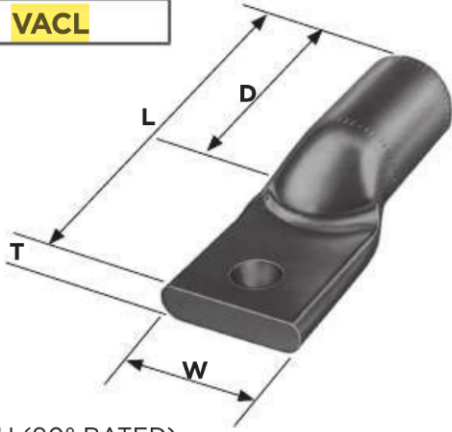




# VERSAtile™ ALUMINUM COMPRESSION TERMINAL TYPE **VACL**

ALUMINUM  
**VACL**



- For use with either VERSA-CRIMP® or conventional compression tools.
- UL listed for aluminum or copper conductors.
- Factory inhibited
- Color coded end plugs for easy die selection (see page DF-16 and DF-17).

**Material:** Body - Aluminum Alloy-Tin Plated



LISTED  
261L



AL9CU (90° RATED)

## Product Data & Conductor Size

CATALOG NUMBER	NO. PAD HOLES	ALUMINUM OR COPPER CONDUCTOR		VERSA-CRIMP TOOL TYPE	PAD BOLT DIA.	DIMENSIONS INCHES (MM)				APPROX. WT. EACH LBS. (KG)	I.D. INCHES (MM)
		CONVENTIONAL TOOLING RANGE	VERSA-CRIMP® SYSTEM RANGE			L	D	W	T		
VACL414	1	#4 Str. Al/Cu	#4 Str. Al/Cu	VC6350	1/4	2-5/16 (58.7)	1 (25.4)	13/16 (20.6)	1/8 (3.2)	.02 (.01)	.252 (6.4)
VACL438	1				3/8	2-5/16 (58.7)	1 (25.4)	13/16 (20.6)	1/8 (3.2)	.02 (.01)	.252 (6.4)
VACL214	1	#2 Str. Al/Cu	#6-#2 Str. Al/Cu	VC6	1/4	2-1/2 (63.5)	1-1/8 (28.4)	7/8 (22.2)	3/16 (4.8)	.04 (.02)	.312 (7.9)
VACL2516	1				5/16	2-1/2 (63.5)	1-1/8 (28.4)	7/8 (22.2)	3/16 (4.8)	.04 (.02)	.312 (7.9)
VACL238	1				3/8	2-1/2 (63.5)	1-1/8 (28.4)	7/8 (22.2)	3/16 (4.8)	.04 (.02)	.312 (7.9)
VACL1516	1	#1 Str. Al/Cu	#4-#1 Str. Al/Cu	VC6	5/16	2-3/4 (69.9)	1-1/8 (28.4)	3/4 (19.0)	3/16 (4.8)	.05 (.02)	.350 (8.9)
VACL138	1				3/8	2-3/4 (69.9)	1-1/8 (28.4)	3/4 (19.0)	3/16 (4.8)	.05 (.02)	.350 (8.9)
VACL1038	1	1/0 Str. Al/Cu	#8-1/0 Str. Al/Cu	VC6	3/8	2-15/16 (74.6)	1-5/16 (33.3)	13/16 (20.6)	3/16 (4.8)	.05 (.02)	.393 (10.0)
VACL1012	1				1/2	3-1/8 (79.4)	1-5/16 (33.3)	13/16 (20.6)	3/16 (4.8)	.05 (.02)	.393 (10.0)
VACL1012BN	2				1/2	4-7/8 (128.8)	1-5/16 (33.3)	13/16 (20.6)	3/16 (4.8)	.05 (.02)	.393 (10.0)
VACL2038	1	2/0 Str. Al/Cu	#4-2/0 Str. Al/Cu	VC6	3/8	2-15/16 (74.6)	1-5/16 (33.3)	15/16 (23.8)	1/4 (6.3)	.07 (.03)	.450 (11.4)
VACL2012	1				1/2	3-1/8 (79.4)	1-5/16 (33.3)	15/16 (23.8)	1/4 (6.3)	.07 (.03)	.450 (11.4)
VACL2012BN	2				1/2	4-7/8 (128.8)	1-5/16 (33.3)	15/16 (23.8)	1/4 (6.3)	.12 (.05)	.450 (11.4)

Continued on next page.

HIGH VOLTAGE APPLICATIONS—All Aluminum/Copper and Copper Lugs (VCEL, VACL, VHCL, VHCS and VCELC) are rated at 34.5KV. The other U.L. Listed compression connectors (VACS, VACT, VCCT, VHSS and VHS) have a maximum UL voltage requirement of less than 2000 volts, however Anderson recommends these connectors for application through 34.5 KV subject to manufacturers' limitations for insulation material.

