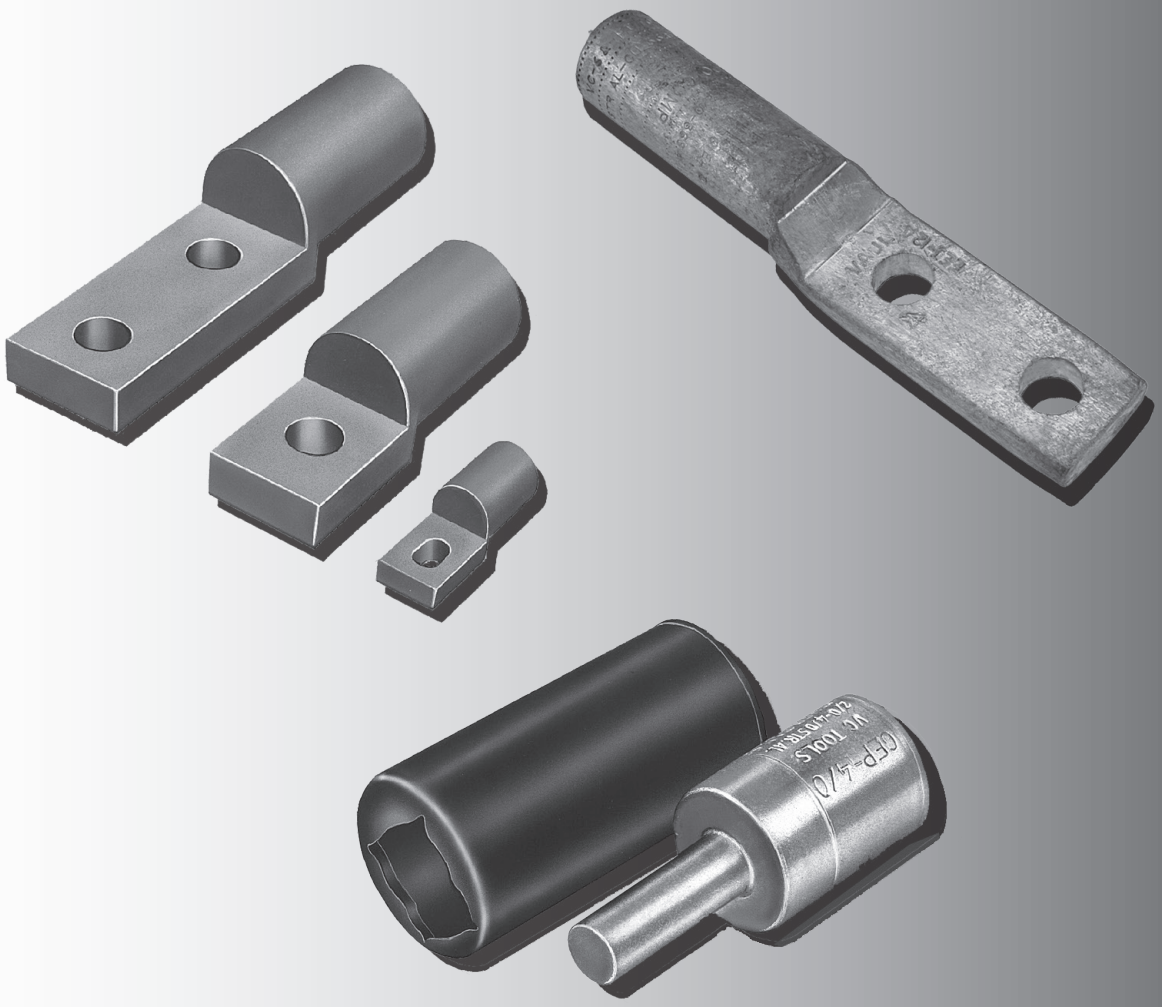
HUBBELL

DISTRIBUTION CONNECTORS

SECTION DF



COMPRESSION TERMINALS

Aluminum Compression Lugs

Aluminum Bi-Metal Pin Terminals

Copper Compression Lugs

VERSAtile™ ALUMINUM COMPRESSION TERMINAL TYPE VCEL

ALUMINUM
VCEL

- For use with either VERSA-CRIMP® or conventional compression tools
- For size-for-size replacements for original equipment set screw mechanical lugs, when recommended by the equipment manufacturer.
- UL listed for both concentric and compact aluminum and concentric copper conductor
- Meets ANSI C119.4 Class A performance on aluminum concentric conductor
- Color coded end plugs for easy die selection (see page DF-15).

