL 1000 SSN	1,000	–		–	–	161, 292, 302, 319, 1 3/4	4 11/16	9 7/8	1 7/8	2 7/16
AL 1000 NMSNP	–		–		–	–	161, 292, 302, 319, 1 3/4	4 11/16	9 1/2	3 5/8	1 3/4
AL 954 NMSNP	–	–	–		954 (54/7)	–	161, 292, 302, 319, 1 3/4	4 11/16	9 3/8	3 5/8	1 3/4
AL 1250 N	ASL 1250 N	1,200-1,300	–		1,113 (45/7), 1,192.5 (45/7)	–	161, 727, 352	4 11/16	9 11/16	3 5/8	2 21/32
AL 1750 N	ASL 1750 N	1,750	–		–	–	214, 735, 225	5 1/2	10 7/8	3 7/8	3 13/32
AL 2000 N	ASL 2000 N	2,000	–		–	–	479	6 1/16	11 15/16	3 7/8	3 13/32

Diagrams



For tin-plated, add "-TN" suffix to the catalogue number. All tin-plated lugs are UL listed through 2,000 kcmil.
For straight lugs with tapered ends used in high-voltage applications, please consult your ABB representative.
Trimmed to 1 3/4" maximum to fit side-by-side on NEMA spades.

Aluminum lugs

Tin-plated two-hole NEMA lugs

ASL 750 N AL 750 N

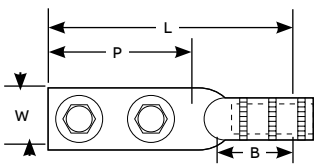
General-purpose lugs for aluminum and copper terminations

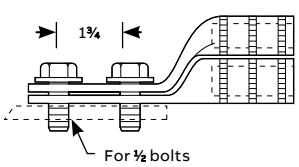
- Use with aluminum and copper conductors
- Provides high strength and high conductivity
- Prevents oxidation and keeps out moisture
- Easy identification
- Meet or exceed ANSI C119.4 specifications

Tin-plated tapered tees

Straight lug Cat. no.	Stacking lug Cat. no.	Conductor range (AWG or kcmil) Concentric	Compr.	Compact	ACSR	Solid	Installing dies	Dimensions (in.) B	L	P	W
SA 6 NTN	ASL 6 NTN	#6	#6	#6, #4	#6	#4	TU, 52, BG, 243, 5/8, CSA 22	1 15/32	5 1/4	3 3/16	7/8
SA 4 NTN	ASL 4 NTN	#4	#4	–	#4	#2	TU, 52, BG, 243, 5/8, CSA 22	1 15/32	5 1/4	3 3/16	7/8
SA 2 NTN	ASL 2 NTN	#2-#1	#1	#1	#2	1/0	TU, 52, BG, 243, 5/8, CSA 22	1 1/2	5 3/16	3 1/4	1
AL 1/0 NTN*	ASL 1/0 NTN*	1/0	–	2/0	1/0	2/0	TU, 52, BG, 243, 5/8	1 1/2	5 1/4	3 3/16	7/8
AL 2/0 NTN*	ASL 2/0 NTN*	2/0	–	–	–	–	TW-TY, 58, 297, 5/8-1	1 1/2	5 1/4	3-3/16	15/16
AL 3/0 NTN*	ASL 3/0 NTN*	3/0	–	–	–	–	TV, 66, 167, 467, 10A	1 7/16	5 1/2	3 1/4	1 1/16
AL 4/0 NTN*	ASL 4/0 NTN*	4/0	–	–	–	–	TX, 71H, 298, 840, 11A	1 15/16	6	3 11/32	1 15/64
AL 250 NTN*	ASL 250 NTN*	250, 4/0	–	250-300	4/0 (6/1)	–	TX, 76, 249, 840, 11A	1 15/16	6	3 11/32	1 15/64
AL 300 NTN*	ASL 300 NTN*	300, 266.8	–	350	266.8 (18/1)	–	TH, 87H, 251, 470, 1, 12A	2 3/16	6 9/16	3 9/16	1 11/32
AL 350 NTN*	ASL 350 NTN*	350, 336.4	–	–	266.8 (26/7), 336.4 (18/1)	–	96, 299, 655, 1 1/8-1, 705, 13 A	2 3/16	6 9/16	3 11/16	1 3/4
AL 336 NSCTN	–	397.5-400	–	–	336.4 (26/7), 397.5 (18/1)	–	1 1/4, 99H, 317, 20AH	4 3/16	9	3 11/16	1 21/32
AL 400 NTN*	ASL 400 NTN*	400, 397.5	–	–	336.4 (26/7), 397.5 (18/1)	–	96, 472, 655, 1 1/8-1, 1 1/8-2, 705, 316, 13A	2 7/16	7 5/16	3 9/16	1 3/4
AL 500 NTN*	ASL 500 NTN*	500, 477	–	500-600	397.5 (26/7), 477 (18/1)	–	106A, 300, 317, 1 5/16, 14A, 15A	2 15/16	8 1/4	3 9/16	1 3/4
AL 500 N 608 TN	–	500, 477	–	600	397.5 (26/7), 477 (18/1)	–	608	3 1/3	8 1/4	3 9/16	1 3/4
AL 600 NTN*	ASL 600 NTN*	600, 550	–	–	477 (26/7), 556.5 (18/1)	–	1 5/16, 115H, 786, 936, 473	2 15/16	7 3/4	3 5/8	1 3/4*
AL 700 N 608TN	–	700, 600	–	700-795	–	–	125H, 608	3 1/6	7 3/8	3 1/2	1 3/4
AL 750 NTN*	ASL 750 NTN*	750, 700	–	–	636 (26/7)	–	140H, 301, 342, 1 1/2	3 5/16	8 1/4	3 3/4	1 3/4*
AL 750 N 608*	ASL 750 N 608*	750, 700	–	–	636 (26/7)	–	125H, 608	3 3/8	8 1/4	3 5/8	1 3/4
AL 800 NTN*	ASL 800 NTN*	800, 795	–	–	663 (30/19), 715.5 (54/7)	–	140H, 474, 342, 724, 1 1/2	3 11/32	8 5/16	3 5/8	1 3/4*
AL 800 N 608 TN	–	800, 700	–	–	636 (30/19), 715.5 (54/7)	–	608	3 1/3	8 1/4	3 5/8	1 3/4
AL 954 NMS		–	–	–	954 (54/7)	–	161, 292, 302, 319, 1 3/4	4 11/16	9 3/8	1 7/8	1 3/4
AL 1000 NTN*	ASL 1000 NTN*	1,000, 954	–	–	795 (26/7, 30/19), 954 (45/7)	–	161, 292, 302, 319, 1 3/4	4 9/16	8 9/16	3 5/8	2-7/16
AL 1000 SSNTN	ASL 1000 SSNTN	1,000	–	–	–	–	161, 292, 302, 319, 1 3/4	4 9/16	9 7/8	3 5/8	2 7/16
AL 1000 NMS	–	1,000	–	–	–	–	161, 292, 302, 319, 1 3/4	4 11/16	9 1/2	3 5/8	1 3/4
AL 1250 NTN	ASL 1250 NTN	1,200-1,300	–	–	1,113 (45/7), 1,192.5 (45/7)	–	161, 727, 352	4 11/16	9 11/16	3 5/8	2 21/32
AL 1750 NTN	ASL 1750 NTN	1,750	–	–	–	–	214, 735, 225	5 1/2	10 7/8	3 7/8	3 13/32
AL 2000 NTN	ASL 2000 NTN	2,000	–	–	–	–	479	6 1/16	11 15/16	3 7/8	3 13/32

Diagrams





* UL listed.

For two-hole lugs that are not tin-plated, see page 33. For straight lugs with tapered ends used in high-voltage applications, please consult your ABB representative.

Aluminum lugs

Four-hole NEMA lugs

AL 1000-4N

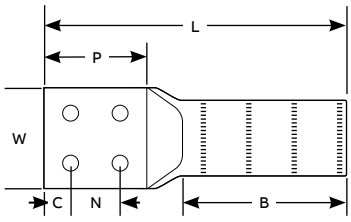
General-purpose lugs for aluminum and copper terminations

- Use with aluminum and copper conductors
- Provides high strength and high conductivity
- Prevents oxidation and keeps out moisture
- Easy identification

Four-hole NEMA lugs

	Conductor range (AWG or kcmil)			Dimensions (in.)					
Cat. no.	Concentric	ACSR	Installing dies	B	N	C	W	P	L
AL 1000-4N	1,000	–	161, 302, 292, 319, 1¾	4 9/16	1¾	⅝	3	4	10
AL 14136 X	1,033.5-1,300	900-1,113	161, 727, 352	7 11/16	1¾	⅝	3	4¼	13¾
AL 1033-4N	–	1,033.5 (54/7)	34 AH	6 3/16	1¾	⅝	3⅜	3 11/16	12¾
AL 1250-4N	1,250	–	161, 727, 352	4⅝	1¾	⅝	3	3 9/16	10
AL 1272-4N	1,272	–	161, 727, 352, 579	6 7/16	1¾	⅝	3	3⅝	11¼
AL 1590-4N	1,590	1,272 (45/7)	728, 38AH, 189	8 7/16	1¾	⅝	3	3⅝	13½
AL 1750-4N	1,750	–	214, 735, 40AH, 225	6 11/16	1¾	⅞	3½	3¾	12⅛
AL 2000-4N	1,700-2,000	1,510.5-1,590	214, 735, 40AH, 225	6 11/16	1¾	⅞	3½	3¾	12⅛
AL 2300-4N	2,250-2,300	2,167 (72/7)	44AH	11¾	1¾	1⅛	4	4½	18½
AL 2500-4N	2,500	2,156-2,167	214	9⅛	1¾	1⅛	3½	4	15⅜

Diagram



For tin-plated option, add “-TN” suffix to the catalogue number.

Aluminum lugs

One-hole NEMA lugs – Common die series

SA 3/0-48

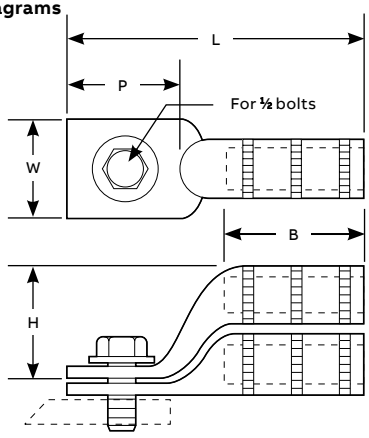
Designed for general applications and for installation on Homac 125 Series insulated buses

- Lessens your die inventory
- Double terminal capacity of transformer spades and buses to save money
- Use with aluminum and copper conductors
- Provides high strength and high conductivity
- Easy identification
- Meets or exceeds ANSI C119.4 specifications

One-hole NEMA lugs – Common die series

Straight lug Cat. no.	Stacking lug Cat. no.	Conductor – Al or Cu					Installing dies	Dimensions (in.)				
		Concentric	Compressed	Compact	Solid	ACSR		B	H	L	P	W
SA 12-48	–	#12	–	–	#12	–	TU, 52, BG, 243, 5/8, CSA 22	23/32	–	2 9/16	1 1/4	7/8
SA 10-48	–	#12	–	–		–		23/32	–	2 9/16	1 1/4	7/8
SA 8-48	–	#8	–	–	#6	–		1 5/16	–	3 1/8	1 5/16	7/8
SA 6-48	–	#6	#6	#4	#4	#6		1 5/16	–	3 1/8	1 5/16	7/8
SA 4-48	–	#4	#4		#2	#4		1 5/16	–	3 1/8	1 5/16	7/8
SA 3-48	–	#2	#2	#1, #2	#1	–		1 5/16	–	3 1/8	1 5/16	7/8
SA 2-48	SASL 2-48	#1, #2	#1	#1	1/0	#2		1 5/16	1 1/2	3 1/8	1 5/16	7/8
SA 386-48	–	#1	1/0	1/0	–	–		1 5/16	–	3 1/8	1 5/16	7/8
SA 1/0-48	SASL 1/0-48	1/0	2/0	2/0		1/0		1 5/16	1 1/2	3 1/8	1 5/16	7/8
SA 2/0-48	SASL 2/0-48	2/0	3/0	3/0	3/0	2/0 (6/1)	TX, 76, 249, 840, 845, 11A, CSA 24	1 25/64	1 3/4	3 21/64	1 11/32	1 5/32
SA 3/0-48	SASL 3/0-48	3/0	4/0	4/0	–	3/0		1 25/64	1 3/4	3 21/64	1 11/32	1 5/32
SA 4/0-48	SASL 4/0-48	4/0, 250	4/0, 250	250, 300	–	4/0		1 25/64	1 3/16	3 21/64	1 11/32	1 5/32
SA 300-48	–	300	300	350	–	266.8 (18/1)	96, 299, 655, 321, 316, 13A, 1 (1/8-1), 472, CSA 28	1 19/32	–	3 5/8	1 11/32	1 1/4
SA 350-48	–	336.4-350	350	400	–	266.8 (26/7), 336.4 (18/1)		1 19/32	–	3 5/8	1 11/32	1 1/4
SA 400-48	–	336.4-400	400	500	–	336.4 (18/1), 397.5 (18/1)		1 19/32	–	3 5/8	1 11/32	1 1/4

Diagrams



For tin-plated option, add "-TN" suffix to the catalogue number.
To order a stud size not specified with a terminal lug on this page, change the last two digits from "48" (designating a ½" stud) to "38" (for a 3/8" stud).

Aluminum lugs

Two-hole NEMA – Common die series

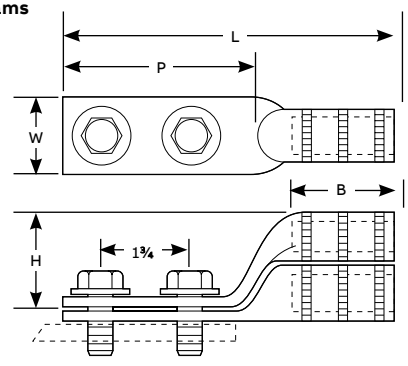
Designed for general applications and for installation on Homac 125-N Series insulated buses

- Lessens your die inventory
- Double terminal capacity of transformer spades and buses to save money
- Use with aluminum and copper conductors
- Provides high strength and high conductivity
- Prevents oxidation and keeps out moisture
- Easy identification
- Meets or exceeds ANSI C119.4 specifications

Two-hole NEMA – Common die series

Straight lug Cat. no.	Stacking lug Cat. no.	Conductor – Al or Cu					Installing dies	Dimensions (in.)				
		Concentric	Compressed	Compact	Solid	ACSR		B	H	L	P	W
SA 8 N	–	#8	–	–	#6	–	TU, 52, BG, 243, 5/8, CSA 22	1 15/16	–	5 1/8	3 3/16	7/8
SA 6 N	SASL 6 N	#6	#6	#4	#4	#6		1 15/16	1 1/2	5 1/8	3 3/16	7/8
SA 4 N	–	#4	#4	#4	#2	#4		1 15/16	–	5 1/8	3 3/16	7/8
SA 3 N		#2	#2	#1, #2	#1	–		1 15/16	–	5 1/8	3 3/16	7/8
SA 2 N		#1, #2	#1	#1	1/0	#2		1 1/2	–	5 3/16	3 1/8	1
SA 386N		#1, 1/0	#1, 1/0	1/0	–	#1		1 27/32	–	5 1/2	3	7/8
AL 1/0 N	SASL 1/0 N	1/0	1/0	2/0	2/0	1/0		1 1/2	1 1/2	5 1/4	3 3/16	7/8
SA 2/0 N	SASL 2/0 N	2/0	2/0	3/0	3/0	2/0 (6/1)	TX, 76, 249, 840, 845, 11A, CSA 24	1 15/16	1 3/4	6	3 3/8	1 1/4
SA 3/0 N	SASL 3/0 N	3/0	4/0	4/0	–	3/0		1 15/16	1 3/4	6	3 5/16	1 5/32
SA 4/0 N	SASL 4/0 N	4/0, 250	4/0, 250	250, 300	–	4/0		1 15/16	1 3/16	6	3 5/16	1 7/32
SA 300 N	–	300	300	350	–	266.8 (18/1)	96, 299, 655, 705, 321, 316, 13A, 1 (1/8-1), 472, CSA 28	2 1/16	–	6 1/4	3	1 1/4
SA 350 N		336.4-350	350	400	–	266.8 (26/7), 336.4 (18/1)		2 3/16	–	6 1/4	3	1 1/4
SA 400 N		336.4-400	400	500	–	336.4 (18/1), 397.5 (18/1)		2 7/16	–	6 3/8	3	1 1/4

Diagrams



For ½ bolts

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

Aluminum lugs

Meter socket lugs – 840 Common die series

SAKM 250-48

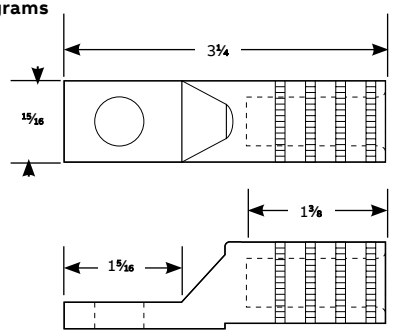
Just one die installs the entire conductor range for meter pan and general applications

- Lessens your die inventory
- Provides high strength and high conductivity
- Use with aluminum and copper conductors
- Prevents oxidation
- Easy identification
- Meets or exceeds ANSI C119.4 specifications

Meter socket lugs – 840 Common die series

½ bolt Cat. no.	⅜ bolt Cat. no.	Conductors – Al or Cu Concentric	Compressed	Compact	Solid	Installing dies
SAKM 6-48	SAKM 6-38	#6	#6	#6	–	840, 845, TX, 76, 249, 11A
SAKM 4-48	SAKM 4-38	#4	#4	#4	–	840, 845, TX, 76, 249, 11A
SAKM 2-48	SAKM 2-38	#2	#2	#2, #1	#1	840, 845, TX, 76, 249, 11A
SAKM1-48	SAKM 1-38	#1	#1	1/0	1/0	840, 845, TX, 76, 249, 11A
SAKM 1/0-48	SAKM 1/0-38	1/0	1/0	2/0	2/0	840, 845, TX, 76, 249, 11A
SAKM 2/0-48	SAKM 2/0-38	2/0	2/0	3/0	3/0	840, 845, TX, 76, 249, 11A
SAKM 3/0-48	SAKM 3/0-38	3/0	3/0	4/0	–	840, 845, TX, 76, 249, 11A
SAKM 4/0-48	SAKM 4/0-38	4/0	4/0	250	–	840, 845, TX, 76, 249, 11A
SAKM 250-48*	SAKM 250-38*	250	250	300	–	840, 845, TX, 76, 249, 11A
SAKM 300-48*	SAKM 300-38*	300	300	350	–	840, 845, TX, 76, 249, 11A
SAKM 350-48*	SAKM 350-38*	350	350	–	–	840, 845, TX, 76, 249, 11A

Diagrams



* For aluminum conductors only.
For tin-plated option, add "-TN" suffix to the catalogue number.