DF  
2



# TYPE **VACL** ALUMINUM COMPRESSION TERMINAL (CONTINUED)

## Product Data & Conductor Size

CATALOG NUMBER	NO. PAD HOLES	ALUMINUM OR COPPER CONDUCTOR		VERSA-CRIMP TOOL TYPE	PAD BOLT DIA.	DIMENSIONS INCHES (MM)				APPROX. WT. EACH LBS. (KG)	I.D. INCHES (MM)
		CONVENTIONAL TOOLING RANGE	VERSA-CRIMP® SYSTEM RANGE			L	D	W	T		
VACL3038	1	3/0 Str. Al/Cu	#4—3/0 Str. Al/Cu	VC6 (ALL)	3/8	3 (76.2)	1-5/16 (33.3)	1-1/16 (26.99)	1/4 (6.3)	.10 (.04)	.502 (12.8)
VACL3012	1				1/2	3-3/16 (81.0)				.10 (.04)	.502 (12.8)
VACL3012BN	2				1/2	4-15/16 (125.4)				.16 (.07)	.502 (12.8)
VACL4038	1	4/0 Str. Al/Cu	#2—4/0 Str. Al/Cu		3/8	3-15/16 (84.1)	1-1/2 (38.1)	1-1/4 (31.7)	1/4 (6.3)	.13 (.06)	.562 (14.3)
VACL4012	1				1/2	3-1/2 (88.9)				.13 (.06)	.562 (14.3)
VACL4012BN	2				1/2	5-1/4 (133.3)				.20 (.09)	.562 (14.3)
VACL25012	1	250 MCM Al/Cu	1/0—250 MCM Al/Cu		1/2	3-9/16 (90.5)	1-1/2 (38.1)	1-1/4 (31.7)	5/16 (7.9)	.16 (.07)	.605 (15.4)
VACL25012BN	2				1/2	5-5/16 (134.9)				.25 (.11)	.605 (15.4)
VACL30012	1	300 MCM Al/Cu	1/0—300 MCM Al/Cu		1/2	3-3/4 (95.2)	1-1/2 (38.1)	1-3/8 (34.9)	3/8 (9.5)	.19 (.09)	.660 (16.8)
VACL30012BN	2				1/2	5-1/2 (139.7)				.31 (.14)	.670 (17.0)
VACL35012	1	350 MCM Al/Cu	2/0—350 MCM Al/Cu	1/2	4-1/16 (103.2)	1-5/8 (41.3)	1-1/2 (38.1)	3/8 (9.5)	.31 (.14)	.711 (18.1)	
VACL35012BN	2			1/2	5-13/16 (147.6)				.36 (.16)	.711 (18.1)	
VACL40012BN	2	400 MCM Al/Cu	3/0—400 MCM Al/Cu	VC63 VC6FT	1/2	6 (152.4)	1-13/16 (46.0)	1-5/8 (41.3)	7/16 (11.1)	.45 (.20)	.758 (19.3)
VACL50012	1	500 MCM Al/Cu	4/0—500 MCM Al/Cu	1/2	4-11/16 (119.0)	2-5/16 (58.7)	1-11/16 (42.9)	3/8 (9.5)	.44 (.20)	.843 (21.4)	
VACL50012BN	2			1/2	6-7/16 (163.5)				.62 (.28)	.843 (21.4)	
VACL60012BN	2	600 MCM Al	350—600 MCM Al 350-500 MCM Cu	VC6FT VC8	1/2	7-1/8 (180.98)	2-5/16 (74.6)	1-7/8 (47.7)	7/16 (11.1)	.72 (.33)	.923 (23.4)
VACL75012	1	750 MCM Al	500—750 MCM Al 500 MCM Cu		1/2	5-3/8 (136.52)	2-5/16 (74.6)	1-15/16 (49.2)	5/16 (7.9)	.85 (.38)	1.028 (26.1)
VACL75012BN	2				1/2	7-1/8 (180.98)				.98 (.44)	1.028 (26.1)
VACL100012BN	2	1000 MCM Al	750—1000 MCM Al	VC8	1/2	7-13/16 (198.4)	2-3/4 (69.8)	2-5/8 (66.7)	11/16 (17.5)	1.42 (.64)	1.182 (30.0)

DF  
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Refer to pages DF-16 and DF-17 for recommended tool and die information.  
 Note: All two hole terminals are on NEMA 1-3/4" centers.  
 HIGH VOLTAGE APPLICATIONS—All Aluminum/Copper and Copper Lugs (VCEL, VACL, VHCL, VHCS and VCELC) are rated at 34.5KV. The other U.L. Listed compression connectors (VACS, VACT, VCCT, VHSS and VHS) have a maximum UL voltage requirement of less than 2000 volts, however Anderson recommends these connectors for application through 34.5 kV subject to manufacturers' limitations for conductor insulation material.