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

LISTED 261L

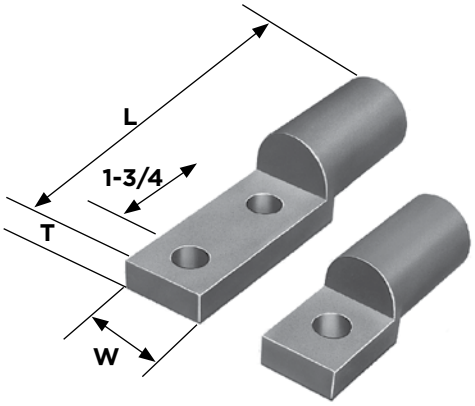


FIG. 2 FIG. 1

AL9CU (90° RATED)

Product Data & Conductor Size

CATALOG NUMBER	FIG. NO.	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	W	T		
VCEL02114S1	1	1/0 Str. Al/Cu	#8—1/0 Str. Al/Cu	VC6 (ALL)	1/4	1-3/4 (44.5)	39/64 (15.2)	1/4 (6.4)	.03 (.01)	.403 (10.2)
VCEL021516H1	1				5/16	1-3/4 (44.5)	39/64 (15.2)	1/4 (6.4)	.03 (.01)	.403 (10.2)
VCEL02138H1	1				3/8	1-27/32 (46.7)	11/16 (17.5)	11/64 (4.4)	.03 (.01)	.403 (10.2)
VCEL022516H1	1	2/0 Str. Al/Cu	#1—2/0 Str. Al/Cu		5/16	2-17/64 (57.4)	1 (25.4)	9/32 (7.1)	.12 (.05)	.453 (11.5)
VCEL02238H1	1				3/8	2-17/64 (57.4)	1 (25.4)	9/32 (7.1)	.12 (.05)	.453 (11.5)
VCEL024516H1	1	4/0 Str. Al/Cu	2/0—4/0 Str. Al/Cu		5/16	2-17/64 (57.4)	1 (25.4)	9/32 (7.1)	.11 (.05)	.562 (14.3)
VCEL02438H1	1				3/8	2-17/64 (57.4)	1 (25.4)	9/32 (7.1)	.11 (.05)	.562 (14.3)
VCEL030516H1	1	300 MCM Al/Cu	#4—300 MCM Al/Cu		5/16	2-17/64 (57.4)	1 (25.4)	9/32 (7.1)	.10 (.04)	.656 (16.7)
VCEL03038H1	1				3/8	2-17/64 (57.4)	1 (25.4)	9/32 (7.1)	.10 (.04)	.656 (16.7)
VCEL035516H1	1	350 MCM Al/Cu	250-350 MCM Al/Cu	VC63 VC6FT	5/16	2-17/64 (57.4)	1 (25.4)	9/32 (7.1)	.10 (.04)	.711 (18.1)
VCEL03538H1	1				3/8	2-17/64 (57.4)	1 (25.4)	9/32 (7.1)	.10 (.04)	.711 (18.1)
VCEL05038H1	1	500 MCM Al/Cu	2/0—500 MCM Al/Cu		3/8	3-13/32 (86.4)	1-3/16 (30.2)	1/2 (12.7)	.20 (.09)	.844 (21.4)
VCEL05012H1	1				1/2	3-13/32 (86.4)	1-3/16 (30.2)	1/2 (12.7)	.20 (.09)	.844 (21.4)
VCEL05012H2	2	500 MCM Al/Cu	2/0—500 MCM Al/Cu		1/2	5-3/64 (128.0)	1-3/16 (30.2)	1/2 (12.7)	.30 (.13)	.928 (23.6)
VCEL06012H1	1	600 MCM Al	400-600—MCM Al 400—500 MCM Cu	VC6FT	1/2	3-21/32 (92.7)	1-5/16 (33.0)	1/2 (12.7)	.28 (.13)	.928 (23.6)
VCEL06012H2	2	600 MCM Al	400-600—MCM Al 400—500 MCM Cu		1/2	5-9/32 (134.4)	1-5/16 (33.0)	1/2 (12.7)	.40 (.18)	.928 (23.6)
VCEL07512H1	1	750 MCM Al	500-750—MCM Al 500 MCM Cu		1/2	3-21/32 (92.7)	1-5/16 (33.0)	1/2 (12.7)	.25 (.11)	1.031 (26.2)
VCEL07512H2	2	750 MCM Al	500-750—MCM Al 500 MCM Cu		1/2	5-9/32 (134.4)	1-5/16 (33.0)	1/2 (12.7)	.36 (.16)	1.031 (26.2)