Aluminum lugs

Tin-plated meter socket lugs – Star hole

MSL 350

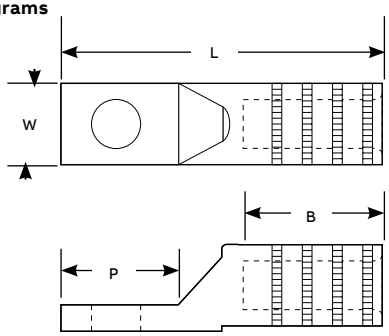
Dual-rated, corrosion-resistant lugs available with star holes

- Provides high strength and high conductivity
- Use with aluminum and copper conductors
- Resistant to corrosion
- Prevents oxidation and keeps out moisture

Tin-plated meter socket lugs – Star hole

			Dimensions (in.)			
Cat. no.	**Conductor size**	**Installing dies**	**W**	**L**	**P**	**B**
MSL 4	#4 str. cpt.	840, 845, TX, 76, 249, 11A	15/16	3¼	1 5/16	1 3/8
MSL 2	#2 str. cpt.	840, 845, TX, 76, 249, 11A	15/16	3¼	1 5/16	1 3/8
MSL 1/0	1/0 str. cpt.	840, 845, TX, 76, 249, 11A	15/16	3¼	1 5/16	1 3/8
MSL 2/0	2/0 str. cpt.	840, 845, TX, 76, 249, 11A	15/16	3¼	1 5/16	1 3/8
MSL 3/0	3/0 str. cpt.	840, 845, TX, 76, 249, 11A	15/16	3¼	1 5/16	1 3/8
MSL 4/0	4/0 str. cpt.	840, 845, TX, 76, 249, 11A	15/16	3¼	1 5/16	1 3/8
MSL 250	250 str. cpt.	840, 845, TX, 76, 249, 11A	15/16	3¼	1 5/16	1 3/8
MSL 300	300 str. cpt.	840, 845, TX, 76, 249, 11A	15/16	3¼	1 5/16	1 3/8
MSL 350	350 str. cpt.	840, 845, TX, 76, 249, 11A	15/16	3¼	1 5/16	1 3/8
MSL 500	500 str.	106A, 300, 317, 1 5/16, 15A	1¾	4⅞	1¾	3 3/16

Diagrams



Aluminum lugs

Two-hole NEMA lugs – Common die series

SAB 500 N

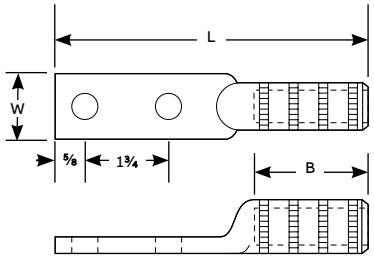
Lugs designed for general-purpose substation and switchyard equipment use

- Lessens your die inventory
- Use with aluminum and copper conductors
- Provides high strength and high conductivity
- Prevents oxidation and keeps out moisture
- Easy identification

Two-hole NEMA lugs — Common die series

	Conductor range (AWG or kcmil)					Dimensions (in.)		
Cat. no.	**Concentric**	**Compressed**	**Compact**	**ACSR**	**Installing dies**	**L**	**W**	**B**
SAK 4 N	#4	–	–	–	TX, 76, 249, 840, 11A	5¾	1¼	2
SAK 2 N	#1, #2	–	–	#2	TX, 76, 249, 840, 11A	5¾	1¼	2
SAK 1/0 N	1/0	2/0	2/0	1/0	TX, 76, 249, 840, 11A	5¾	1¼	2
SAK 300 N	–	–	350	–	TX, 76, 249, 840, 11A	6¼	1¼	2 1/16
SAK 350 N	350	–	–	–	TX, 76, 249, 840, 11A	6¼	1¼	2 1/16
SAB 3/0 N	3/0	–	–	3/0	96, 299, 655, 1 (⅛-1), 13A	6⅜	1½	2¼
SAB 4/0 N	4/0, 250	–	–	4/0	96, 299, 655, 1 (⅛-1), 13A	6⅜	1½	2¼
SAB 250 N	266.8-300	–	–	266.8 (18/1)	96, 299, 655, 1 (⅛-1), 13A	6⅜	1½	2¼
SAB 500 N	477-500	–	600	397.5 (26/7, 30/7), 477 (18/1)	96, 299, 655, 1 (⅛-1), 13A	6⅜	1¼	2¼
SAM 400 N	397.5-400	–	500	336.4 (30/7), 397.5 (18/1)	106, 300, 317, 1 5/16, 14A, 15A	8 29/64	1¾	3 13/16
SAM 556 N	500-556	–	–	477 (26/7), 556.5 (18/1)	106, 300, 317, 1 5/16, 14A, 15A	8⅜	1¾	3 27/32
SAM 600 N	600	–	–	–	106, 300, 317, 1 5/16, 14A, 15A	8⅜	1¾	3 27/32

Diagrams



Aluminum lugs

Four-hole NEMA lugs – Common die series

MSL 350

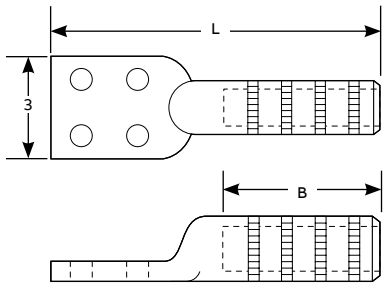
Durable four-hole lugs for general-purpose substation and switchyard equipment use

- Lessens your die inventory
- Use with aluminum and copper conductors
- Provides high strength and high conductivity
- Prevents oxidation and keeps out moisture
- Easy identification

Four-hole NEMA lugs – Common die series

	Conductor range (AWG or kcmil)				Dimensions (in.)	
Cat. no.	**Concentric**	**Compact**	**ACSR**	**Installing dies**	**L**	**B**
SAM 3/0-4N*	3/0	–	–	1⁵⁄₁₆, 300, 14A, 106, 317	8⅛	3⁵⁄₁₆
SAM 4/0-4N*	4/0	–	4/0	1⁵⁄₁₆, 300, 14A, 106, 317	8⅛	3⁵⁄₁₆
SAM 250-4N*	250	–	–	1⁵⁄₁₆, 300, 14A, 106, 317	8⅛	3⁵⁄₁₆
SAM 300-4N*	300	–	–	1⁵⁄₁₆, 300, 14A, 106, 317	7⅝	3²¹⁄₆₄
SAM 350-4N*	336.4-350	–	266.8 (26/7), 336.4 (18/1)	1⁵⁄₁₆, 300, 14A, 106, 317	7⅝	3²¹⁄₆₄
SAM 400-4N*	397.5-400	–	336.4 (30/7), 397.5 (18/1)	1⁵⁄₁₆, 300, 14A, 106, 317	7⅝	3²¹⁄₆₄
SAM 500-4N*	500	–	–	1⁵⁄₁₆, 300, 14A, 106, 317	8¼	3⁵⁄₁₆
SAM 600-4N*	556.5-600	–	–	1⁵⁄₁₆, 300, 14A, 106, 317	8¼	3⁵⁄₁₆
SAL 500-4N*	500	–	477 (18/1)	140H, 301, 342, 1½	8¼	3⅜
SAL 600-4N	600	–	477 (24/7, 30/7)	140H, 301, 342, 1½	7⅝	3⅜
SAL 650-4N	600, 636, 650	–	556.5 (24/7, 26/7)	140H, 301, 342, 1½	7⅝	3⅜
SAL 750-4N	700-750	–	636 (26/7)	140H, 301, 342, 1½	9	4⁷⁄₃₂
SAL 800-4N	700-800	954	636 (26/7)	140H, 301, 342, 1½	8¾	4³⁄₃₂
SAL 1000-4N	1,000	1,000	795 (30/19), 874 (54/7)	140H, 301, 342, 1½	8¾	4⁵⁄₃₂
SAL 1033-4N	1,033	–	900 (54/7), 954 (45/7)	140H, 301, 342, 1½	9	4⁵⁄₃₂

Diagrams



* Designates 2-piece welded design.

Aluminum lugs

Shrouded one-hole lugs – Common die series

RSG 1/0-48

RSK 2-48

Style 2

Style 1

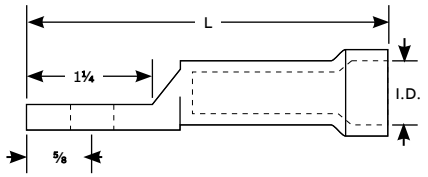
If you need rain protection, these lugs have you covered

- Prevents rainwater from entering cable
- Lessens your die inventory
- Provides high strength and high conductivity
- Use with aluminum and copper conductors
- Prevents oxidation
- Easy identification
- Meets or exceeds ANSI C119.4 specifications

Shrouded one-hole lugs – Common die series

	Conductor size (AWG or kcmil)					
Cat. no.	**Concentric**	**Compact**	**Shroud I.D.**	**Comp. die size**	**L**	**Style**
⅝ Compression die series						
RSG 6-48	#6	–	0.400	⅝, 8A, 243, TU, 52, BG	3⅜	2
RSG 4-48	#4	#4	0.450	⅝, 8A, 243, TU, 52, BG	3⅜	2
RSG 2-48	#2, #1	#1	0.635	⅝, 8A, 243, TU, 52, BG	3⅝	1
RSG 1/0-48	1/0	2/0	0.640	⅝, 8A, 243, TU, 52, BG	3⅝	1
840 Compression die series						
RSK 1/0-48	1/0	2/0	0.640	840, 11A, 249, 76, TX	3¾	2
RSK 2/0-48	2/0	3/0	0.750	840, 11A, 249, 76, TX	3¾	2
RSK 3/0-48	3/0	4/0	0.750	840, 11A, 249, 76, TX	3¾	2
RSK 4/0-48	4/0	4/0	0.750	840, 11A, 249, 76, TX	3¾	2
RSK 250-48	4/0-250	350	0.812	840, 11A, 249, 76, TX	3¾	2
RSK 350-48	350	–	0.927	840, 11A, 249, 76, TX	4⁷⁄₁₆	1
1⅛ Compression die series						
RSB 300-48	300	300	0.927	1 (⅛-1), 12A, 96, 299, 655	4½	2
RSB 350-48	350	300	0.927	1 (⅛-1), 12A, 96, 299, 655	4½	2

Diagram



For tin-plated option, add "-TN" suffix to the catalogue number.
To order a terminal lug for a ⅜" stud, change a catalogue number's "-48" suffix (designating a ½-in. stud) to a "-38" suffix.
To order with hardware as kits, add "-TMH" suffix to the catalogue number.

Aluminum lugs

Tin-plated one-hole lugs

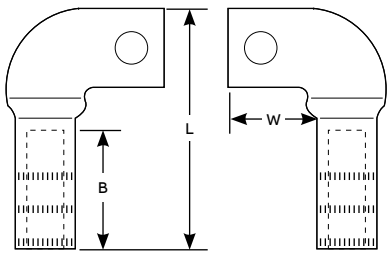
For application in meter pans and in other metal-enclosed gear to convenience wiring where clearances are minimal

- Assures high strength and high conductivity
- Provides resistance against corrosion
- Use with aluminum and copper conductors
- Prevents oxidation
- Easy identification
- Meets or exceeds ANSI C119.4 specifications

Tin-plated one-hole lugs

Left-hand lug Cat. no.	Right-hand lug Cat. no.	Conductor size (AWG or kcmil)				Dimensions (in.)		
		Concentric	Compressed	Compact	Installing dies	B	L	W
AL 1/0-48 LTN	AL 1/0-48 RTN	1/0	1/0	2/0	5/8, BG, TU	1 3/8	2 11/16	1 3/8
AL 2/0-48 LTN	AL 2/0-48 RTN	2/0	2/0	–	1 5/8, 297, TW-TY	1 3/8	2 11/16	1 3/8
AL 3/0-48 LTN	AL 3/0-48 RTN	3/0	3/0	–	737, 467	1 3/8	3 3/4	1 3/8
AL 4/0-48 LTN	AL 4/0-48 RTN	4/0	4/0	–	840, 298, TX	1 1/2	4	1 3/4
AL 250-48 LTN	AL 250-48 RTN	250	250	300	840, 324, TX	1 5/8	4 1/8	1 3/4
AL 300-48 LTN	AL 300-48 RTN	300	300	350	1, 470, TH	1 5/8	4 3/8	1 1/2
AL 350-48 LTN	AL 350-48 RTN	350	350	350	1 (1/8-1), 299, 96	1 5/8	4 3/8	1 1/2
AL 400-48 LTN	AL 400-48 RTN	400	400	400	1 1/8, 472, 96	2 1/2	5 3/4	1 1/2
AL 500-48 LTN	AL 500-48 RTN	500	500	500	1 5/16, 300, 106A	2 1/2	5 3/4	1 1/2
AL 750-48 LTN	AL 750-48 RTN	700-750	800	800	1 1/2, 301, 140H	3 1/4	6 3/8	3 1/2

Diagram



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

Aluminum lugs

Multi-range die-less lugs and pin terminals

AL 4/0 NTN

Save yourself a die job with these multi-range lugs

- Assures high strength and high conductivity
- Provides resistance against corrosion
- Use with aluminum and copper conductors
- Prevents oxidation
- Easy identification

Multi-range die-less lugs

Cat. no.	Conductor range (AWG or kcmil) alum. or copper	Tool	Figure	Bolt size	Dimensions (in.) B	L	P
AL 1/0-48 TN	#6 str.-1/0 str.	VC 5/VC 6	1	½	1⅜	3 3/16	1 5/16
AL 1/0 NTN	#6 str.-1/0 str.	VC 5/VC 6	2	½	1⅜	5¼	3¼
ASL 1/0 NTN	#6 str.-1/0 str.	VC 5/VC 6	3	½	1⅜	5¼	3
AL 4/0-48 TN	#2 str.-4/0 str.	VC 5/VC 6	1	½	1 7/16	3 9/16	1⅜
AL 4/0 NTN	#2 str.-4/0 str.	VC 5/VC 6	2	½	2	6	3 5/16
ASL 4/0 NTN	#2 str.-4/0 str.	VC 5/VC 6	3	½	2	6	3
AL 300-48 TN	1/0 str.-300	VC 6	1	½	2¼	4	1 5/16
AL 300 NTN	1/0 str.-300	VC 6	2	½	2¼	6 9/16	3 9/16
AASL 300 NTN	1/0 str.-300	VC 6	3	½	2¼	6 9/16	3
SAB 500-48 TN	4/0 str.-500	VC 6	1	½	2½	4 9/16	1½
SAB 500 NTN	4/0 str.-500	VC 6	2	½	2¼	6⅜	3⅛
AASL 500 NTN	4/0 str.-500	VC 6	3	½	2½	6⅞	2⅞
AL 750 N 608 TN	4/0 str.-750	VC 8	2	½	3¾	8¼	3⅜

Diagrams

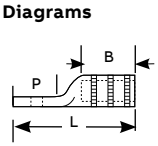


Fig. 1

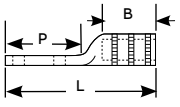


Fig. 2

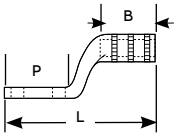


Fig. 3

To order a stud size not specified here with a terminal lug, substitute a "-58" suffix (designating a ⅝" stud) for a "-48" suffix (designating a ½" stud) to the catalogue number.

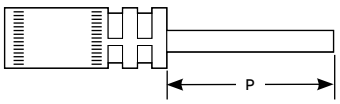
Pin terminals

The pins you need for hassle-free terminations

- The high strength and conductivity of aluminum and the flexibility of copper
- No compatibility

Cat. no.	Conductor size (AWG or kcmil)	Decimal range Min. O.D.	Max. O.D.	Tool	Cu pin	P
PTA 1/0	#10 sol.-1/0 ACSR	0.102	0.398	VC 5/6	#2	6
PTA 4/0	#4 sol.-4/0 ACSR	0.204	0.563	VC 5/6	2/0	6
PTA 350	2/0 str.-336.4 (18/1) ACSR	0.414	0.684	VC 6	4/0	6

Diagram



For tin-plated option, add "-TN" suffix to the catalogue number. For other pin lengths, please contact your ABB representative.

Aluminum lugs

Blackburn slotted-tang compression terminal lugs

Fig.1 Fig.2 Fig.3 Fig.4

Compress these lugs with standard tools and dies

- Use with a wide range of aluminum and copper conductors
- Prevents oxidation and keeps out moisture
- Boss fits the indent on the bus, preventing the lug from rotating
- The bus doesn't have to be removed
- RUS listed

Blackburn slotted-tang compression terminal lugs

		Conductor size (AWG or kcmil)				Installation dies	
Cat. no.	Color code	Concentric	Compressed compact	Sol.	Fig. no.	Mech. tool	Hydr. tool
LAC6	Blue	#6 str.	#6	#5	1	BY37, 840	B49EA, U-K840
LAC4	Orange	#4 str.	#4	#3.	1	BY37, 840	B49EA, U-K840
LAC3	Purple	#3 str.	–	#2	1	BY37, 840	B49EA, U-K840
LAC2	Red	#2 str.	#2	#1	1	BY37, 840	B49EA, U-K840
LAC1	White	#1 str.	#1	1/0	1	BY37, 840	B49EA, U-K840
LAC10	Yellow	1/0 str.	1/0	2/0	1	BY37, 840	B49EA, U-K840
LAC20	Grey	2/0 str.	2/0	3/0	2	BY37, 840U	B49EA, K840
LAC30	Black	3/0 str.	3/0	4/0	2	BY37, 840U	B49EA, K840
LAC40	Pink	4/0 str.	4/0	–	2	BY37, 840U	B49EA, K840
LAC42	Orange	#4 str.	#4	#3	2	BY37, 840U	B49EA, K840
LAC32	Purple	#3 str.	–	#2	2	BY37, 840U	B49EA, K840
LAC22	Red	#2 str.	#2	#1	2	BY37, 840U	B49EA, K840
LAC12	White	#1 str.	#1	1/0	2	BY37, 840U	B49EA, K840
LAC102	Yellow	1/0 str.	1/0	2/0	2	BY37, 840U	B49EA, K840
LAC202	Grey	2/0 str.	2/0	3/0	2	BY37, 840U	B49EA, K840
LAC302	Black	3/0 str.	3/0	4/0	2	BY37, 840U	B49EA, K840
LAC402	Pink	4/0 str.	4/0	–	2	BY37, 840U	B49EA, K840
LAC25	Green	350, 266.6	250	–	3	–	B80EA, 1.1, 655
LAC35	Brown	300, 350	350	–	3	–	B80EA, 1.1, 655
LAC50	Aqua	400, 500	500	–	3	–	B80EA, 1.1, 655
LAC125	Green	250, 266.8	250	–	4	–	B80EA, 1.1, 655
LAC135	Brown	300, 350	350	–	4	–	B80EA, 1.1, 655
LAC150	Aqua	400, 500	500	–	4	–	B80EA, 1.1, 655

Aluminum lugs

Bi-metallic lugs

CPL 2-48

CPL 600 N

Corrosion-resistant one- and two-hole lugs for ACSR and aluminum conductors

- Provides high strength
- Provides high conductivity and corrosion resistance
- Prevents oxidation and keeps out moisture

Bi-metallic lugs

	Conductor size (AWG or kcmil)		
Cat. no.	**ACSR**	**Al**	**Bolt size (in.)**
CPL series – One hole			
CPL 4-48	#4	#4	½
CPL 2-48	#2	#2	½
CPL 1/0-48	1/0	1/0	½
CPL 4/0-48	4/0	4/0	½
CPL-N series – Two hole			
CPL 4 N	#4	#4	½
CPL 2 N	#2	#2	½
CPL 1/0 N	1/0	1/0	½
CPL 2/0 N	2/0	2/0	½
CPL 3/0 N	3/0	3/0	½
CPL 4/0 N	4/0	4/0-250	½
CPL 300 N	266.8	266.8-300	½
CPL 350 N	336.4	336.4-350	½
CPL 477 N	397.5	396.5-477	½
CPL 556 N	477	500-556.5	½
CPL 600 N	556.5	600	½
CPL 800 N	605-666.6	715.5-800	½
CPL 1000 N	715.5-874.5	874.5-1,000	½
CPL 1113 N	900-1113	1,033.5-1,113	½
CPL 2000 N	1,780-1,900	2,000	½

Aluminum splices

CSA non-tension splices

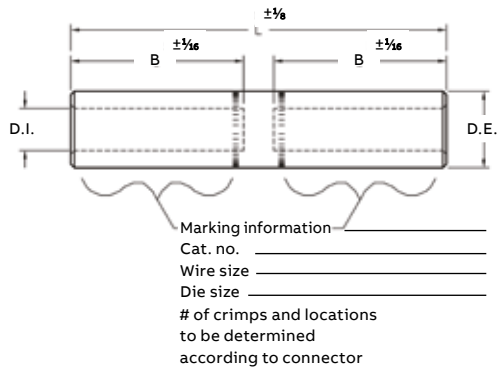
Compress these lugs with standard tools and dies

- Provides high strength and high conductivity
- Assures proper cable insertion
- Use with aluminum and copper conductors
- Prevents oxidation and keeps out moisture
- Easy identification
- Meets or exceeds ANSI C119.4 specifications

CSA non-tension splices

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

Diagram



Finish: Tin-plated optional, use suffix “TN”.
Material: E.C. grade aluminum.
Connector bores are coated with HM 53 a oxide-inhibiting compound and capped.

