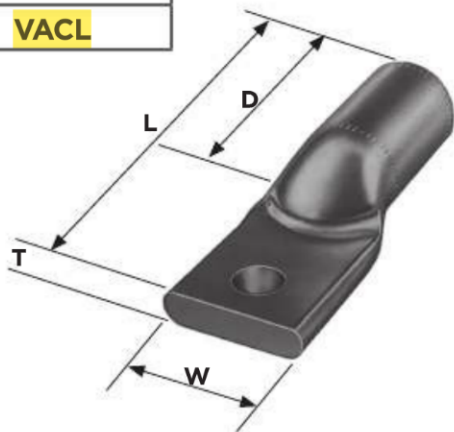




VERSAtile™ ALUMINUM COMPRESSION TERMINAL TYPE VACL

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)
		CONVENTION- AL 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 (ALL)	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		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		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		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.

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)
		CONVENTION- AL 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 (90.5)	.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	VC63 VC6FT	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		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)

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.