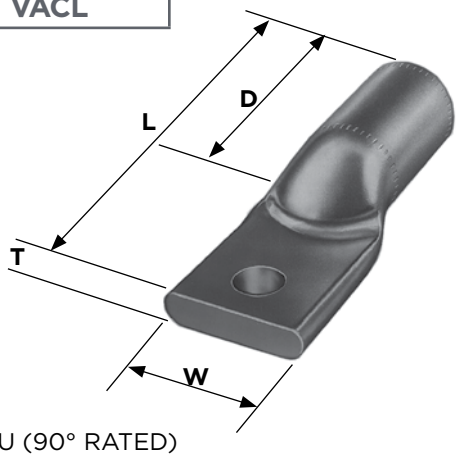
HIGH VOLTAGE APPLICATIONS—All Aluminum/Copper and Copper Lugs (VCEL, VACL, VHCL, VHCS and VCELC) are rated at 34.5KV. The other U.L. Listed compression connectors (VACS, VACT, VCCT, VHSS and VHS) have a maximum UL voltage requirement of less than 2000 volts, however Anderson recommends these connectors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

DF 1

VERSAtile™ ALUMINUM COMPRESSION TERMINAL TYPE VACL

ALUMINUM

VACL



AL9CU (90° RATED)

- 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

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 (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)
		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 (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 (.667)	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.

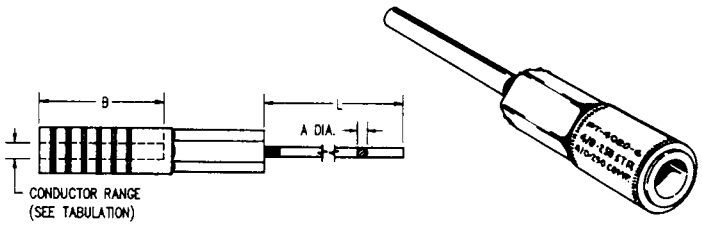
Note: All two hole terminals are on NEMA 1-3/4" centers.

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.

BI-METALLIC PIN TERMINALS FOR JOINING ALUMINUM CONDUCTORS TO COPPER EQUIPMENT TYPES PT & PTH

ALUMINUM

PT & PTH



- For use with VERSA-CRIMP® or die-type tooling
- Sleeve connector is factory compressed over knurled surface of tinned annealed copper rod.
- Provides a compatible bi-metallic transition for joining aluminum conductor to copper based transformer or other equipment terminals. Installed with popular dies.
- Prefilled with rubber compatible electrical joint compound and plugged.