Aluminum splices

Tin-plated straight splices for general applications

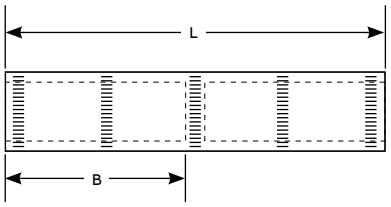
ASC 1000

- Provides high strength and high conductivity
- Assures proper cable insertion
- Use with aluminum and copper conductors
- Prevents oxidation and keeps out moisture
- Easy identification
- Meets or exceeds ANSI C119.4 specifications

Tin-plated straight splices for general applications

	Conductor range (AWG or kcmil)			Dimensions (in.)		
Cat. no.	**Concentric**	**Compact**	**ACSR**	**L**	**B**	**Installing dies**
ASC 6	#6	–	–	1 5/8	3/4	TP, 29, 161, 5/16
ASC 4	#4	–	–	2	1	TB, 37, 375, 162
ASC 2	#2	–	–	2	15/16	TQ, 45, 348, 163, 1/2, 6A
ASC 1	#1	–	–	2	15/16	TQ, 45, 348, 163, 1/2
ASC 1/0	1/0	–	–	2 1/4	31/32	TU, 52, BG, 243, 5/8
ASC 2/0	2/0	–	–	2 5/16	1 3/32	TW-TY, 58, 297, 5/8-1
ASC 3/0	3/0	–	–	2 5/8	1 1/4	TV, 66, 167, 467, 10A
ASC 4/0	4/0	–	–	2 3/4	1 5/16	TX, 71H, 298, 840, 11A
ASC 250	4/0-250	300	4/0	2 15/16	1 3/8	TX, 76, 249, 840, 11A
ASC 300	266.8-300	350	266.8 (18/1)	3 1/8	1 7/16	TH, 87H, 251, 470, 1, 12A
ASC 350	336.4-350	400	266.8 (26/7), 336.4 (18/1)	3 3/8	1 39/64	96, 299, 655, 1 (1/8-1), 13A
ASC 400	397.5-400	–	336.4 (26/7), 397.5 (18/1)	3 3/4	1 3/4	96, 472, 655, 1 (1/8-1), 13A
ASC 500	477-500	600	397.5 (26/7), 477 (18/1)	3 7/8	1 27/32	106A, 300, 317, 1 5/16, 14A
ASC 600	550-600	–	477 (26/7), 556.5 (18/1)	4 1/8	1 15/16	1 5/16, 115H, 786, 936, 473
ASC 750	700-750	–	636 (26/7)	4 11/16	2 7/32	140H, 301, 342, 1 1/2
ASC 750-608*	700-750	–	636 (26/7)	4 11/16	2 7/32	125H, 608, 786, 1 1/2, 936
ASC 800	800	–	–	4 3/4	2 1/4	140H, 342, 474, 1 1/2
ASC 1000	954-1,000	–	795 (26/7), 954 (45/7)	5 1/4	2 3/8	161, 292, 302, 319, 1 3/4
ASC 1250	1,250	–	–	8	3 11/16	161, 727, 352, 1 7/8
ASC 1500	1,500	–	–	6 1/2	3 1/8	189, 478, 728

Diagram



* Not UL listed.
For tin-plated splices add "-TN" suffix to the catalogue number. Tin-plated splices with are UL listed through 1,000 kcmil.

Aluminum splices

Straight splices for general applications

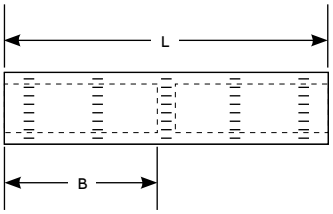
AC 1000

- Provides high strength and high conductivity
- Ensures proper cable insertion
- Use with aluminum and copper conductors
- Prevents oxidation and keeps out moisture
- Easy identification
- Meets or exceeds ANSI C119.4 specifications

Straight splices for general applications

	Conductor range (AWG or kcmil)			Dimensions (in.)		
Cat. no.	**Concentric**	**Compact**	**ACSR**	**L**	**B**	**Installing dies**
AC 4	#4	–	–	2¼	1	TB, 37, 375
AC 2	#2	–	–	3 15/32	1 37/64	TQ, 45, 348, 163, ½
AC 1	#1	–	–	3 15/32	1 37/64	TQ, 45, 348, 163, ½
AC 1/0	1/0	–	–	3 11/16	1 13/32	TU, 52, BG, 243, ⅝, 8A
AC 2/0	2/0	–	–	3 11/16	1 13/32	TU, 52, BG, 243, ⅝, 8A
AC 3/0	3/0	–	–	4	1¾	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 5/16	TX, 76, 249, 840, 11A
AC 300	266.8-300	–	266.8 (18/1)	5¾	2 11/16	TH, 87H, 251, 840, 470, 12A
AC 350	336.4-350	–	266.8 (26/7), 336.4 (18/1)	6⅝	3⅛	96, 299, 655, 1 (⅛-1), 13A
AC 400	397.5-400	–	336.4 (26/7), 397.5 (18/1)	7 9/32	3½	96, 472, 655, 705, 1 (⅛-1), 13A
AC 500	477-500	600	397.5 (26/7, 30/7), 477 (18/1)	7 19/32	3 37/64	106A, 300, 317, 1 5/16, 14A
AC 600	600	–	477 (26/7), 556.5 (18/1)	7 27/32	3 47/64	1 5/16, 115H, 786, 936, 473
AC 750	700-750	–	636 (26/7)	8 9/32	3 31/32	140H, 301, 342, 1½
AC 800	750-800	–	636 (30/19), 715.5 (54/7)	8½	4 1/16	140H, 474, 342, 724, 1½H, 1⅝
AC 1000	954-1,000	–	795 (26/7), 954 (45/7)	9 15/16	4 9/32	161, 292, 302, 319, 1¾

Diagram



Aluminum splices

Straight reducing splices

AC 500 R 400

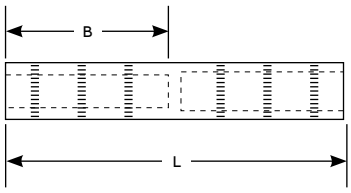
Solid center stop ensures proper cable insertion

- Provides high strength and high conductivity
- Use with aluminum and copper conductors
- Prevents oxidation
- Easy identification
- Meets or exceeds ANSI C119.4 specifications

Straight reducing splices

	Wire size (AWG or kcmil)		Dimensions (in.)		
Cat. no.	**From**	**To**	**L**	**B**	**Installing dies**
AC 2 R 4	#2	#4	4 9/16	1 7/8	TQ, 45, 348, 6A, 1/2
AC 1/0 R 2	1/0	#2	4 9/16	1 7/8	8A, BG, TU, 5/8
AC 2/0 R 1	2/0	#1	4 9/16	1 7/8	TWTY, 60, 245, 9A, 5/8, 1
AC 3/0 R 1/0	3/0	1/0	5	2	781, TU, 56
AC 4/0 R 2/0	4/0	2/0	5 1/4	2 1/8	TX, 71H, 298, 11A, 840
AC 250 R 3/0	250	3/0	5 1/4	2 1/8	840, 11A, 249, TX
AC 300 R 4/0	300	4/0	8 3/16	3 17/32	96, 299, 1 1/8
AC 350 R 4/0	350	4/0	8 3/16	3 17/32	96, 299, 1 1/8
AC 400 R 250	400	250	8 19/32	3 11/16	96, 472, 1 1/8
AC 500 R 300	500	300	8 19/32	3 13/16	106, 300, 317, 1 5/16
AC 500 R 350	500	350	8 11/16	3 13/16	106, 300, 317, 1 5/16
AC 500 R 400	500	400	8 7/8	3 13/16	106, 300, 317, 1 5/16
AC 600 R 350	600	350	8 7/8	3 15/16	115, 473, 1 5/16
AC 600 R 500	600	500	9 1/4	3 15/16	115, 473, 1 5/16
AC 750 R 500	750	500	9 5/8	4 7/32	140, 301, 1 1/2
AC 750 R 600	750	600	9 5/8	4 7/32	140, 301, 1 1/2
AC 1000 R 500	1,000	500	9 7/8	4 5/8	161, 302, 1 3/4
AC 1000 R 750	1,000	750	9 7/8	4 5/8	161, 302, 1 3/4

Diagram



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

Aluminum splices

Straight splices – Common die series

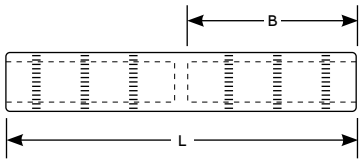
Splices designed for general URD applications

- Lessens your die inventory
- Provides high strength and high conductivity
- Assures proper cable insertion
- Use with aluminum and copper conductors
- Prevents oxidation
- Easy identification
- Meets or exceeds ANSI C119.4 specifications

Straight splices – Common die series

	Conductor range (AWG or kcmil)				Dimensions (in.)		
Cat. no.	Concentric	Compressed	Compact	Solid	L	B	Installing dies
SAC 4	#4	#4	#4	–	3	1 13/32	5/8, 8A, BG, TU, 52
SAC 2	#2	#2	#1, #2	#1	3	1 13/32	CSA 22, 5/8, 8A, BG
SAC 1	#1	#1	1/0	1/0	3	1 13/32	CSA 22, 5/8, 8A, BG
SAC 1/0	1/0	1/0	2/0	2/0	3	1 13/32	CSA 22, 5/8, 8A, BG
SAC 2/0	2/0	2/0	3/0	3/0	4	1 7/8	840, 249, TX, CSA 24
SAC 3/0	3/0	3/0	4/0	–	4	1 7/8	840, 249, TX, CSA 24, 845
SAC 4/0	4/0	4/0	4/0, 250	–	4	1 7/8	840, 249, TX, CSA 24, 845
SAC 250	250	250	–	–	4	1 7/8	840, 249, TX, CSA 24, 11A
SAC 300	300	300	–	–	5	2 3/8	96, 299, 655, 1 (1/8-1), 13A
SAC 350	350	350	–	–	5	2 3/8	96, 299, 655, 321, 1 (1/8-1), 13A
SAC 400	400	400	500	–	5 11/16	2 5/8	106A, 300, 317, 15A
SAC 500	477-500	–	600	–	5 11/16	2 5/8	106A, 300, 317, 1 5/16, 15A
SAC 600	600	–	–	–	7	3 3/8	1 1/2, 140, 301, 724
SAC 750	700-750	–	–	–	7	3 13/32	140H, 301, 342, 724, 1 1/2
SAC 1000	1,000	–	–	–	7	3 5/16	1 3/4, 161, 302, 292, 319

Diagram



Aluminum splices

Straight reducing splices – Common die series

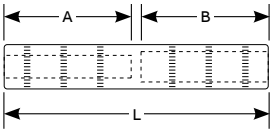
Reducers for general URD applications

- Lessens your die inventory
- Use with aluminum and copper conductors
- Prevents oxidation
- Easy identification
- Meets or exceeds ANSI C119.4 specifications

Straight reducing splices – Common die series

	Side A			Side B					
Cat. no.	Concentric/ compressed	Compact	Solid	Concentric/ compressed	Compact	Solid	A-B (in.)	L (in.)	Installing dies
SAC 4 R 6	#4	#4	–	#6	#6	–	1 7/16	3	CSA 22, 5/8, BG, 243
SAC 2 R 4	#2	#1, #2	#1	#4	#4		1 7/16	3	CSA 22, 5/8, BG, 243
SAC 1 R 2	#1	1/0	1/0	#2	#1, #2	#1	1 7/16	3	CSA 22, 5/8, BG, 243
SAC 1/0 R 4	1/0	2/0	2/0	#4	#4	–	1 7/16	3	CSA 22, 5/8, BG, 243
SAC 1/0 R 2	1/0	2/0	2/0	#2	#1, #2	#1	1 7/16	3	CSA 22, 5/8, BG, 243
SAC 1/0 R 1	1/0	2/0	2/0	#1	1/0	1/0	1 7/16	3	CSA 22, 5/8, BG, 243
SAC 2/0 R 2	2/0	3/0	3/0	#2	#1, #2	#1	1 7/8	4	840, 249, TX, CSA 24
SAC 2/0 R 1/0	2/0	3/0	3/0	1/0	2/0	2/0	1 7/8	4	840, 249, TX, CSA 24
SAC 3/0 R 1/0	3/0	4/0	–	1/0	2/0	2/0	1 7/8	4	840, 249, TX, CSA 24
SAC 3/0 R 2/0	3/0	4/0	–	2/0	3/0	3/0	1 7/8	4	840, 249, TX, CSA 24
SAC 4/0 R 2	4/0	250	–	#2	#1, #2	#1	1 7/8	4	840, 249, TX, CSA 24
SAC 4/0 R 1/0	4/0	250	–	1/0	2/0	2/0	1 7/8	4	840, 249, TX, CSA 24
SAC 4/0 R 2/0	4/0	250	–	2/0	3/0	3/0	1 7/8	4	840, 249, TX, CSA 24
SAC 250 R 3/0	250	–	–	3/0	4/0	–	1 7/8	4	840, 249, TX, CSA 24
SAC 250 R 4/0	250	–	–	4/0	250	–	1 7/8	4	840, 249, TX, CSA 24
SAC 300 R 250	300	–	–	4/0-250	–	–	2 3/8	5	96, 299, 655, 1 (1/8-1), 13A
SAC 350 R 2	350	–	–	#2	#1, #2	#1	2 3/8	5	96, 299, 655, 1 (1/8-1), 13A
SAC 350 R 1/0	350	–	–	1/0	2/0	2/0	2 3/8	5	96, 299, 655, 1 (1/8-1), 13A
SAC 350 R 2/0	350	–	–	2/0	3/0	3/0	2 3/8	5	96, 299, 655, 1 (1/8-1), 13A
SAC 350 R 3/0	350	–	–	3/0	4/0	–	2 3/8	5	96, 299, 655, 1 (1/8-1), 13A
SAC 350 R 4/0	350	–	–	4/0	250	–	2 3/8	5	96, 299, 655, 1 (1/8-1), 13A
SAC 350 R 250	350	–	–	250	–	–	2 3/8	5	96, 299, 655, 1 (1/8-1), 13A
SAC 500 R 2	500	–	–	#2	–	–	2 21/32	5 11/16	1 5/16, 15A, 300, 106, 317
SAC 500 R 1/0	500	–	–	1/0	–	–	2 21/32	5 11/16	1 5/16, 15A, 300, 106, 317
SAC 500 R 2/0	500	–	–	2/0	–	–	2 21/32	5 11/16	1 5/16, 15A, 300, 106, 317
SAC 500 R 3/0	500	–	–	3/0	–	–	2 21/32	5 11/16	1 5/16, 15A, 300, 106, 317
SAC 500 R 4/0	500	–	–	4/0	250	–	2 21/32	5 11/16	1 5/16, 15A, 300, 106, 317
SAC 500 R 300	500	–	–	300	–	–	2 21/32	5 11/16	1 5/16, 15A, 300, 106, 317
SAC 500 R 350	500	–	–	350	–	–	2 21/32	5 11/16	1 5/16, 15A, 300, 106, 317
SAC 500 R 400	500	–	–	400	–	–	2 21/32	5 11/16	1 5/16, 15A, 300, 106, 317
SAC 750 R 1/0	750	–	–	1/0	–	–	3	6 1/4	140H, 301, 342
SAC 750 R 4/0	750	–	–	4/0	250	–	3	6 1/4	140H, 301, 342
SAC 750 R 250	750	–	–	250	–	–	3	6 1/4	140H, 301, 342
SAC 750 R 350	750	–	–	350	–	–	3	6 1/4	140H, 301, 342
SAC 750 R 500	750	–	–	500	–	–	3	6 1/4	140H, 301, 342
SAC 1000 R 400	1,000	–	–	400	–	–	3 3/8	7	161, 302, 292, 319, 1-3/4
SAC 1000 R 500	1,000	–	–	500	–	–	3 3/8	7	161, 302, 292, 319, 1-3/4
SAC 1000 R 750	1,000	–	–	750	–	–	3 3/8	7	161, 302, 292, 319, 1-3/4

Diagram



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

Aluminum splices

Tin-plated straight splices – ⅝-in. Common die series

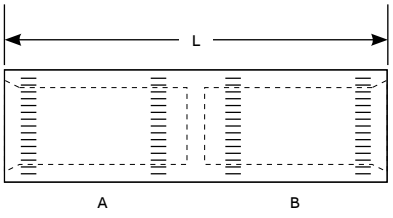
Built to resist corrosion and provide high strength and high conductivity

- Provides high strength and high conductivity
- Assures accurate wire positioning and forces oxide inhibitor over and through conductor strands
- Use with aluminum and copper conductors
- Resists corrosion and extends shelf life
- Improves contact and seals out moisture after installation
- Seal splices from contaminants
- Easy identification and installation
- Meets or exceeds ANSI C119.4 specifications

Tin-plated straight splices – ⅝-in. Common die series

	Wire size (AWG or kcmil)		Conductor			
Cat. no.	A	B	A	B	Installing dies	L (in.)
SG 88	#8	#8	Al-Cu	Al-Cu	⅝, 8A, BG, TU, 243	2
SG 68	#6	#8	Al-Cu	Al-Cu	⅝, 8A, BG, TU, 243	2
SG 66	#6	#6	Al-Cu	Al-Cu	⅝, 8A, BG, TU, 243	2
SG 48	#4	#8	Al-Cu	Al-Cu	⅝, 8A, BG, TU, 243	2
SG 46	#4	#6	Al-Cu	Al-Cu	⅝, 8A, BG, TU, 243	2
SG 44	#4	#4	Al-Cu	Al-Cu	⅝, 8A, BG, TU, 243	2
SG 24	#2	#4	Al-Cu	Al-Cu	⅝, 8A, BG, TU, 243	2
SG 22	#2	#2	Al-Cu	Al-Cu	⅝, 8A, BG, TU, 243	2
SG 11	#1	#1	Al-Cu	Al-Cu	⅝, 8A, BG, TU, 243	2
SG 106	1/0	#6	Al-Cu	Al-Cu	⅝, 8A, BG, TU, 243	2
SG 104	1/0	#4	Al-Cu	Al-Cu	⅝, 8A, BG, TU, 243	2
SG 102	1/0	#2	Al-Cu	Al-Cu	⅝, 8A, BG, TU, 243	2
SG 1010	1/0	1/0	Al-Cu	Al-Cu	⅝, 8A, BG, TU, 243	2
SG 206	2/0	#6	Al	Al	⅝, 8A, BG, TU, 243	2⅛
SG 204	2/0	#4	Al	Al	⅝, 8A, BG, TU, 243	2⅛
SG 202	2/0	#2	Al	Al	⅝, 8A, BG, TU, 243	2⅛
SG 2010	2/0	1/0	Al	Al	⅝, 8A, BG, TU, 243	2⅛
SG 2020	2/0	2/0	Al	Al	⅝, 8A, BG, TU, 243	2⅛

Diagram



Aluminum tapered tees

For aluminum and copper connections

AT 350-350

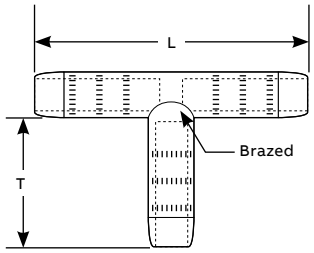
For aluminum and copper connections, these dual-rated components suit you to a tee

- Provides high strength and high conductivity
- Use with aluminum and copper conductors
- Prevents oxidation
- Easy identification
- Meets or exceeds ANSI C119.4 specifications

For aluminum and copper connections

	Conductor range (AWG or kcmil)		Dimensions (in.)	
Cat. no.	**Run**	**Tap**	**L**	**T**
AT 2-4	#2	#4	5½	2½
AT 2-2	#2	#2	5½	2½
AT 1/0-4	1/0	#4	5½	2½
AT 1/0-2	1/0	#2	5½	2½
AT 1/0-1/0	1/0	1/0	5½	2½
AT 2/0-2	2/0	#2	5½	2½
AT 2/0-1/0	2/0	1/0	6	2½
AT 2/0-2/0	2/0	2/0	6	2½
AT 3/0-2	3/0	#2	6	3
AT 3/0-1/0	3/0	1/0	6	3
AT 3/0-3/0	3/0	3/0	6	3
AT 4/0-2	4/0	#2	6	3
AT 4/0-1/0	4/0	1/0	6	3
AT 4/0-2/0	4/0	2/0	6	3
AT 4/0-4/0	4/0	4/0	6	3⅛
AT 250-2	250	#2	6	3⅛
AT 250-1/0	250	1/0	6	3⅛
AT 250-2/0	250	2/0	6	3⅛
AT 250-3/0	250	3/0	6	3⅛
AT 250-250	250	250	6	3⅛
AT 300-1/0	300	1/0	6⅝	3⅛
AT 300-2/0	300	2/0	6⅝	3⅛
AT 300-4/0	300	4/0	6⅝	3⅛
AT 300-300	300	300	6⅝	3⅛
AT 350-2	350	#2	6⅝	2½
AT 350-1/0	350	1/0	6⅝	2½
AT 350-3/0	350	3/0	6⅝	3
AT 350-4/0	350	4/0	6⅝	3
AT 350-350	350	350	6⅝	3⅛
AT 500-1/0	500	1/0	8	3
AT 500-4/0	500	4/0	8	3
AT 500-350	500	350	8	3⅛
AT 500-500	500	500	8	3⅛
AT 750-1/0	750	1/0	8	2½
AT 750-4/0	750	4/0	8	3
AT 750-350	750	350	8	3⅛
AT 750-500	750	500	9	3⅞
AT 750-750	750	750	9	3½
AT 1000-4/0	1,000	4/0	9⅞	3⅛
AT 1000-350	1,000	350	9⅞	3⅛
AT 1000-500	1,000	500	9⅞	5½
AT 1000-750	1,000	750	9⅞	7⅛
AT 1000-1000	1,000	1,000	9⅞	7⅛

Diagram



For tin-plated option, add "-TN" suffix to the catalogue number.
For other available sizes, please consult your ABB representative.

Aluminum tapered tees

For high-voltage applications

ATT 350-350

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

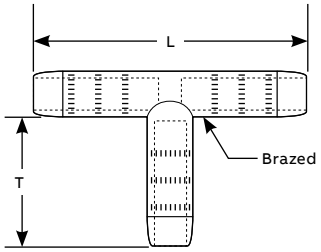
- Provides high strength and high conductivity
- Enable use in high-voltage applications up to 69 kV
- Use with aluminum and copper conductors
- Prevents oxidation
- Easy identification
- Meets or exceeds ANSI C119.4 specifications

For high-voltage applications

	Conductor range (AWG or kcmil)		Dimensions (in.)	
Cat. no.	Run	Tap	L	T
ATT 2-4	#2	#4	4¼	2½
ATT 2-2	#2	#2	4¼	2½
ATT 1/0-4	1/0	#4	5½	2½
ATT 1/0-2	1/0	#2	5½	2½
ATT 1/0-1/0	1/0	1/0	5½	2½
ATT 2/0-2	2/0	#2	6	2½
ATT 2/0-1/0	2/0	1/0	6	2½
ATT 2/0-2/0	2/0	2/0	6	2½
ATT 3/0-2	3/0	#2	6⅝	3
ATT 3/0-1/0	3/0	1/0	6⅝	3
ATT 3/0-3/0	3/0	3/0	6⅝	3
ATT 4/0-2	4/0	#2	6⅝	2½
ATT 4/0-1/0	4/0	1/0	6⅝	2½
ATT 4/0-2/0	4/0	2/0	6⅝	2½
ATT 4/0-4/0	4/0	4/0	6⅝	3
ATT 250-2	250	#2	6⅝	3
ATT 250-1/0	250	1/0	6⅝	3
ATT 250-2/0	250	2/0	6⅝	3
ATT 250-3/0	250	3/0	6⅝	3
ATT 250-250	250	250	6⅝	3
ATT 300-1/0	300	1/0	6⅝	3⅛
ATT 300-2/0	300	2/0	6⅝	3⅛
ATT 300-4/0	300	4/0	6⅝	3⅛
ATT 300-300	300	300	6⅝	3⅛

	Conductor range (AWG or kcmil)		Dimensions (in.)	
Cat. no.	Run	Tap	L	T
ATT 350-2	350	#2	6⅝	2½
ATT 350-1/0	350	1/0	6⅝	2½
ATT 350-3/0	350	3/0	6⅝	3
ATT 350-4/0	350	4/0	6⅝	3
ATT 350-350	350	350	6⅝	3¼
ATT 400-1/0	400	1/0	7¾	4
ATT 400-4/0	400	4/0	7¾	4
ATT 400-400	400	400	7¾	4
ATT 500-1/0	500	1/0	7¾	4
ATT 500-4/0	500	4/0	8	3
ATT 500-350	500	350	8	3⅛
ATT 500-500	500	500	8	5½
ATT 750-1/0	750	1/0	8	3
ATT 750-4/0	750	4/0	8	3
ATT 750-350	750	350	8	3⅛
ATT 750-500	750	500	9	5½
ATT 750-750	750	750	9	4
ATT 1000-4/0	1,000	4/0	9⅞	3⅛
ATT 1000-350	1,000	350	9⅞	3⅛
ATT 1000-500	1,000	500	9⅞	5½
ATT 1000-750	1,000	750	9⅞	6
ATT 1000-1000	1,000	1,000	9⅞	6
ATT 1500-1500	1,500	1,500	14	6

Diagram



For tin-plated option, add "-TN" suffix to the catalogue number.
For other available sizes, please consult your ABB representative.

Copper lugs

Copper tin-plated one-hole lugs

L 750-48

Tin-plated lugs resist corrosion

- Provides high conductivity
- Minimizes voltage drop
- Easy identification
- UL listed and CSA certified

Copper tin-plated one-hole lugs

Cat. no.	Wire size (AWG or kcmil)	Bolt size (in.)	Installing dies
L 8-10	#8	10	TC, 21, 171, 236
L 8-14	#8	¼	TC, 21, 171, 236
L 8-38	#8	⅜	TC, 21, 171, 236
L 8-48	#8	½	TC, 21, 171, 236
L 6-10	#6	10	7, TE, 24
L 6-14	#6	¼	7, TE, 24
L 6-516	#6	5⁄16	7, TE, 24
L 6-38	#6	⅜	7, TE, 24
L 4-14	#4	¼	7, TE, 24
L 4-516	#4	5⁄16	7, TE, 24
L 4-38	#4	⅜	7, TE, 24
L 2-14	#2	¼	⅜, 10, TL-TN, 33, 162
L 2-516	#2	5⁄16	⅜, 10, TL-TN, 33, 162
L 2-38	#2	⅜	⅜, 10, TL-TN, 33, 162
L 2-48	#2	½	⅜, 10, TL-TN, 33, 162
L 1-14	#1	¼	11, TB, 37
L 1-516	#1	5⁄16	11, TB, 37
L 1-38	#1	⅜	11, TB, 37
L 1-48	#1	½	11, TB, 37
L 1/0-516	1/0	5⁄16	½, 12, TQ, 42, 163
L 1/0-38	1/0	⅜	½, 12, TQ, 42, 163
L 1/0-48	1/0	½	½, 12, TQ, 42, 163
L 2/0-516	2/0	5⁄16	13, TS, 45, 164, 241
L 2/0-38	2/0	⅜	13, TS, 45, 164, 241
L 2/0-48	2/0	½	13, TS, 45, 164, 241

Cat. no.	Wire size (AWG or kcmil)	Bolt size (in.)	Installing dies
L 3/0-516	3/0	5-16	⅝, 14, TU, 50, 243, BG
L 3/0-38	3/0	⅜	⅝, 14, TU, 50, 243, BG
L 3/0-48	3/0	½	⅝, 14, TU, 50, 243, BG
L 4/0-516	4/0	5⁄16	15, TW-TY, 54, 243
L 4/0-38-HM	4/0	⅜	15, TW-TY, 54, 243
L 4/0-48	4/0	½	15, TW-TY, 54, 243
L 250-38	250	⅜	11⁄16, 16, TR, 60, 166
L 250-48	250	½	11⁄16, 16, TR, 60, 166
L 300-38	300	⅜	781, 17, TV, 66
L 300-48	300	½	781, 17, TV, 66
L 300-58	300	⅝	781, 17, TV, 66
L 350-38	350	⅜	840, 18, TX, 71
L 350-48	350	½	840, 18, TX, 71
L 350-58	350	⅝	840, 18, TX, 71
L 400-48	400	½	840, 19, TX, 76
L 400-58	400	⅝	840, 19, TX, 76
L 500-48	500	½	20, TH, 87, 281
L 500-58	500	⅝	20, TH, 87, 281
L 600-48	600	½	1⅛-1, 96
L 600-58	600	⅝	1⅛-1, 96
L 750-48	750	½	1⅛-2, 106
L 750-58	750	⅝	1⅛-2, 106
L 750-68	750	¾	1⅛-2, 106
L 1000-48	1,000	½	642, 125
L 1000-58	1,000	⅝	642, 125
L 1000-68	1,000	¾	642, 125

Copper lugs

Tin-plated two-hole straight and stacking NEMA lugs for general applications

L 2/0 N

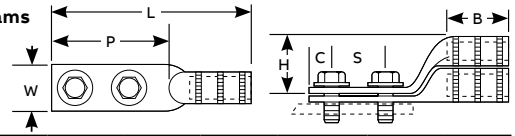
L 1000 NT

- Provides high conductivity
- Minimizes voltage drop
- Resists corrosion
- Provides ¾" and ⅞" bolt hole centers for added versatility
- UL listed and CSA certified

Tin-plated two-hole straight and stacking NEMA lugs for general applications

Straight lug Cat. no.	Stacking lug Cat. no.	Wire size (AWG or kcmil)	Bolt size (in.)	Installing dies	Dimensions (in.) B	C	L	P	S	W	H
L 6-214	–	#6	¼	7, TE, 27	1⅛	5/16	2 13/16	1 5/16	⅝	7/16	-
L 6-2516	–	#6	5/16	7, TE, 27	1⅛	5/16	2 11/16	1 5/16	⅝	7/16	-
L 6 N	–	#6	½	7, TE, 27	1⅛	⅝	5	3⅛	1¾	¾	-
L 4-214	–	#4	¼	5/16, 8, TP, 29, IC, 1	1⅛	5/16	2¾	1 5/16	⅝	½	-
L 4-2516	–	#4	5/16	5/16, 8, TP, 29, IC, 1	1⅛	5/16	2¾	1 5/16	⅝	½	-
L 4 N	–	#4	½	5/16, 8, TP, 29, IC, 1	1⅛	⅝	5	3⅛	1¾	¾	-
L 2-214	–	#2	¼	⅜, 10, TL-TN, 33, 162	1¼	⅜	3⅛	1½	⅝	⅝	-
L 2-2516	–	#2	5/16	⅜, 10, TL-TN, 33, 162	1¼	⅜	3 5/16	1⅝	¾ - ⅞	⅝	-
L 2 N	–	#2	½	⅜, 10, TL-TN, 33, 162	1¼	⅝	4¾	3	1 5/16	¾	-
L 1-214	–	#1	¼	⅜, 11, TB, 37	1⅜	⅜	3⅜	1⅝	⅝	11/16	-
L 1-2516	–	#1	5/16	⅜, 11, TB, 37	1½	5/16	3⅜	1⅝	¾ - ⅞	11/16	-
L 1 N	–	#1	½	⅜, 11, TB, 37	1½	⅝	4⅞	3	1¾	¾	-
L 1/0-238	–	1/0	⅜	½, 12, TQ, 42, 163	1⅜	⅝	3 7/16	1⅝	⅞	¾	-
L 1/0-2516	–	1/0	5/16	½, 12, TQ, 42, 163	1⅜	⅝	3 7/16	1⅝	¾ - ⅞	¾	-
L 1/0 N	–	1/0	½	½, 12, TQ, 42, 163	1 7/16	⅝	4⅞	3	1¾	¾	-
L 2/0-238	–	2/0	⅜	9/16, 13, TS, 45, 164	1½	⅝	5 1/16	3	1¾	⅞	-
L 2/0 N	SL 2/0 N	2/0	½	9/16, 13, TS, 45, 164	1½	⅝	5 1/16	3	1¾	⅞	1½
L 3/0-238	–	3/0	⅜	⅝, 14, TU, 50, BG	1½	⅝	5⅛	3	1¾	15/16	-
L 3/0 N	SL 3/0 N	3/0	½	⅝, 14, TU, 50, BG	1½	⅝	5⅛	3	1¾	15/16	1⅝
L 4/0-238	–	4/0	⅜	⅝-1, 15, TW-TY, 54, 243	1⅝	⅝	5 3/16	3	1¾	11/16	-
L 4/0 N	SL 4/0 N	4/0	½	⅝-1, 15, TW-TY, 54, 243	1⅝	⅝	5 3/16	3	1¾	11/16	1 9/16
L 250-238	–	250	⅜	11/16, 16, TR, 60, 116	1 11/16	⅝	5 3/16	3	1¾	1⅛	-
L 250 N	SL 250 N	250	½	11/16, 16, TR, 60, 116	1 11/16	⅝	5 7/16	3	1¾	1⅛	1 11/16
L 300-238	–	300	⅜	781, 17, TV, 66, 11/16	2	⅝	5¾	3	1¾	1¼	-
L 300 N	SL 300 N	300	½	781, 17, TV, 66, 11/16	2	⅝	5¾	3	1¾	1¼	1¾
L 350-238	–	350	⅜	840, 18, TX, 71	2	⅝	5¾	3	1¾	1 15/16	-
L 350 N	SL 350 N	350	½	840, 18, TX, 71	1⅞	⅝	5¾	3	1¾	1 15/16	-
L 400-238	–	400	⅜	15/16, 19, TX, 76, 840	2⅛	⅝	6	3 1/16	1¾	1 7/16	-
L 400 N	SL 400 N	400	½	15/16, 19, TX, 76, 840	2⅛	⅝	6	3⅛	1¾	1 7/16	2⅛
L 500 N	SL 500 N	500	½	1, 20, TH, 87, 251	2¼	⅝	6 1/16	3⅛	1¾	1 9/16	2⅛
L 600 N	SL 600 N	600	½	1 (⅛-1), 22, 96	2⅝	⅝	6¾	3⅛	1¾	1 11/16	2 3/16
L 750 N	SL 750 N	750	½	1 5/16, 106, 24	2 13/16	⅝	7	3⅛	1¾	1¾	2⅝
L 1000 NT	SL 1000 NT	1,000	½	27, 1½, 125	2 15/16	⅝	7¼	3¼	1¾	1¾	3
L 1250 N*	–	1,250	½	150, 29, 1⅝	3	⅝	7⅜	3⅜	1¾	2 3/16	-
L 1500 N*	–	1,500	½	1¾, 31, 150	3 3/16	⅝	7½	3	1¾	2 11/16	-
L 2000 N*	–	2,000	½	2.00, 34, 175	3 3/16	⅝	8 1/16	3 3/16	1¾	3 1/16	-

Diagrams



The "N" suffix on the catalogue number indicates NEMA bolt spacing of 1¾". For other available sizes, please consult your ABB representative.
* L 1250 N, L 1500 N and L 2000 N are not UL listed or CSA certified.

Copper lugs

Tin-plated four-hole NEMA lugs

L 1500 4N

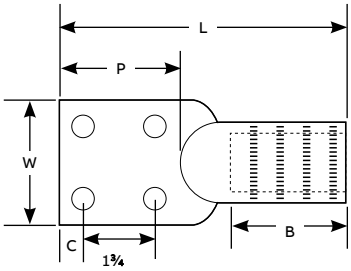
These four-hole NEMA lugs are great for a standard installation

- Resistance against corrosion
- Easy identification

Tin-plated four-hole NEMA lugs

Cat. no.	Wire size (AWG or kcmil)	Bolt size (in.)	Installing dies	Dimensions (in.) B	C	L	P	W
L 750 4N	750	½	106, 21, 209, 1 5/16	4 3/8	5/8	8 7/8	3 3/16	3
L 1000 4N	1,000	½	786, 1 ½, 27, 125, 642	4 3/8	5/8	9 1/8	3 5/16	3
L 1500 4N	1,500	½	1 ¾, 31, 150, 302	3 3/16	5/8	7 ½	3	2 5/8
L 2000 4N	2,000	½	2.00, 34, 175	3 3/16	5/8	8 1/16	3 3/16	3 1/16

Diagram



Copper lugs

Heavy-duty two-hole NEMA lugs

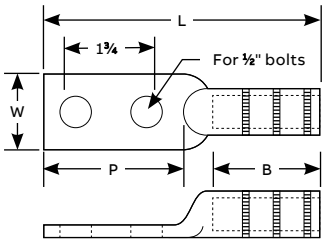
- Heavy-wall lugs for grounding and other critical applications
- Able to handle the most severe heavy-loading applications
- Ease cable insertion

Heavy-duty two-hole NEMA lugs

Meets **IEEE** 837 requirements

Cat. no.	Wire size (AWG or kcmil)	Installing dies*	Dimensions (in.) B	L	P	W
HDL 2 N	#2	15508SS	1½	5¼	3	13/16
HDL 1 N	#1	15526SS	1½	5¼	3	13/16
HDL 1/0 N	1/0	15530SS	1½	5¼	3	13/16
HDL 2/0 N	2/0	155 11SS	1¾	5½	3	15/16
HDL 3/0 N	3/0	15532SS	1 11/16	5 3/16	3	1
HDL 4/0 N	4/0	15514SS	1¾	5⅝	3	1⅛
HDL 250 N	250	15517 SS	1¾	5⅝	3	1¼
HDL 300 N	300	15506SS	2¼	5 13/16	3	1⅜
HDL 350 N	350	15503SS	2 5/16	6 9/16	3	1 9/16
HDL 500 N	500	15609SS	2⅝	6⅜	3	1¾
HDL 750 N**	750	Consultez votre représentant ABB.	3⅜	7 3/16	3	2 3/16
HDL 1000 N**	1,000	Consultez votre représentant ABB.	4⅝	9⅝	3⅝	2⅝

Diagram



Note: For tin plating, add suffix "-TN" after the catalogue number.
For oxide-inhibiting compound, contact your ABB representative.
*These dies may be used with the TBM15CR-LI or TBM15I compression tools. Please note that the die adapter 15500-TB is required for use with these tools.

** Do not meet IEEE 837-2014 requirements.

Copper lugs

Copper heavy-duty four-hole NEMA lugs

HDL 4/0 4N

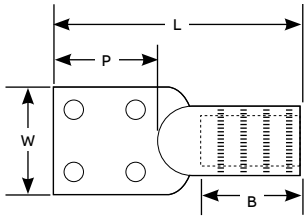
Heavy-wall lugs for grounding and other critical applications

- Able to handle the most severe heavy-loading applications
- Ease cable insertion

Copper heavy-duty four-hole NEMA lugs

Cat. no.	Wire size (AWG or kcmil)	Installing dies	Dimensions (in.) B	L	P	W
HDL 4/0 4N	4/0	71, 168, 840	1 3/4	4 3/4	3	3
HDL 350 4N	350	96, 267, 1 (1 1/8-1)	2 5/16	6 9/16	3	3
HDL 500 4N	500	112, 210, 1 5/16	3 1/8	6 3/8	3	3
HDL 750 4N	750	138, 627, 1 5/8	3 7/8	8 1/4	3	3

Diagram



For tin-plated option, add "-TN" suffix to the catalogue number.
For oxide-inhibiting compound, please consult your ABB representative.

Copper splices

Tin-plated straight splices

SC 1000

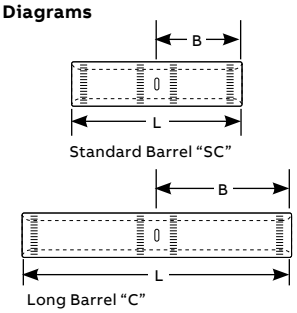
Made from electrolytic seamless copper tubing, these splices can handle your heavy-duty applications

- Equalizes cable insertion
- Resists corrosion
- Easy identification

Tin-plated straight splices

Standard barrel Cat. no.	Long barrel Cat. no.	Wire size (AWG or kcmil)	Standard barrel B (in.)	Standard barrel L (in.)	Long barrel B (in.)	Long barrel L (in.)	Installing dies
SC 8	C 8	#8	7/16	1 1/16	1 1/16	2 1/4	TC, 21, 236
SC 6	C 6	#6	13/16	1 3/4	1 1/8	2 3/8	TE, 24
SC 4	C 4	#4	13/16	1 3/4	1 1/8	2 3/8	5/16, 8, 29, 161, TP
SC 2	C 2-HM	#2	7/8	1 7/8	1 1/4	2 5/8	3/8, 10, TL-TN, 33, 162
SC 1-HM	C 1-HM	#1	7/8	1 7/8	1 3/8	2 7/8	11, TB, 37
SC 1/0	C 1/0	1/0	7/8	1 7/8	1 3/8	2 7/8	1/2, 12, TQ, 42, 163
SC 2/0-HM	C 2/0	2/0	15/16	2	1 1/2	3 1/8	9/16, 13, TS, 45, 164
SC 3/0	C 3/0	3/0	1	2 1/8	1 1/2	3 1/8	5/8, 14, TU, 50, 243, BG
SC 4/0	C 4/0	4/0	1	2 1/8	1 5/8	3 3/8	5/8-1, 15, TW-TY, 54
SC 250-HM	C 250-HM	250	1 1/16	2 1/4	1 5/8	3 3/8	11/16, 16, TR, 60, 166
SC 300	C 300-HM	300	1 1/16	2 1/4	2	4 1/8	17, 66, TV, 781
SC 350	C 350	350	1 1/8	2 3/8	2	4 1/8	840, 18, TX, 71, 168, 208
SC 400	C 400	400	1 3/16	2 1/2	2 1/8	4 3/8	15/16, 19, TX, 76, 840
SC 500	C 500-HM	500	1 3/8	2 7/8	2 1/4	4 5/8	1, 20, TH, 87, 251
SC 600	C 600-HM	600	1 3/8	2 7/8	2 11/16	5 1/2	1 (1/8-1), 22, 96
SC 750	C 750	750	1 5/8	3 3/8	2 7/8	5 7/8	1 1/8, 2, 24, 106
SC 1000-HM	C 1000	1,000	1 7/8	3 7/8	3	6 1/8	1 1/2, 27, 125, 642
SC 1500*	C 1500*	1,500	2	4 1/8	3 3/16	6 1/2	1 3/4, 31, 150
SC 2000*	C 2000*	2,000	2 1/4	4 5/8	3 7/16	7	2.00, 34, 175

Diagrams



* SC 1500, SC 2000, C 1500 and C 2000 are not UL listed or CSA certified.

Copper splices

Tin-plated straight oil-stop splices

PC 1000

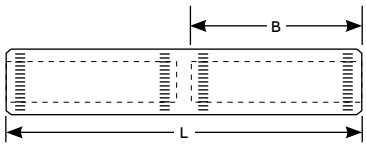
Electrolytic seamless copper tubing provides high conductivity and minimizes voltage drop

- Resists oil
- Resists corrosion

Tin-plated straight oil-stop splices

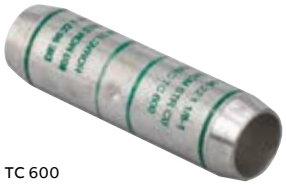
Cat. no.	Wire size (AWG or kcmil)	Installing dies	Dimensions (in.) B	L
PC 6	#6	7, TE, 24	1⅛	2⅜
PC 4-HM	#4	5/16, 8, TP, 29, 161	1⅛	2⅜
PC 2-HM	#2	⅜, 10, TL-TN, 162	1¼	2⅝
PC 1-HM	#1	⅜, 11, TB, 37, 276	1⅜	2⅞
PC 1/0	1/0	½, 12, TQ, 42, 163	1⅜	2⅞
PC 2/0	2/0	9/16, 13, TS, 164, 45	1½	3⅛
PC 3/0	3/0	⅝, 14, TU, 243, BG 50	1½	3⅛
PC 4/0	4/0	54, ⅝-1, 15, TW-TY	1⅝	3⅜
PC 250-HM	250	11/16, 16, TR, 166, 60	1⅝	3⅜
PC 300	300	781, 17, 66, TV	2	4⅛
PC 350	350	71, 840, 18, TX, 168, 208	2	4⅛
PC 400	400	76, 15/16, 19, TX, 840	2⅛	4⅜
PC 500	500	251, 1, 20, TH 87	2¼	4⅝
PC 600-HM	600	1 (⅛)-1, 22, 96	2 11/16	5½
PC 750	750	1 5/16, 24, 106	2⅞	5⅞
PC 1000	1,000	1½, 27, 125, 642	3	6⅛

Diagram



Copper splices

Tin-plated tapered splices



TC 600

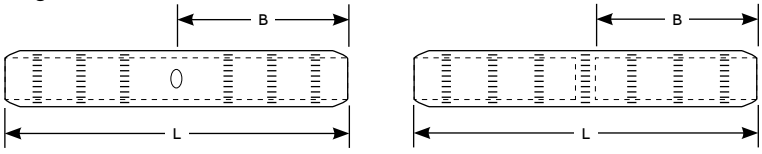
High-voltage, oil, harsh environments — these splices can handle it all

- Provides high conductivity, minimizes voltage drop
- Enable use in high-voltage installations up to 69 kV
- Resists corrosion and extends shelf life
- Equalizes cable insertions
- Resists oil

Tin-plated tapered splices

Dimpled center stop Cat. no.	Solid center oil stop Cat. no.	Wire size (AWG or kcmil)	Installing dies	Dimensions (in.) B	L
TC 6	PTC 6	#6	7, TE, 24, 5/16	7/8	1 29/32
TC 4	PTC 4	#4	5/16, 8, TP, 29	7/8	1 29/32
TC 2	PTC 2	#2	3/8, 10, TL-TN, 33	31/32	2 1/16
TC 1	PTC 1	#1	3/8, 11, TB, 37	31/32	2 1/16
TC 1/0	PTC 1/0	1/0	1/2, 12, TQ, 42	31/32	2 1/16
TC 2/0	PTC 2/0	2/0	9/16, 13, TS, 45	1 1/32	2 7/32
TC 3/0	PTC 3/0	3/0	5/8, 14, TU, 50	1 1/8	2 13/32
TC 4/0	PTC 4/0	4/0	5/8-1, 15, TW-TY, 9A	1 1/8	2 3/8
TC 250	PTC 250	250	11/16, 16, TR, 60	1 7/32	2 9/16
TC 300	PTC 300	300	781, 17, 66, TV	1 1/4	2 5/8
TC 350-HM	PTC 350	350	840, 18, TX, 71	1 5/16	2 25/32
TC 400	PTC 400	400	840, 15/16, 19, TX, 76	1 7/16	2 31/32
TC 500	PTC 500	500	1, 20, TH, 87	1 11/16	3 17/32
TC 600	PTC 600	600	1 (1/8)-1, 22, 96	2 1/16	4 7/32
TC 750	PTC 750	750	1 5/16, 24, 106	2 1/16	4 7/32
TC 800	PTC 800	800	1 5/16, 2, 25	2 1/16	4 7/32
TC 1000	PTC 1000	1,000	1 1/2, 27, 125	2 1/4	5
TC 1500	PTC 1500	1,500	1 3/4, 31, 150	2 3/4	6
TC 2000	PTC 2000	2,000	2.00, 34, 175	3 1/8	6 3/4

Diagrams



"TC" Dimple style

"PTC" Solid center oil stop

Copper tees

Tin-plated tees

250 T 250

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

- High conductivity, resistant to corrosion
- Easy identification

Tin-plated tees

	Conductor size (AWG or kcmil)	
Cat. no.	**Run**	**Tap**
2 T 2	#2	#2
1/0 T 6	1/0	#6
1/0 T 4	1/0	#4
1/0 T 2	1/0	#2
1/0 T 1	1/0	#1
1/0 T 1/0	1/0	1/0
2/0 T 6	2/0	#6
2/0 T 4	2/0	#4
2/0 T 2	2/0	#2
2/0 T 1	2/0	#1
2/0 T 1/0	2/0	1/0
2/0 T 2/0	2/0	2/0
3/0 T 1/0	3/0	1/0
3/0 T 3/0	3/0	3/0
4/0 T 2	4/0	#2
4/0 T 1	4/0	#1
4/0 T 1/0	4/0	1/0
4/0 T 2/0	4/0	2/0
4/0 T 4/0	4/0	4/0
250 T 2	250	#2
250 T 1	250	#1
250 T 1/0	250	1/0
250 T 2/0	250	2/0
250 T 4/0	250	4/0
250 T 250	250	250
300 T 300	300	300

	Conductor size (AWG or kcmil)	
Cat. no.	**Run**	**Tap**
350 T 1/0	350	1/0
350 T 2/0	350	2/0
350 T 4/0	350	4/0
350 T 350	350	350
400 T 1/0	400	1/0
400 T 2/0	400	2/0
400 T 4/0	400	4/0
400 T 250	400	250
400 T 300	400	300
400 T 350	400	350
400 T 400	400	400
500 T 1/0	500	1/0
500 T 2/0	500	2/0
500 T 4/0	500	4/0
500 T 250	500	250
500 T 350	500	350
500 T 400	500	400
500 T 500	500	500
600 T 2/0	600	2/0
600 T 4/0	600	4/0
600 T 350	600	350
600 T 500	600	500
600 T 600	600	600
750 T 350	750	350
750 T 500	750	500
750 T 750	750	750
1000 T 500	1,000	500
1000 T 1000	1,000	1,000

Copper tees

Tin-plated tapered tees

TT 350-350

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

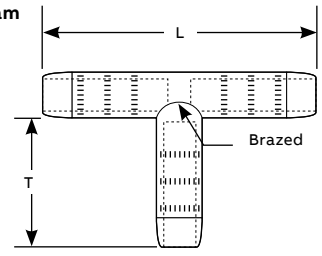
- Provides high conductivity
- Resists corrosion

Tin-plated tapered tees

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

			Dimensions (in.)	
Cat. no.	Run	Tap	L	T
TT 350-1/0	350	1/0	5 37/64	2 13/16
TT 350-2/0	350	2/0	5 37/64	2 13/16
TT 350-4/0	350	4/0	5 23/32	2 13/16
TT 350-350	350	350	5 29/32	2 13/16
TT 400-1/0	400	1/0	5 21/32	2 3/8
TT 400-2/0	400	2/0	5 21/32	2 3/8
TT 400-4/0	400	4/0	5 25/32	2 3/8
TT 400-250	400	250	5 27/32	2 3/8
TT 400-300	400	300	5 29/32	2 3/8
TT 400-400	400	400	6 1/32	2 3/8
TT 500-1/0	500	1/0	6 23/64	2 19/32
TT 500-2/0	500	2/0	6 23/64	2 19/32
TT 500-4/0	500	4/0	6 15/32	2 19/32
TT 500-250	500	250	6 17/32	2 19/32
TT 500-350	500	350	6 21/32	2 19/32
TT 500-400	500	400	6 23/32	2 19/32
TT 500-500	500	500	6 23/32	2 19/32
TT 600-2/0	600	2/0	7 3/16	3 3/32
TT 600-4/0	600	4/0	7 7/16	3 3/32
TT 600-350	600	350	7 9/16	3 3/32
TT 600-500	600	500	7 11/16	3 3/32
TT 600-600	600	600	7 7/8	3 3/32
TT 750-350	750	350	9 1/2	4 1/4
TT 750-500	750	500	9 1/2	4 1/4
TT 750-750	750	750	9 1/2	4 1/4
TT 1000-500	1,000	500	9 1/2	4 1/4
TT 1000-1000	1,000	1,000	9 1/2	4 1/4

Diagram



For other available sizes, please consult your ABB representative.

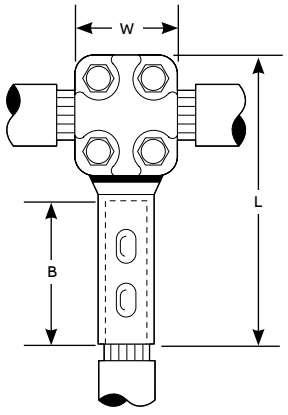
Copper tees

2131-20

- Provides high strength and high conductivity
- Resists corrosion

	Conductor size (AWG or kcmil)		Dimensions (in.)		
Cat. no.	**Run**	**Tap**	**B**	**L**	**W**
2131-1	750	2/0 str.	1½	4⅞	2 1/16
2131-2	750	4/0 str.	1⅝	5	2 1/16
2131-3	750	250	1⅝	5	2 1/16
2131-4	750	350	2	5⅜	2 1/16
2131-5	750	500	2¼	5⅜	2 1/16
2131-6	750	750	2⅞	6¼	2 1/16
2131-7	1,000	2/0 str.	1½	4⅞	2 1/16
2131-8	1,000	4/0 str.	1⅝	5	2 1/16
2131-9	1,000	250	1⅝	5	2 1/16
2131-10	1,000	350	2	5⅜	2 1/16
2131-11	1,000	500	2¼	5⅝	2 1/16
2131-12	1,000	750	2⅞	6¼	2 1/16
2131-13	1,000	1,000	3	6⅜	2 1/16
2131-14	1,500	2/0 str.	1½	4⅞	2 1/16
2131-15	1,500	4/0 str.	1⅝	5	2 1/16
2131-16	1,500	250	1⅝	5	2 1/16
2131-17	1,500	350	2	5⅜	2 1/16
2131-18	1,500	500	2¼	5⅜	2 1/16
2131-19	1,500	750	2⅞	6¼	2 1/16
2131-20	1,500	1,000	3	6⅜	2 1/16
2131-21	1,500	1,500	3 3/16	6⅞	2 1/16
2131-22	1,500	2,000	3¼	8	2½

Diagram



Aluminum and copper lug tee taps

NEMA lug tee taps for cable buses

NLTT 1000

- Choose the taps that match your system
- Accommodate all sizes of standard NEMA drilled compression lugs
- Resists corrosion

NEMA lug tee taps for cable buses

Cat. no.	Main conductor	Figure number/Taps	Width (in.)
ANLTT 4/0	4/0	2	1½
ANLTT 350	350	2	1½
ANLTT 500	500	2	1½
ANLTT 750	750	2	1¾
ANLTT 1000	1,000	2	1¾
ANLTT 1500	1,500	2	2½
ANLT 4/0	4/0	1	1½
ANLT 350	350	1	1½
ANLT 500	500	1	1½
ANLT 750	750	1	1¾
ANLT 1000	1,000	1	1¾
ANLT 1500	1,500	1	2½

Cat. no.	Main conductor	Figure number/Taps	Width (in.)
NLTT 4/0	4/0	2	1½
NLTT 350	350	2	1½
NLTT 500	500	2	1½
NLTT 750	750	2	1¾
NLTT 1000	1,000	2	1¾
NLTT 1500	1,500	2	2½
NLT 4/0	4/0	1	1½
NLT 350	350	1	1½
NLT 500	500	1	1½
NLT 750	750	1	1¾
NLT 1000	1,000	1	1¾
NLT 1500	1,500	1	2½

Diagrams

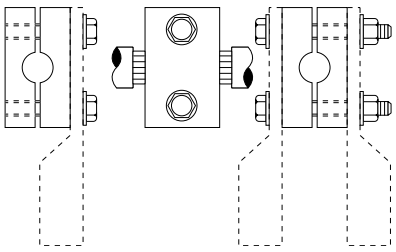


Figure 1 Figure 2

For sizes not listed, please consult your ABB representative.

Competitive cross reference

Type WR "O" and "D" – Die seven connector program					
Blackburn	**Penn Union**	**Burndy**	**Homac**	**Kearney**	**Anderson**
WR159	KO-R06	YHO100, YHO1	OB44	506-82	–
WR189	KO-R08	YHO150, YHO2	OB101	508-82	–
WR289	KD-R02	YHD200,YHD3	DB202	502-82	–
WR279	KD-R04	YHD300, YHD4	DB2020	504-82	–
WR379	KD-R03	YHD250, YHD5	DB404	503-82	–
WR399	KD-R05	YHD350, YHD6	DB4020	505-82	–
WR419	KD-R28	YHD400, YHD7	DB4040	507-82	–
Type WR – Supplemental "O" and "D" die seven connector program					
Blackburn	**Penn Union**	**Burndy**	**Homac**	**Kearney**	**Anderson**
WR149	KO-R33	YNO125	–	333-81	VCP44
WR179	KO-R08	YC25A2	–	325-81	–
WR199	KO-R08	YP26AU2	–	329-81	–
WR1010	–	YHO2-ONE	OB1010D	–	–
WR259	KD-R04	YC25A25	–	–	–
WR299	KD-R02	YHD200	–	–	–
WR219	KD-R26	–	–	326-81	–
WR239	–	–	–	–	–
WR229	KD-R30	–	–	–	–
WR269	KD-R27	–	–	–	–
WR319	–	–	–	–	–
WR339	KD-R96	–	–	–	–
WR359	KD-R49	–	–	349-81	–
WR369	KD-R94	–	–	394-81	–
WR389	KD-R95	–	–	395-8	–
Type WR – Wide range "N" die tap connectors for hydraulic tools, 12-ton and greater					
Blackburn	**Penn Union**	**Burndy**	**Homac**	**Kearney**	**Anderson**
WR715	KN-1	–	NB50040	–	–
WR775	–	YHN450	–	–	–
WR815	–	YHN500	–	–	–
WR835	KN-R2	–	–	–	–
WR875	–	–	–	–	–
WR885	–	YHN525	NB500	–	–
Type WR – Wide range "N" die tap connectors for hydraulic tools, 10-ton and greater					
Blackburn	**Penn Union**	**Burndy**	**Homac**	**Kearney**	**Anderson**
WR699	KN-0	–	–	480	–
WR719	–	–	–	481	–
WR739	KN-R2	YHN550	–	482-81	–
WR779	KN-4	YHN600	–	483	–
WR799	KN-R5	–	–	485-81	–
WR819	KN-R6	YC33R26	NB60020	486-81	NB60020
WR839	KN-R7	–	–	487-81	–
WR879	KN-8	–	–	488	–
WR889	–	–	–	–	–
Type WR – Wide range aluminum tap connectors "R" die seven connector program					
Blackburn	**Penn Union**	**Burndy**	**Homac**	**Kearney**	**Anderson**
WR909	KR-R03	YHR700	–	603-82	–
WR929	KR-R04	YHR750	ZB-954	604-82	–
WR949	KR-R05	YHR800	–	605-82	–
WR969	KR-R06	YHR850	ZB-954	606-82	–
WR989	KR-R07	YHR900	ZB-954	607-82	–
WR999	–	–	–	–	–

Competitive cross reference

Type WR – Street lighting compression connectors					
Blackburn	**Penn Union**	**Burndy**	**Homac**	**Kearney**	**Anderson**
WR9	KO-R22	YP2A9U	–	421-8	–
WR139	KO-R24	YPC26R8U	–	–	–
WR502	–	–	–	–	–
Type CF – Copper compression tap connectors					
Blackburn	**Penn Union**	**Burndy**	**Homac**	**Kearney**	**Anderson**
CF44-1	CDT-399-8	–	–	399-8	–
CFS44-1	CDT-301	–	–	–	–
CF22-1	CDT-398-8	–	–	398-8	–
CFS22-1	CDT-302	–	–	–	–
CF102-1	CDT-304-8	–	–	304-8	–
CF1010-1	CDT-303-8	–	–	303-8	–
CF202-1	–	–	–	–	–
CF2020-1	CDT-305-8	–	–	305-8	–
CF402-1	CDT-309-8	–	–	309-8	–
CF4010-1	CDT-308-8	–	–	308-8	–
CF4040-1	CDT-307-8	–	–	307-8	–
Type C – Compression connectors covers					
Blackburn	**Penn Union**	**Burndy**	**Homac**	**Kearney**	**Anderson**
C2BB	–	–	CO20B	48480	SEC-4
C5-BB	–	CCO	CO20B	601O	PTC-1
C7	–	CCD	CD40B	601D	PTC-2
C9	–	CCN	CN600B	–	–
C9L	–	CCNL	CN600B	–	–

Competitive cross reference

Color-coded compression connectors

Type CTL – Copper lugs, one-hole mount, short barrel

Blackburn	Penn Union	Burndy	Ilsco	ABB	Anderson	Dossert	Panduit	3M
CTL8-10	BLU-8S14	–	CRA-8	54104	–	–	–	–
CTL8-14	BLU-8S15	–	–	54130	–	–	–	–
CTL8-516	BLU-8S16	–	–	54131	–	–	–	–
CTL6-10	BLU-6S	YA6C	B131C	54134	VHCS-6-10/8	DPLS2-1-18	LCA6-10	30014
CTL6-14	BLU-6S1	YA6C-L1	B132C	54105	VHCS-6-14	DPLS2-1	LCA6-14	30015
CTL6-516	BLU-6S2	YA6C-L3	–	54135	VHCS-6-516	DPLS2-1-31	LCA6-56	30016
CTL6-38	–	–	–	–	–	–	–	–
CTL4-10	BLU-4S	YA4C-L1	B133C	54138	VHCS-4-10/8	DPLS4-1-18	LCA4-10	30018
CTL4-14	BLU-4S1	YA4C-L	B134C	54106	VHCS-4-14	DPLS4-1	LCA4-14	30019
CTL4-516	BLU-4S10	YA4C-L3	–	54139	VHCS-4-516	DPLS4-2	LCA4-56	–
CTL4-38	BLU-4S2	YA4CL4	–	54140	VHCS-4-38	DPLS4-1-38	LCA4-38	30021
CTL2-14	BLU-2S	YA2C-L2	CRA-2	54107	VHCS-2-14	DPLS6-1-125	LCA2-14	30022
CTL2-516	BLU-2S1	YA2C-L	CRB-2	54142	VHCS-2-516	DPLS6-1	LCA2-56	30023
CTL2-38	BLU-2S2	YA2C-L4	–	54143	VHCS-2-38	DPLS6-1-38	LCA2-38	30024
CTL2-12	–	–	–	–	–	–	–	–
CTL1-14	BLU-1S9	–	–	54108	VHCS-1-14	–	LCA1-14	–
CTL1-516	BLU-1S	YA1C-L	CRA-1	54147	VHCS-1-516	DPLS8-1	LCA1-56	30027
CTL1-38	BLU-1S1	YA1C-L4	–	54148	VHCS-1-38	DPLS8-2	LCA1-38	30028
CTL1-12	–	–	–	–	–	–	–	–
CTL10-516	BLU-1/0S	YA25-L	CRA-0	54153	VHCS-1/0-516	DPLS10-1	LCA1/0-56	30031
CTL10-38	BLU-1/0S1	YA25-L4	CRB-0	54109	VHCS-Y0-38	DPLS10-1-38	LCA1/0-38	30032
CTL10-12	–	–	–	–	–	–	–	–
CTL20-38	BLU-2/0S	YA26-L	CRA-2/0	54110	VHCS-2/0-38	DPLS31-1	LCA2/0-37	30036
CTL20-12	BLU-2/0S4	YA26-L6	–	54160	VHCS-2/0-12	–	LCA2/0-12	–
CTL30-38	BLU-3/0S	YA27-L4	CRA-3/0	54111	VHCS-3/0-38	DPLS17-1-38	LCA3/0-38	–
CTL30-12	BLU-3/0S1	YA27-L	CRB-3/0	54165	VHCS-3/0-12	DPLS17-1	LCA3/0-12	30041
CTL40-38	BLU-4/0S	YA28-L4	CRA-4/0	54112	VHCS-4/0-38	DPLS21-1-38	LCA4/0-38	–
CTL40-12	BLU-4/0S1	YA28-L	CRB-4/0	54170	VHCS-4/0-12	DPLS21-1	LCA4/0-12	30045
CTL250-12	BLU-025S	YA29-L	CRA-250	54113	VHCS-250-12	DPLS25-1	LCA250-12	–
CTL300-12	BLU-030S	YA30-L	CRA-300	54114	VHCS-300-12	DPLS30-1	LCA300-12	–
CTL350-12	BLU-035S	YA31-L	CRA-350	54115	VHCS-350-12	DPLS35-1	LCA350-12	–
CTL400-12	BLU-040S	YA32-L	CRA-400	54185	VHCS-400-12	–	–	–
CTL400-58	BLU-4/0S	YA32-L	–	–	–	–	–	–
CTL500-12	BLU-050S	YA34-L	CRA-500	54187	VHCS-500-12	–	LCA500-12	–
CTL500-58	–	–	–	–	–	–	LCA500-58-6	–
CTL600-58	–	YA36-L	CRA-600	–	–	–	–	–
CTL750-58	–	YA39-L	–	–	–	–	–	–
CTL1000-58	–	–	–	–	–	–	–	–

Competitive cross reference

Compression connectors

Type CTL – Copper lugs, two-hole mount, short barrel					
Blackburn	**Penn Union**	**Burndy**	**Ilsco**	**ABB**	**Anderson**
CTL6-214	–	YA6CL2TC14 , YA6C2L	–	54205	–
CTL4-214	–	–	–	54206	–
CTL2-2516	–	–	–	–	VHCS-2-516
CTL1-2516	–	–	–	54255	–
CTL10-2516	–	YA1C-2L	–	54260	–
CTL202	–	–	–	54265	–
CTL302	–	–	–	54270	–
CTL402	BLU-3/0D	YA27-2LN	CRA-4/0L2	54275	–
CTL2502	BLU-4/0D	YA28-2LN	CRA-350L2	54280	–
CTL3002	BLU-025D	YA29-2LN	CRA-300L2	54282	–
CTL3502	BLU-030D	YA30-2LN	CRA-350L2	–	–
CTL4002	BLU-035D	YA31-2LN	CRA-400L2	54286	VHCS-500-12BN,
CTL5002	BLU-040D	YA32-2LN	CRA-500L2	–	VHCS-500-12B
–	–	–	–	–	VHCS-600-38B
CTL6002-38	–	–	–	–	–
CTL6002-12	–	–	–	–	–
CTL7502	BLU-060D	–	CRA-750L2	54223	–
CTL10002	–	–	CRA-1000L2	54223	–
Type CTL – Copper lugs, one-hole mount, long barrel					
Blackburn	**Penn Union**	**Burndy**	**Ilsco**	**ABB**	**Anderson**
CTL8L-14	–	–	–	54930BE	–
CTL6L-14	BBLU-6S	CRB-6L	–	54905BE	–
CTL4L-14	BBLU-4S	CRB-4L	–	54906BE	–
CTL2L-516	BBLU-2S	–	–	54942BE	–
CTL1L-516	BBLU-1S	CRA-1L	–	54947BE	–
CTL10L-516	BBLU-1/0S	YA25	CRA-1/0L	–	–
CTL20L-38	BBLU-2/0S	YA26	CRA-2/0L	54910BE	–
CTL30L-12	BBLU-3/0S	YA27	CRB-3/0L	54965BE	–
CTL40L-12	BBLU-4/0S	YA28	CRB-4/0B	54970BE	–
CTL250L-12	BBLU-025S	–	CRA-250L	54913BE	–
CTL300L-12	BBLU-030S	YA30	CRA-300L	54914BE	–
CTL350L-12	BBLU-035S	YA31	CRA-350L	54915BE	–
CTL400L-58	BBLU-040S	YA32	CRA-400L	–	–
CTL500L-58	BBLU-050S	YA34	CRA-500L	–	–
CTL600L-58	BBLU-060S	YA36	CRA-600L	54920BE	–
CTL750L-58	BBLU-075S	YA39	CRA-750L	54923BE	–
CTL1000L-58	BBLU-100S	YA44	CRA-1000L	54928BE	–

Competitive cross reference

Type LCN – Copper lugs, two-hole mount, long barrel

Blackburn	Penn Union	Burndy	Ilsco	ABB	Homac	Kearney	Anderson	Dossert	Panduit	3M
LCN8-14	–	–	–	54850BE	–	–	–	–	–	–
LCN6-14	BBLU-6D	YA6C-2TC14	CRB-6L2	54852BE	–	–	–	–	–	–
LCN6-12	–	YA6C-2N	–	–	–	–	–	–	–	–
LCN4-14	BBLU-4D	YA4C-2TC14	CRB-4L2	54854BE	–	–	–	–	–	–
LCN4-12	–	YA4C-2N	CRC-4L2	–	–	–	–	–	–	–
LCN2-516	BBLU-2D	–	CRB-2L2	54856BE	–	–	–	–	–	–
LCN2-12	–	YA2C-2N	CRC-2L2	–	–	–	–	–	–	–
LCN1-516	BBLU-1D	–	CRA-1L2	54858BE	–	–	–	–	–	–
LCN1-12	–	YA1C-2N	–	–	–	–	–	–	–	–
LCN10	BBLU-1/0D	YA25-2	CRA-1/0L2	54860BE	–	–		DPL10-2	–	–
LCN20	BBLU-2/0D	YA26-2N	CRA-2/0L2	54862BE	–	–	VHCL-2/0-12BN	DPL13-2N	–	–
LCN30	BBLU-3/0D	YA27-2N	CRB-3/0L2	54864BE	–	–	VHCL-3/0-12BN	DPL17-2N	–	–
LCN40	BBLU-4/0D	YA28-2N	CRA-4/0L2	54866BE	–	–	VHCL-4/0-12BN	DPL21-2N	–	31145
LCN250	BBLU-025D	YA29-2N	CRA-250L2	54868BE	–	–	VHCL-250-12BN	DPL25-2N	–	31149
LCN300	BBLU-030D	YA32-2N	–	–	–	–	–	–	–	–
LCN350	BBLU-035D	YA31-2N	CRA-350L2	54872BE	–	–	VHCL-350-12BN	DPL35-2N	–	31156
LCN400	BBLU-040D	–	–	–	–	–	–	–	–	–
LCN500	BBLU-050D	YA34-2N	CRA-500L2	54876BE	–	–	VHCL-500-12BN	DPL50-2N	–	31166
LCN600	BBLU-0600D	–	–	–	–	–	–	–	–	–
LCN75	BBLU-075D	–	–	–	–	–	–	–	–	–
LCN99	BBLU-100D	–	–	–	–	–	–	–	–	–

Type CU – Copper splices, long barrel

Blackburn	Penn Union	Burndy	Ilsco	ABB	Homac	Kearney	Anderson	Dossert	Panduit	3M
CU8	–	YS8C	–	54804	–	–	–	–	–	–
CU6	BBCU-6	YS6C	LTL-6	54805	–	–	–	–	–	–
CU4	BBCU-4	YS4C	LTL-4	54806	–	–	–	–	–	–
CU2	BBCU-2	YS2C	LTL-2	54807	–	–	–	–	–	–
CU1	BBCU-1	YS1C	LTL-1	54809	–	–	–	–	–	–
CU10	BBCU-1/0	YS25	CTL-1/0	54809	C1/0	136700-010	VHS-1/0	DPC-10	SCL1/0	
CU20	BBCU-2/0	YS26	CTL-2/0	54810	C2/0	136700-020	VHS-2/0	DPC-13	SCL2/0	11006
CU30	BBCU-3/0	YS27	CTL-3/0	54811	–	–	VHS-3/0	DPC-17	SCL3/0	11007
CU40	BBCU-4/0	YS28	CTL-4/0	54812	C4/0	136700-040	VHS-4/0	DPC-21	SCL4/0	11008
CU250	BBCU-025	YS29	CTL-250	54813	C250	136700-250	VHS-250	DPC-25	SCL250	11009
CU300	BBCU-030	YS30	–	–	–	–	–	–	–	–
CU350	BBCU-035	YS31	CTL-350	54815	C350	–	VHS-350	DPC-35	SCL350	11011
CU400	BBCU-040	YS32	–	–	–	–	–	–	–	–
CU500	BBCU-050	YS34	CTL-500	54818	C500	136700-500	VHS-500	DPC-50	SCL500	11014
CU600	BBCU-060	YS36	–	–	–	–	–	–	–	–
CU750	BBCU-075	YS39	CTL-750	54823	C750	136700-750	VHS-750	DPC-75	SCL750	11019
CU1000	BBCU-100	YS44	CTL-1000	54828	C1000	136700-1000	VHS-1000	DPC-100	SCL1000	11024

Competitive cross reference

Type CSP – Copper splices, short barrel										
Blackburn	**Penn Union**	**Burndy**	**Ilsco**	**ABB**	**Homac**	**Kearney**	**Anderson**	**Dossert**	**Panduit**	**3M**
CSP8	BCU-8	–	CT-8	54504	–	–	–	–	SCS8	–
CSP6	BCU-6	YS6C-L	CT-6	54505	–	–	VHSS-6	DPCS-2	SCS6	10001
CSP4	BCU-4	YS4C-L	CT-4	54506	–	–	VHSS-4	DPCS-4	SCS4	10002
CSP2	BCU-2	YS2C-L	CT-2	54507	–	–	VHSS-2	DPCS-6	SCS2	10003
CSP1	BCU-1	YS1C-L	CT-1	54508	–	–	VHSS-1	DPCS-8	SCS1	10004
CSP10	BCU-1/0	YS25-L	CT-1/0	54509	–	–	VHSS-1/0	DPCS-10	SCS1/0	10005
CSP20	BCU-2/0	YS26-L	CT-2/0	54510	–	–	VHSS-2/0	DPCS-13	SCS2/0	10006
CSP30	BCU-3/0	YS27-L	CT-3/0	54511	–	–	VHSS-3/0	DPCS-17	SCS3/0	10007
CSP40	BCU-4/0	YS28-L	CT-4/0	54512	–	–	VHSS-4/0	DPCS-21	SCS4/0	10008
CSP250	BCU-025	YS29-L	CT-250	54513	–	–	VHSS-250	DPCS-25	SCS250	10009
CSP300	BCU-030	YS30-L	CT-300	54514	–	–	VHSS-300	DPCS-30	SCS300	10010
CSP350	BCU-035	YS31-L	CT-350	54515	–	–	VHSS-350	DPCS-35	SCS350	10011
CSP400	BCU-040	YS32-L	CT-400	54516	–	–	VHSS-400	DPCS-40	SCS400	–
CSP500	BCU-050	YS34-L	CT-500	54518	–	–	VHSS-500	DPCS-50	SCS500	10014
CSP600	–	–	–	–	–	–	–	–	–	–
CSP750	BCU-075	YS39-L	CT-750	54523	–	–	VHSS-750	DPCS-75	SCS750	10019
CSP1000	BCU-100	YS44-L	CT-1000	54528	–	–	VHSS-1000	DPCS-100	SCS1000	10024

Competitive cross reference

Type ATL – Aluminum lugs, one-hole										
Blackburn	**Penn Union**	**Burndy**	**Ilsco**	**ABB**	**Homac**	**Kearney**	**Anderson**	**Dossert**	**Panduit**	**3M**
ATL8-10	–	YA8CA1	ACN-8	60101	–	–	VACL-8-10	–	–	–
ATL8-14	BLUA-8S	YA8C-A3	ACL-8	60102	–	–	VACL-8-14	DPL-1-1-AA	–	–
ATL6-10	–	–	–	60106	–	–	VACL-6-10	–	–	–
ATL6-14	BLUA-6S	YA6C-A1	ACL-6	60107	–	–	VACL-6-14	DPL2-1-AA	LAA46-14	–
ATL6-38	–	–	–	–	–	–	–	–	–	–
ATL4-14	BLUA-4S3	YA4C-A1	ACL-4	60112	–	–	VACL-4-14	–	LAA4-14	–
ATL4-516	BLUA-4S2	YA4C-A3	ACN-4	60113	–	–	VACL-4-516	DPL-4-1-AA	LAA4-56	40020
ATL4-38	–	YA4CA6	–	–	–	–	VACL-4-38	–	LAA4-38	–
ATL2-14	BLUA-2S3	–	ACL-2	60116	–	–	VACL-2-14	–	LAA2-14	–
ATL2-516	BLUA-2S4	YA2C-A1	ACN-2	60117	–	–	VACL-2-516	–	LAA2-56	–
ATL2-38	BLUA-2S	YA2C-A3	–	60118	–	–	VACL-2-38	DPL-6-1-AA	LAA2-38	40024
ATL1-516	BLUA-1S3	–	–	60123	–	–	–	–	LAA1-56	–
ATL1-38	BLUA-1S	YA1C-A1	–	60124	–	–	VACL-1-38	DPL-8-1-AA	LAA1-38	40028
ATL10-516	BLUA-1/0S3	YA25-A1	ACN-1/0	60129	–	–	VACL-1/0-516		LAA1/0-56	–
ATL10-38	BLUA-1/0S	YA25-A3	ACL-1/0	60130	–	–	VACL-1/0-38	DPL-10-1-AA	LAA1/0-38	40032
ATL10-12	–	–	–	–	–	–	–	–	–	–
ATL20-38	BLUA-2/0S6	YA26-A6	ACL-2/0	60136	–	–	VACL-2/0-38	–	LAA2/0-38	–
ATL20-12	BLUA-2/0S	YA26-A1	ACN-2/0	60138	–	–	VACL-2/0-12	DPL-13-1-AA	LAA2/0-12	40037
ATL30-38	BLUA-3/0S2	YA27-A1	ACL-3/0	60142	–	–	VACL-3/0-38	–	LAA3/0-38	–
ATL30-12	BLUA-3/0S	YA27A3	ACN-3/0	60144	–	–	VACL-3/0-12	DPL-17-1-AA	LAA3/0-12	40041
ATL40-38	BLUA-4/0S2	YA28-A1	ACL-4/0	60148	–	–	VACL-4/0-38	–	LAA4/0-38	–
ATL40-12	BLUA-4/0S	YA28-A3	–	60150	–	–	VACL-4/0-12	DPL-21-1-AA	LAA4/0-12	40045
ATL250-12	BLUA-025S	YA29-A1	ACL-250	60156	–	–	VACL-250-12	–	LAA250-12	40049
ATL300-38	–	–	–	–	–	–	–	–	–	–
ATL300-12	–	–	–	–	–	–		–	–	–
ATL350-12	BLUA-035S	YA31A1	ACL-350	60166	–	–	VACL-350-12	–	LAA350-12	40056
ATL400-58	–	–	–	–	–	–	–	–	–	–
ATL500-12	BLUA-050S2	YA34A1	ACL-500	60171	–	–	VACL-500-12	–	LAA500-12	–
ATL500-58	–	–	–	–	–	–	–	–	–	–
ATL600-12	–	–	–	–	–	–	–	–	–	–
ATL750-12	–	–	–	–	–	–	–	–	–	–
ATL750-58	BLUA-075S1	YA39A3	ACL-750	60178	–	–	VACL-750-58	–	LAA750-58	40073
Type ATL – Aluminum lugs, two-hole										
Blackburn	**Penn Union**	**Burndy**	**Ilsco**	**ABB**	**–**	**–**	**Anderson**	**Dossert**	**Panduit**	**3M**
ATL102-38	BLUA-1/0D1	YA25A5	2ACL-1/0	60230	–	–	VACL-1/0-38B	–	LAB1/0-38	40132
ATL102	–	–	–	–	–	–	–	–	–	–
ATL202	BLUA-2/0D	YA26-A3	2ACL-2/0	60238	–	–	VACL-2/0-12BN	DPL-13-2N-AA	LAB2/0-12	40137
ATL302	BLUA-3/0D	YA27A5	2ACL-3/0	60244	–	–	VACL-3/0-12BN	DPL-17-2N-AA	LAB3/0-12	40141
ATL402	BLUA-4/0D	YA28-A5	2ACL-4/0	60250	–	–	VACL-4/0-12VN	DPL-21-2N-AA	LAB4/0-12	40145
ATL2502	BLUA-025D	YA29-A3	2ACL-250	60256	–	–	VACL-250-12BN	DPL-25-2N-AA	LAB250-12	–
ATL3002	–	–	–	–	–	–	–	–	–	
ATL3502	BLUA-035D	YA31-A1	2ACL-350	60267	–	–	VACL-350-12BN	DPL-35-2N-AA	LAB350-12	40156
ATL4002	–	–	–	–	–	–	–	–	–	–
ATL5002	BLUA-050D2	YA34A3	2ACL-750	60273	–	–	VACL-500-12BN	DPL-50-2N-AA	LAB500-12	40166
ATL6002	–	–	–	–	–	–	–	–	–	–
ATL7502	BLUA-075D1	YA39-A5	2ACL-750	60278	–	–	VACL-750-12BN	DPL-75-2N-AA	LAB750-12	40172

Conductor reference

Conductor diameter (in.)	ACSR or all aluminum	Rated breaking strength	Aluminum alloy (5005-6201)	Rated breaking strength	Compacted ACSR or all aluminum	Rated breaking strength	AWAC	Rated breaking strength	Copper or copperweld copper composite	Rated breaking strength
Bare conductor information AWG or kmcil										
0.162	#6, Solid	474.0	–	–	–	–	–	–	#6, Solid	1,280
0.169	–	–	–	–	#6, 7W	528	–	–	–	–
0.174	–	–	–	–	–	–	–	–	91 1/4 2D	1,743
0.179	–	–	–	–			–	–	8C	1,362
0.182	#5, Solid	597.7	–	–	#6, 6/1	1,170	–	–	#5, Solid	1,591
0.184	#6, 7W	560	–	–	–	–	–	–	#6, 7W	1,229
0.198	#6, 6/1	1,170	#6, 7W	555	–	–	–	–	–	–
0.199	–	–	–	–	–	–	–	–	8A	2,233
0.201	–	–	#6, 3W	915	–	–	–	–	–	–
0.202	–	–	–	–	–	–	–	–	#6, 3W	1,204
0.204	#4, Solid	–	–	–	–	–	–	–	#4, Solid	1,970
0.206	–	753.9	–	–	–	–	–	–	#5, 7W	1,542
0.213	–	–	–	–	#4, 7W	826	–	–	–	–
0.219	–	–	–	–	–	–	–	–	8D	3,256
0.223	#5, 6/1	1,460	–	–	–	–	–	–	7A	2,754
0.225	–	–	–	–	–	–	–	–	6C	2,143
0.226	–	–	–	–	–	–	–	–	#5, 3W	1,516
0.229	#3, Solid	929.9	–	–	#4, 6/1	1,830	–	–	#3, Solid	2,439
0.230	–	–	–	–	–	–	–	–	6A	2,585
0.232	#4, 7W	915	–	–	–	–	–	–	#4, 7W	1,938
0.236	–	–	–	–	#4, 7/1	2,288	–	–	–	–
0.245	–	–	–	–	–	–	#4, 6/1	1,783	–	–
0.246	–	–	–	–	–	–	–	–	7D	4,022
0.250	#4, 6/1	1,830	#4, 7W	875	–	–	–	–	–	–
0.257	#4, 7/1	2,290	–	–	–	–	–	–	–	–
0.258	#2, Solid	1,172.6	–	–	#3, 6/1	2,250	–	–	#2, Solid; 5A	3,003; 3,193
0.260	#3, 7W	1,100	–	–	–	–	–	–	#3, 7W	2,433
0.261	–	–	–	–	–	–	#4, 5/2	2,830	–	–
0.268	–	–	–	–	#2, 7W	1,266	–	–		
0.276	–	–	–	–	–	–			6D	4,942
0.281	#3, 6/1	2,250	–	–	–	–	#4, 4/3	4,305	–	–
0.286	–	–	–	–	–	–	–	–	#3, 3W	2,359
0.289	–	–	–	–	–	–	–	–	#1, Solid	3,688
0.290	–	–	–	–	#2, 6/1	2,790	–	–	4A	3,938
0.292	#2, 7W	1,340	–	–	–	–	–	–	#2, 7W	3,045
0.298	–	–	–	–	#2, 7/1	3,525	–	–	–	–
0.301	–	–	–	–	#1, 7W	1,537	–	–	–	–
0.307	–	–	–	–	–	–	#4, 3/4	6,325	–	–
0.308	–	–	–	–	–	–	–	–	2F	4,233
0.309	–	–	–	–	–	–	#2, 6/1	2,760	–	–
0.310	–	–	–	–	–	–	–	–	5D	6,035
0.316	#2, 6/1	2,790	32,7W	2,195	–	–	–	–	–	–
0.320	–	–	–	–	–	–	–	–	#2, 3W	2,913
0.325	#2, 7/1	3,525	–	–	–	–	–	–	1/0, Solid	4,517
0.326	–	–	–	–	#1, 6/1	3,480	–	–	5P	9,311
0.327	–	–	–	–	–	–	–	–	2G	5,626
0.328	#1, 7W	1,620	–	–	–	–	–	–	#1, 7W; 4N	3,804; 8,460

Conductor reference

Conductor diameter (in.)	ACSR or all aluminum	Rated breaking strength	Aluminum alloy (5005-6201)	Rated breaking strength	Compacted ACSR or all aluminum	Rated breaking strength	AWAC	Rated breaking strength	Copper or copperweld copper composite	Rated breaking strength
Bare conductor information AWG or kmcil (cont'd)										
0.330	–	–	–	–	–	–	#2, 5/2	4,436	–	–
0.332	#1, 19W	1,685	–	–	–	–	–	–	#1, 19W	3,899
0.338	–	–	–	–	1/0, 7W	1,865	–	–	–	–
0.340	–	–	–	–	1/0, 19W	2,090	#4, 2/5	9,314	–	–
0.346	–	–	–	–	–	–	–	–	1F	5,266
0.348	–	–	–	–	–	–	–	–	4D	7,340
0.349	–	–	–	–	–	–	–	–	2J	7,322
0.355	#1, 6/1	3,480	–	–	–	–	#2, 4/3	6,785	–	–
0.360	–	–	–	–	–	–	–	–	#1, 3W	3,620
0.365	–	–	–	–	1/0, 6/1	4,280	–	–	2/0, Solid	5,519
0.366	–	–	–	–	–	–	–	–	2A; 4P	5,876; 11,420
0.367	80, 8/1	5,200	–	–	–	–	–	–	1G	6,956
0.368	1/0, 7W	1,970	–	–	–	–	–	–	1/0, 7W; 3N	4,750; 10,390
0.372	–	–	–	–	–	–	–	–	1/0, 19W	4,901
0.373	1/0, 19W	2,090	–	–	–	–	–	–	–	9,730
0.377	–	–	–	–	–	–	–	–	2K	–
0.381	–	–	–	–	2/0, 7W	2,350	–	–	–	–
0.382	–	–	–	–	2/0, 19W	2,586	–	–	–	–
0.386	–	–	–	–	–	–	#2, 3/4	9,793	–	–
0.388	–	–	–	–	–	–	–	–	1/0F	6,536
0.390	–	–	–	–	–	–	1/0, 6/1	4,246	1/0, 12W	4,841
0.392	–	–	–	–	–	–	–	–	1J	9,000
0.398	1/0, 6/1	4,280	1/0,7W	3,405	–	–	–	–	–	–
0.410	–	–	–	–	2/0, 6/1	5,345	–	–	–	–
0.411	–	–	–	–	–	–	–	–	3P	13,910
0.412	–	–	–	–	–	–	–	–	1/0G	8,563
0.413	–	–	–	–	–	–	–	–	2N	12,680
0.414	2/0, 7W	2,485	–	–	–	–	–	–	2/0, 7W	5,927
0.416	–	–	–	–	–	–	1/0, 5/2	6,712	–	–
0.419	2/0, 19W	2,586	–	–	–	–	–	–	2/0, 19W	6,152
0.423	–	–	–	–	–	–	–	–	1K	11,900
0.426	–	–	–	–	3/0, 7W	2,845	–	–	–	–
0.428	–	–	–	–	3/0, 19W	3,200	–	–	–	–
0.429	–	–	–	–	–	–	–	–	–	–
0.436	–	–	–	–	–	–	–	–	2/0F	8,094
0.438	–	–	–	–	–	–	#2, 2/5	14,060	2/0, 12W	6,048
0.440	–	–	–	–	–	–	–	–	1/0J	10,970
0.447	2/0, 6/1	5,345	2/0, 7W	4,230	–	–	1/0, 4/3	10,020	–	–
0.461	101.8, 12/7	9,860	–	–	3/0, 6/1	6,675	–	–	–	–
0.462	–	–	–	–	–	–	–	–	2P	16,870
0.463			–	–	–	–	–	–	2/0G	10,510
0.464	3/0, 7W	3,005	–	–	–	–	–	–	3/0, 7W; IN	7,366; 15,410
0.467	–	–	–	–	–	–	2/0, 5/2	8,040	–	–
0.470	3/0, 19W	3,200	–	–	–	–	–	–	3/0, 19W	7,698
0.475	–	–	–	–	–	–	–	–	1/0K	14,490
0.480	–	–	–	–	4/0, 7W	3,590	–	–	–	–
0.481	110.8, 12/7	10,730	–	–	4/0, 19W	3,890	–	–	–	–
0.487	–	–	–	–	–	–	1/0, 3/4	14,006	–	–

Conductor reference

Conductor diameter (in.)	ACSR or all aluminum	Rated breaking strength	Aluminum alloy (5005-6201)	Rated breaking strength	Compacted ACSR or all aluminum	Rated breaking strength	AWAC	Rated breaking strength	Copper or copperweld copper composite	Rated breaking strength
Bare conductor information AWG or kmcil (cont'd)										
0.492	–	–	–	–	–	–	–	–	3/0, 12W	7,556
0.494	–	–	–	–	–	–	–	–	2/0J	13,430
0.502	3/0, 6/1	6,675	3/0, 7W	4,965	–	–	2/0, 4/3	12,000	–	–
0.517	–	–	–	–	4/0, 6/1	8,420	–	–	–	–
0.522	4/0, 7W	3,590	–	–	–	–	–	–	4/0, 7W	9,154
0.523	–	–	–	–	250, 19W	4,506	–	–	–	–
0.528	4/0, 19W	3,980	–	–	–	–	–	–	4/0, 19W	9,617
0.530	134.6, 12/7	12,920	–	–	–	–	–	–	–	–
0.534	–	–	–	–	–	–	–	–	2/0K	17,600
0.537	–	–	–	–	266.8, 7W	4,775	–	–	–	–
0.540	–	–	–	–	266.8, 19W	4,800	–	–	–	–
0.541	–	–	–	–	–	–	1/0, 2/5	20,030	–	–
0.550	–	–	–	–	–	–	–	–	4/0F	12,290
0.552	–	–	–	–	–	–	4/0, 6/1	7,685	4/0, 12W	9,483
0.559	–	–	–	–	266.8, 18/1	7,100	–	–	–	–
0.563	4/0, 6/1	8,420	4/0, 7W	6,265	–	–	–	–	–	–
0.571	–	–	–	–	–	–	–	–	4/0EK	15,370
0.573	–	–	–	–	300, 19W	5,301	–	–	–	–
0.574	250, 19W	–	–	–	–	–	–	–	250, 19W	11,360
0.575	250, 37W	4,860	–	–	–	–	4/0, 15/4	10,870	250, 37W	11,560
0.576	159, 12/7	15,200	–	–	–	–	–	–	–	–
0.583	–	–	–	–	–	–	–	–	4/0G	15,640
0.586	266.8, 7W	4,780	–	–	–	–	–	–	–	–
0.593	266.8, 19W	4,810	–	–	300, 18/1	7,990	–	–	–	–
0.594	266.8, 37W	–	–	–	–	–	–	–	–	–
0.600	–	–	–	–			–	–	250, 12W	11,130
0.603	–	–	–	–	336.4, 7W	5,885	–	–	–	–
0.607	176.9, 12/7	16,440	–	–	336.4, 19W	5,940	–	–	–	–
0.609	266.8, 18/1	7,100	–	–	–	–	–	–	–	–
0.613	–	–	–	–			–	–	4/0E	20,730
0.618	–	–	–	–	350, 19W	6,185	–	–	–	–
0.621	–	–	–	–	–	–	–	–	250EK	17,840
0.628	300, 19W	5,890	–	–	336.4, 18/1	8,950	–	–	300, 19W	13,510
0.630	300, 37W	5,830	–	–	–	–	–	–	300, 37W	13,870
0.631	190.8, 12/7	17,730	–	–	–	–	–	–	–	–
0.633	266.8, 6/7	9,645	–	–	–	–	–	–	–	–
0.642	266.8, 26/7	11,250	266.8, 19W	8,180	–	–	–	–	–	–
0.657	–	–	–	–	–	–	–	–	300, 12W	13,170
0.660	–	–	–	–	397.8, 19W	6,880	–	–	–	–
0.664	211.3, 12/7	19,640	–	–	–	–	–	–	–	–
0.666	336.4, 19W	5,945	–	–	–	–	–	–	250E	23,920
0.678	–	–	–	–	–	–	–	–	350, 19W	15,590
0.679	350, 19W	6,180	–	–	–	–	336.4, 18/1	8,650	–	–
0.680	300, 26/7	12,650	–	–	–	–	–	–	300EK	20,960
0.681	350, 37W	6,680	–	–	–	–	–	–	350, 37W	16,060
0.682	–	–	–	–	397.5, 18/1	10,040	–	–	–	–
0.684	336.4, 18/1	8,950	–	–	–	–	–	–	–	–
0.700	300, 30/7	15,430	–	–	–	–	–	–	–	–

Conductor reference

Conductor diameter (in.)	ACSR or all aluminum	Rated breaking strength	Aluminum alloy (5005-6201)	Rated breaking strength	Compacted ACSR or all aluminum	Rated breaking strength	AWAC	Rated breaking strength	Copper or copperweld copper composite	Rated breaking strength
Bare conductor information AWG or kmcil (cont'd)										
0.710	–	–	–	–	–	–	–	–	350, 12W	15,140
0.714	203.2, 16/19	27,500	–	–	–	–	–	–	–	–
0.721	336.4, 26/7	14,050	–	–	–	–	–	–	–	–
0.722	–	–	–	–	477, 19W	8,090	–	–	–	–
0.724	397.5, 19W	6,885	–	–	–	–	–	–	–	–
0.726	–	–	–	–	–	–	–	–	400, 19W	17,560
0.728	400, 37W	7,350	–	–	–	–	–	–	400, 37W	18,320
0.729	–	–	–	–	–	–	–	–	300E	27,770
0.735	–	–	–	–	–	–	–	–	350EK	23,850
0.739	–	–	–	–	500, 19W	8,480	–	–	–	–
0.741	336.4, 30/7	17,040	–	–	–	–	–	–	–	–
0.742	–	–	–	–	477, 18/1	11,870	–	–	–	–
0.743	397.5, 18/1	10,400	–	–	–	–	–	–	–	–
0.770	–	–	–	–	–	–	–	–	450, 19W	19,750
0.772	450, 37W	8,110	–	–	–	–	–	–	450, 37W	20,450
0.780	–	–	–	–	556, 19W	9,440	–	–	–	–
0.782	–	–	397.5, 19W	11,840	–	–	–	–	–	–
0.783	397.5, 26/7	16,190	–	–	–	–	–	–	–	–
0.788	–	–	–	–	–	–	–	–	350E	32,420
0.793	477, 19W	8,090	–	–	–	–	–	–	–	–
0.795	477, 37W	8,600	–	–	–	–	–	–	–	–
0.801	–	–	–	–	556.5, 18/1	13,850	–	–	–	–
0.806	397.5, 30/7	19.980	–	–	–	–	–	–	–	–
0.811	500, 19W	9,425	–	–	–	–	–	–	500, 19W	21,950
0.813	500, 37W	9,010	–	–	–	–	–	–	500, 37W	22,510
0.814	477, 18/1	12,300	–	–	–	–	–	–	–	–
0.834	–	–	–	–	636, 19W	10,790	–	–	–	–
0.846	477, 24/7	17,200	–	–	–	–	–	–	–	–
0.853	–	–	–	–	–	–	–	–	550, 37W	24,760
0.855	500, 61W	10,490	–	–	–	–	–	–	550, 61W	25,230
0.856	556, 19W	9,440	–	–	–	–	–	–	–	–
0.858	477, 26/7 556.5, 37/W	19,430 9,835	477, 19W	13,450	–	–	–	–	–	–
0.862	–	–	–	–	636, 18/1	15,830	–	–	–	–
0.879	556.5, 18/1	14,300	–	–	–	–	–	–	–	–
0.883	477, 30/7	23,300	–	–	–	–	–	–	–	–
0.891	–	–	–	–	–	–	–	–	600, 37W	27,020
0.893	600, 61W	11,450	–	–	–	–	–	–	600, 61W	27,530
0.904	500, 30/7	24,450	–	–	–	–	–	–	–	–
0.914	556.5, 24/7	9,925	–	–	–	–	–	–	–	–
0.918	636,37W	11,240	–	–	–	–	–	–	–	–
0.927	556.5, 26/7	19,850	556.5, 19W	15,680	–	–	–	–	–	–
0.928	–	–	–	–	–	–	–	–	650, 37W	29,130
0.929	650, 61W	11,940	–	–	–	–	–	–	650, 61W	29,770
0.932	–	–	–	–	795, 19W	16,540	–	–	–	–
0.940	636, 18/1	16,400	–	–	–	–	–	–	–	–

Conductor reference

Conductor diameter (in.)	ACSR or all aluminum	Rated breaking strength	Aluminum alloy (5005-6201)	Rated breaking strength	Compacted ACSR or all aluminum	Rated breaking strength	AWAC	Rated breaking strength	Copper or copperweld copper composite	Rated breaking strength
Bare conductor information AWG or kmcil (cont'd)										
0.953	556.5, 30/7	27,200	–	–	–	–	–	–	–	–
0.953	605, 24/7	21,500	–	–	–	–	–	–	–	–
0.953	605, 54/7	22,500	–	–	–	–	–	–	700, 37W	31,170
0.962	–	–	–	–	–	–	–	–	700, 61W	31,820
0.964	700, 61W	12,860	–	–	–	–	–	–	–	–
0.966	605, 26/7	24,100	–	–	–	–	–	–	–	–
0.974	715.5, 37W	12,640	–	–	–	–	–	–	–	–
0.975	715.5, 61W	13,150	–	–	–	–	–	–	–	–
0.977	636, 24/7	22,600	–	–	–	–	–	–	–	–
0.977	636, 54/7	23,600	–	–	–	–	–	–	–	–
0.981	–	–	–	–	874.5, 37W	14,830	–	–	–	–
0.990	636, 26/7	25,000	636, 37W	19,110	–	–	–	–	–	–
0.994	605, 30/19	30,000	–	–	874.5, 36/1	17,900	–	–	–	–
0.997	750, 37W	14,430	–	–	–	–	–	–	750, 37W	33,400
0.998	750, 61W	13,510	–	–	–	–	–	–	750, 61W	34,090
1.000	666.6, 24/7	23,700	–	–	–	–	–	–	–	–
1.000	666.6, 54/7	24,500	–	–	–	–	–	–	–	–
1.019	636, 30/19	30,500	–	–	–	–	–	–	–	–
1.024	–	–	–	–	954, 37W	16,180	–	–	–	–
1.026	795, 37W	13,770	–	–	–	–	–	–	–	–
1.028	795, 61W	14,330	–	–	–	–	–	–	–	–
1.029	–	–	–	–	–	–	–	–	800, 37W	35,120
1.031	800, 61W	14,410	–	–	–	–	–	–	800, 61W	36,360
1.039	–	–	–	–	954, 36/1	19,520	–	–	–	–
1.040	795, 36/1	10,000	–	–	–	–	–	–	–	–
1.051	715.5, 26/7	28,100	–	–	–	–	–	–	–	–
1.061	–	–	–	–	–	–	–	–	850, 37W	37,310
1.062	–	–	–	–	–	–	–	–	850, 61W	38,270
1.063	795, 45/7	22,900	–	–	–	–	–	–	–	–
1.077	874.5, 37W	14,840	–	–	–	–	–	–	–	–
1.078	874.5, 61W	15,760	–	–	–	–	–	–	–	–
1.081	715.5, 30/19	34,600	–	–	–	–	–	–	–	–
1.092	–	–	–	–	–	–	–	–	900, 37W	39,510
1.093	795, 54/7	28,500	–	–	–	–	–	–	–	–
1.094	900, 61W	15,900	–	–	–	–	–	–	900, 61W	40,520
1.108	795, 26/7	31,200	795, 37W	23,590	–	–	–	–	–	–
1.124	954, 37W	16,180	–	–	–	–	–	–	–	–
1.126	954, 61W	16,860	–	–	–	–	–	–	–	–
1.140	795, 30/19	38,400	–	–	–	–	–	–	–	–
1.146	874.5, 54/7	31,400	–	–	–	–	–	–	–	–
1.151	1,000, 37W	–	–	–	–	–	–	–	1,000, 37W	43,830
1.152	1,000, 61W	17,670	–	–	–	–	–	–	1,000, 61W	45,030
1.162	900, 54/7	32,300	–	–	–	–	–	–	–	–
1.165	954, 45/7	26,900	–	–	–	–	–	–	–	–
1.170	1,033.5, 37W	17,530	–	–	–	–	–	–	–	–
1.172	1,033.5, 61W	18,260	–	–	–	–	–	–	–	–
1.196	954, 54/7	34,200	–	–	–	–	–	–	–	–
1.213	1,033.5, 45/7	28,900	–	–	–	–	–	–	–	–

Conductor reference

Conductor diameter (in.)	ACSR or all aluminum	Rated breaking strength	Aluminum alloy (5005-6201)	Rated breaking strength	Compacted ACSR or all aluminum	Rated breaking strength	AWAC	Rated breaking strength	Copper or copperweld copper composite	Rated breaking strength
Bare conductor information AWG or kmcil (cont'd)										
1.216	1,113, 61W	19,670	–	–	–	–	–	–	–	–
1.246	1,033.5, 54/7	37,100	–	–	–	–	–	–	–	–
1.258	1,192.5, 61W	21,070	–	–	–	–	–	–	–	–
1.259	1,113, 45/7	30,900	–	–	–	–	–	–	–	–
1.288	–	–	–	–	1, 468, 36/1	30,000	–	–	–	–
1.293	1,113, 54/19	40,200	–	–	–	–	–	–	–	–
1.300	1,272, 61W	22,030	–	–	–	–	–	–	–	–
1.302	1,192.5, 45/7	33,200	–	–	–	–	–	–	–	–
1.333	1,192.5, 54/19	43,100	–	–	–	–	–	–	–	–
1.340	1,351.5, 61W	23,400	–	–	–	–	–	–	–	–
1.345	1,272, 45/7	35,400	–	–	–	–	–	–	–	–
1.379	1,431, 61W	23,400	–	–	–	–	–	–	–	–
1.382	1,272, 54/19	44,800	–	–	–	–	–	–	–	–
1.417	1,510.5, 61W	25,630	–	–	–	–	–	–	–	–
1.424	1,351.5, 54/19	47,600	–	–	–	–	–	–	–	–
1.427	1,431, 45/7	39,800	–	–	–	–	–	–	–	–
1.443	1,431, 54/19 1,590, 61W	50,400 26,970	–	–	–	–	–	–	–	–
1.454	1,590, 91W	28,100	–	–	–	–	–	–	–	–
1.465	1,431, 54/19	50,400	–	–	–	–	–	–	–	–
1.504	1,590, 45/7	43,800	–	–	–	–	–	–	–	–
1.506	1,510.5, 54/19	53,300	–	–	–	–	–	–	–	–
1.545	1,590, 54/19	56,000	–	–	–	–	–	–	–	–
1.602	1,780, 84/19	53,600	–	–	–	–	–	–	–	–
1.630	2,000, 91W	34,640	–	–	–	–	–	–	–	–
1.823	2,500, 91W	42,410	–	–	–	–	–	–	–	–
1.996	3,000, 127W	50,890	–	–	–	–	–	–	–	–
2.158	3,500, 127W	59,380	–	–	–	–	–	–	–	–

Conductor reference

Circular mils Typical	AWG size	Metric wire size mm²	Equivalent circular mils	Stranding/wire diameter per standard in.	Stranding/wire diameter per standard mm	Approximate overall diameter in.	Approximate overall diameter mm
AWG/kcmil vs. metric wire sizes — option 1							
–	–	0.50	987	1/0.032	1/0.813	0.032	0.81
1,020	20	–	–	7/0.0121	7/0.307	0.036	0.91
–	–	0.75	1,480	1/0.039	1/0.991	0.039	0.99
1,620	18	–	–	1/0.0403	1/1.02	0.040	1.02
1,620	18	–	–	7/0.0152	7/0.386	0.046	1.16
–	–	1.0	1,974	1/0.045	1/1.14	0.045	1.14
–	–	1.0	1,974	7/0.017	7/0.432	0.051	1.30
2,580	16	–	–	1/0.0508	1/1.29	0.051	1.29
2,580	16	–	–	7/0.0192	7/0.488	0.058	.46
–	–	1.5	2,960	1/0.055	1/1.40	0.055	1.40
–	–	1.5	2,960	7/0.021	7/5.33	0.063	1.60
4,110	14	–	–	1/0.0641	1/1.63	0.064	1.63
4,110	14	–	–	7/0.0242	7/0.615	0.073	1.84
–	–	2.5	4,934	1/0.071	1/1.80	0.071	1.80
–	–	2.5	4,934	7/0.027	7/0.686	0.081	2.03
6,530	12	–	–	1/0.0808	1/2.05	0.081	2.05
6,530	12	–	–	7/0.0305	7/0.775	0.092	2.32
–	–	4	7,894	1/0.089	1/2.26	0.089	2.26
–	–	4	7,894	7/0.34	7/0.864	0.102	2.59
10,380	10	–	–	1/0.1019	1/2.59	0.102	2.59
10,380	10	–	–	7/0.0385	7/0.978	0.116	2.93
–	–	6	11, 840	1/0.109	1/2.77	0.109	2.77
–		6	11, 840	7/0.042	7/0.107	0.126	3.21
13, 090	9	–	–	1/0.1144	1/2.91	0.1144	2.91
13, 090	9	–	–	7/0.0432	7/1.10	0.130	3.30
16, 510	8	–	–	1/0.1285	1/3.26	0.128	3.26
16, 510	8	–	–	7/0.0486	7/1.23	0.149	3.0
–	–	10	19,740	1/0.141	1/3.58	0.141	3.58
–	–	10	19,740	7/0.54	7/1.37	0.162	4.12
20,820	7	–	–	1/0.1443	1/3.67	0.144	3.67
20,820	7	–	–	7/0.545	7/1.38	0.164	4.15
26,240	6	–	–	1/0.162	1/4.11	0.162	4.11
26,240	6	–	–	7/0.0612	7/1.55	0.184	4.66
–	–	16	31, 580	7/0.068	7/1.73	0.204	5.18
33,090	5	–	–	7/0.0688	7/1.75	0.206	5.24
41,740	4	–	–	7/0.0772	7/1.96	0.232	5.88
–	–	25	49,340	7/0.085	7/2.16	0.255	6.48
–	–	25	49,340	19/0.052	19/1.32	0.260	6.60
52,620	3	–	–	7/0.0867	7/2.20	0.260	6.61
66,360	2	–	–	7/0.0974	7/2.47	0.292	7.42
–	–	35	69,070	7/0.100	7/2.54	0.300	7.62
–	–	35	69,070	19/0.061	19/1.55	0.305	7.75

Conductor reference

Circular mils Typical	AWG size	Metric wire size mm²	Equivalent circular mils	Stranding/wire diameter per standard		Approximate overall diameter	
				in.	mm	in.	mm
AWG/kcmil vs. metric wire sizes – option 1 (cont'd)							
83,690	1	–	–	19/0.0664	19/1.69	0.332	8.43
–	–	50	98,680	19/0.073	19/1.85	0.365	9.27
105,600	1/0	–	–	19/0.0745	19/1.89	0.373	9.46
133,100	2/0	–	–	19/0.0837	19/2.13	0.419	10.6
–	–	70	138,100	19/0.086	19/2.18	0.430	10.9
167,800	3/0	–	–	19/0.094	19/2.39	0.470	11.9
167,800	3/0	–	–	37/0.0673	37/1.71	0.471	12.0
–	–	95	187,500	19/0.101	19/2.57	0.505	12.8
–	–	95	187,500	37/0.072	37/1.83	0.504	12.8
211,600	4/0	–	–	19/0.1055	19/2.68	0.528	13.4
–	–	120	237.8 kcmil	37/0.081	37/2.06	0.567	14.4
250 kcmil	–	–	–	37/0.0822	37/2.09	0.575	14.6
300 kcmil	–	150	–	37/0.090	37/2.29	0.630	16.0
350 kcmil	–	–	–	37/0.0973	37/2.47	0.681	17.3
–	–	185	365.1 kcmil	37/0.100	37/2.54	0.700	17.8
400 kcmil	–	–	–	37/0.104	37/2.64	0.728	28.5
–	–	240	473.6 kcmil	37/0.114	37/2.90	0.798	20.3
–	–	240	473.6 kcmil	61/0.089	61/2.26	0.801	20.3
500 kcmil	–	–	–	37/0.1162	37/2.95	0.813	20.7
500 kcmil	–	–	–	61/0.0905	61/2.30	0.814	20.7
–	–	300	592.1 kcmil	61/0.99	61/2.51	0.891	22.6
600 kcmil	–	–	–	61/0.0992	61/2.52	0.893	22.7
700 kcmil	–	–	–	61/0.1071	61/2.72	0.964	24.5
750 kcmil	–	–	–	61/0.1109	61/2.82	0.998	25.4
750 kcmil	–	–	–	91/0.0908	91/2.31	0.999	25.4
–	–	400	789.4 kcmil	61/0.114	61/2.90	1.026	26.1
800 kcmil	–	–	–	61/0.1145	61/2.91	1.031	26.2
800 kcmil	–	–	–	91/0.0938	91/2.38	1.032	26.2
1,000 kcmil	–	500	986.8 kcmil	61/0.1280	61/3.25	1.152	29.3
1,000 kcmil	–	–	–	91/0.1048	91/2.66	1.153	29.3
–	–	625	1,233.7 kcmil	91/0.117	91/2.97	1.287	32.7
1,250 kcmil	–	–	–	91/0.1172	91/2.98	1.289	32.7
1,250 kcmil	–	–	–	127/0.0992	127/2.52	1.290	32.8
1,500 kcmil	–	–	–	91/0.1284	91/3.26	1.412	35.9
1,500 kcmil	–	–	–	127/0.1087	127/2.76	1.413	35.9
–	–	800	1,578.8 kcmil	91/0.132	91/3.35	1.452	36.9
–	–	1,000	1,973.5 kcmil	91/0.147	91/3.73	1.617	41.1
2,000 kcmil	–	–	–	127/0.1255	127/3.19	1.632	41.5
2,000 kcmil	–	–	–	169/0.1088	169/2.76	1.632	41.5

Conductor reference

Approximate overall diameter						Stranding/wire diameter per strand	
in.	mm	Circular mils	AWG size	Metric wire size mm²	Equivalent circular mils	in.	mm
AWG/kcmil vs. metric wire sizes – option 2							
0.032	0.81	–	–	0.50	987	1/0.032	1/0.813
0.036	0.91	1,020	20	–	–	7/0.0121	7/0.307
0.039	0.099	1,020	–	0.75	1,480	1/0.039	1/0.991
0.040	1.02	1,620	18	–	–	1/0.0403	1/1.02
0.046	1.16	1,620	18	–	–	7/0.0152	7/0.386
0.045	1.14	–	–	1.0	1,974	1/0.045	1/1.14
0.051	1.30	–	–	1.0	1,974	7/0.017	7/0.432
0.051	1.29	2,580	16	–	–	1/0.0508	1/1.29
0.058	1.46	2,580	16	–	–	7/0.0192	7/0.488
0.055	0.40	–	–	1.5	2,960	1/0.055	1/1.40
0.063	1.60	–		1.5	2,960	7/0.021	7/5.33
0.064	1.63	4,110	14	–	–	1/0.0641	1/1.63
0.073	1.84	4,110	14	–	–	7/0.0242	7/0.615
0.071	1.80	–	–	2.5	4,934	1/0.071	1/1.80
0.081	2.06	–		2.5	4,934	7/0.027	7/0.686
0.081	2.05	6,530	12	–	–	1/0.0808	1/2.05
0.092	2.32	6,530	12	–	–	7/0.0305	7/0.775
0.089	2.26	–	–	4	7,894	1/0.089	1/2.26
0.102	2.59	–	–	4	7,894	7/0.034	7/0.864
0.102	2.59	10,380	10	–	–	1/0.1019	1/2.59
0.116	2.93	10,380	10	–	–	7/0.0385	7/0.978
0.109	2.77	–	–	6	11, 840	1/0.109	1/2.77
0.126	3.21	–		6	11, 840	7/0.042	7/0.107
0.1144	2.91	13, 090	9	–	–	1/0.1144	1/2.91
0.130	3.30	13, 090	9	–	–	7/0.0432	7/1.10
0.128	3.26	16, 510	8	–	–	1/0.1285	1/3.26
0.146	3.70	16, 510	8	–	–	7/0.0486	7/1.23
0.141	3.58	–	–	10	19740	1/0.141	1/3.58
0.162	4.12	–		10	19740	7/0.054	7/1.37
0.144	3.67	20,820	7	–	–	1/0.1443	1/3.67
0.164	4.15	20,820	7	–	–	7/0.0545	7/1.38
0.162	4.11	26,240	6	–	–	1/0.162	1/4.11
0.184	4.66	26,240	6	–	–	7/0.0612	7/1.55
0.204	5.18	–	–	16	31, 580	7/0.068	7/1.73
0.206	5.24	33,090	5	–	–	7/0.0688	7/1.75
0.232	5.88	41,740	4	–	–	7/0.0772	7/1.96
0.255	6.48	–	–	25	49,340	7/0.085	7/2.16
0.260	6.60	–		25	49,340	19/0.052	19/1.32
0.260	6.61	52,620	3	–	–	7/0.0867	7/2.20
0.292	7.42	66,360	2	–	–	7/0.0974	7/2.47
0.300	7.62	–	–	35	69,070	7/0.100	7/2.54
0.305	7.75	–	–	35	69,070	19/0.061	19/1.55

Conductor reference

Approximate overall diameter				Metric wire	Equivalent	Stranding/wire diameter per strand	
in.	mm	Circular mils	AWG size	size mm²	circular mils	in.	mm
AWG/kcmil vs. metric wire sizes – option 2 (cont'd)							
0.332	8.43	83,690	1	–	–	19/0.0664	19/1.69
0.365	9.27	–	–	50	98,680	19/0.073	19/1.85
0.373	9.46	105,600	1/0	–	–	19/0.0745	19/1.89
0.419	10.6	133,100	2/0	–	–	19/0.0837	19/2.13
0.430	10.9	–		70	138,100	19/0.086	19/2.18
0.470	11.9	167,800	3/0	–	–	19/0.094	19/2.39
0.471	12.0	167,800	3/0	–	–	37/0.0673	37/1.71
0.505	12.8	–	–	95	187,500	19/0.101	19/2.57
0.504	12.8	–		95	187,500	37/0.072	37/1.83
0.528	13.4	211,600	4/0	–	–	19/0.1055	19/2.68
0.567	14.4	–	–	120	237.8 kcmil	37/0.081	37/2.06
0.575	14.6	250 kcmil	–	–	–	37/0.0822	37/2.09
0.630	16.0	300 kcmil	–	150	–	37/0.090	37/2.29
0.681	17.3	350 kcmil	–	–	–	37/0.0973	37/2.47
0.700	17.8	–	–	185	365.1 kcmil	37/0.100	37/2.54
0.728	18.5	400 kcmil	–	–	–	37/0.104	37/2.64
0.798	20.3	–	–	240	473.6 kcmil	37/0.114	37/2.90
0.801	20.3	–	–	240	473.6 kcmil	61/0.089	61/2.26
0.813	20.7	500 kcmil	–	–	–	37/0.1162	37/2.95
0.814	20.7	500 kcmil	–	–	–	61/0.0905	61/2.30
0.891	22.6	–	–	300	592.1 kcmil	61/0.099	61/2.51
0.893	22.7	600 kcmil	–	–	–	61/0.0992	61/2.52
0.964	24.5	700 kcmil	–	–	–	61/0.1071	61/272
0.998	25.4	750 kcmil	–	–	–	61/0.1109	61/2.82
0.999	25.4	750 kcmil	–	–	–	91/0.0908	91/2.31
1.026	26.1	–	–	400	789.4 kcmil	61/0.114	61/2.90
0.031	26.2	800 kcmil	–	–	–	61/0.1145	61/2.91
0.032	26.2	800 kcmil	–	–	–	91/0.0938	91/2.38
1.152	29.3	1,000 kcmil	–	500	986.8 kcmil	61/0.1280	61/3.25
0.153	29.3	1,000 kcmil	–	–	–	91/0.1048	91/2.66
1.287	32.7	–	–	625	1,233.7 kcmil	91/0.117	91/2.97
1.289	32.7	1,250 kcmil	–	–	–	91/0.1172	91/2.98
1.290	32.8	1,250 kcmil	–	–	–	127/0.0992	127/2.52
1.412	35.9	1,500 kcmil	–	–	–	91/0.1284	91/3.26
1.413	35.9	1,500 kcmil	–	–	–	127/0.1087	127/2.76
1.452	36.9	–	–	800	1,578.8 kcmil	91/0.132	91/3.35
1.617	41.1	–	–	1,000	1,973.5 kcmil	91/0.147	91/3.73
1.632	41.5	2,000 kcmil	–	–	–	127/0.1255	127/3.19
1.632	41.5	2,000 kcmil	–	–	–	169/0.1088	169/2.76