Material: Aluminum
Copper Rod Tin Plated

CATALOG NUMBER	CONDUCTOR RANGE					RECOMMENDED CRIMPING DIE CODES/VC-TOOLS	A PIN (DIA.)	L INCHES (MM)	B INCHES (MM)	COLOR CODE
	CONVENTIONAL COMPRESSION			VERSA CRIMP						
	ALUM	ACSR	INCHES	ALUM	INCHES					
PT6425	4 Sol., 6 Str. & 6 Comp	6	.167-.206	#8 Str. - #4 Sol. Al. #6 ACSR	.146-.206	ANDERSON-VC6 (ALL) EEI8A BURNDY-BG,243 KEARNEY-5/8 ALCOA-08AH T&B-TU 52 BLACKBURN-5/8	4 Sol. (.204")	2-1/2 (63.5)	1 (25.4)	BLUE
PT4425	2 Sol., 3-4 Str. & 4 Comp	4	.204-.258	#8 Str. - #2 Sol. Al. #6-#4 ACSR	.146-.258		4 Sol. (.204")	2-1/2 (63.5)	1 (25.4)	ORANGE
PT2425	1-2 Str. 1/0 Sol. 2 Comp Str.	2	.268-.328	#8-#1 Str. Al. #6-#2 ACSR	.146-.328		4 Sol. (.204")	2-1/2 (63.5)	1 (25.4)	RED
PT226	1-2 Str. 1/0 Sol. 2 Comp Str.	2	.268-.328	#8-#1 Str. Al. #6-#2 ACSR	.146-.328		2 Sol. (.258")	6 (152.4)	1 (25.4)	RED
PTH226	1-2 Str. 1/0 Sol. 2 Comp Str.	2	.268-.328	#8-#1 Str. Al. #6-#2 ACSR	.146-.328		2 Sol. (.258")	6 (152.4)	1-3/4 (44.4)	RED
PT102S25	1/0 Str. 1/0 Comp	1/0	.336-.398	#8-1/0 Str. Al. #8-1/0 ACSR	.146-.398		2 Sol. (.258")	2-1/2 (63.5)	1 (25.4)	YELLOW
PT102S6	1/0 Str. 1/0 Comp	1/0	.336-.398	#8-1/0 Str. Al. #8-1/0 ACSR	.146-.398		2 Sol. (.258")	6 (152.4)	1 (25.4)	YELLOW
PTH1026	1/0 Str. 1/0 Comp	1/0	.336-.398	#8-1/0 Str. Al. #8-1/0 ACSR	.146-.398		2 Sol. (.258")	6 (152.4)	1-3/4 (44.4)	YELLOW
PT1026	1/0 Str. 1/0-2/0 Comp	1/0	.336-.398	#4-1/0 Str. Al. #4-1/0 ACSR	.232-.398	ANDERSON-VC6 (ALL) EEI11A BURNDY-249,840 KEARNEY-840 ALCOA-11AH T&B-TX 76 BLACKBURN-840 or B49 ea.	2 Sol. (.258")	6 (152.4)	1-7/8 (47.75)	YELLOW
PT201025	2/0 Str. 3/0 Comp	2/0	.414-.448	#4-2/0 Str. Al. #4-2/0 ACSR	.232-.448		1/0 Sol. (.325")	2-1/2 (63.5)	1-7/8 (47.75)	GRAY
PT20106	2/0 Str. 3/0 Comp	2/0	.414-.448	#4-2/0 Str. Al. #4-2/0 ACSR	.232-.448		1/0 Sol. (.325")	6 (152.4)	1-7/8 (47.75)	GRAY
PT30106	3/0 Str. 4/0 Comp	3/0	.464-.502	#4-3/0 Str. Al. #4-3/0 ACSR	.232-.502		1/0 Sol. (.325")	6 (152.4)	1-7/8 (47.75)	BLACK
PT40206	4/0-250 Str. 250-300 Comp	4/0	.522-.575	#4-250 Str. Al. #5-4/0 ACSR	.232-.575		2/0 Sol. (.365")	6 (152.4)	1-7/8 (47.75)	PINK
PT349406	300-350 Str. 350-400 Comp	336-18/1	.618-.684	#1-350 Str. #1-336-18/1	.328-.684		4/0 Sol. (.460")	6 (152.4)	1-7/8 (47.75)	NONE
PT300506	250-300 Str. 300-350 Comp.	4/0 266-18/1	.564-.630	3/0-300 Str. 3/0-266.8-18/1	.464-.630	ANDERSON-VC6FT VC6500 & VC63 EEI13A; ALCOA-13AH BURNDY-316,655,705 KEARNEY-1-1/8 T&B-96 BLACKBURN B80 ea.	4/0 Sol. (.460")	6 (152.4)	2-7/8 (73.15)	NONE
PT350506	300-350 Str. 350-400 Comp.	266-6/7 336-18/1	.616-.684	3/0-350 Str. 3/0-336.4-18/1	.464-.684		4/0 Sol. (.460")	6 (152.4)	2-7/8 (73.15)	NONE
PT400506	336-400 Str. 500 Comp. Str.	336-36/1 397-18/1	.666-.743	4/0-400 Str. 4/0-397-18/1	.522-.743		4/0 Sol. (.460")	6 (152.4)	2-7/8 (73.15)	NONE
PT500506	450-500 Str. 600 Comp. Str.	397-18/1 477-18/1	.743-.814	4/0-500 Str. 4/0-477-18/1	.522-.814		4/0 Sol. (.460")	6 (152.4)	2-7/8 (73.15)	NONE
PT800756	700-800 Str. 1000 Comp. Str.	605-26/7 715-36/1	.964-1.031	600-800 Str. 605-36/1-715-36/1	.891-1.031	ANDERSON VC8 BURNDY 301, 342, 608, 724, 786 KEARNEY-1 1/2 ALCOA-24 AH T&B-125	3/4 (.750")	6 (152.4)	2-7/8 (73.15)	NONE

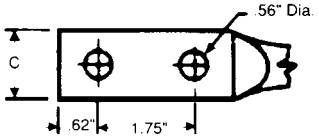
DF 4

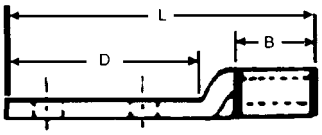
ALUMINUM LONG BARREL TERMINAL LUGS DESIGNED TO PERMIT OPTIONAL USE OF TYPE ATL STACKING LUGS TYPE AHL (SINGLE OR BOTTOM LUG)

ALUMINUM
AHL

- Rated for aluminum conductors at Code ampacities.
- Terminals through 750 MCM can be mounted side by side on NEMA equipment pads in any multiple without interference.
- Each fitting is marked with several manufacturers recommended crimping dies. Connectors are prefilled with rubber compatible electrical joint compound and plugged.
- For copper conductor, also see type CHL or VHCL/VAUL.

Material: Aluminum
Note: Add suffix "TP" to specify tin plating.





Product Data & Conductor Size

CATALOG NUMBER	CONDUCTOR RANGE (AL or CU)		(1) COMMON CRIMPING DIES	DIMENSIONS INCHES (MM)				APPROX. WT./100 LBS. (KG)	I.D. INCHES (MM)
	CONCENTRIC COMPRESSED STRAND RATING	DIAMETER RANGE -INCHES-		B	C	D	L		
AHL10BN	1/0	.358-.373	241 296 9/16 TU 52 7A, 8A	1.50	0.87	3.21	5.40	9 (4)	.381 (9.7)
AHL20BN	2/0	.398-.424	245 296 BG 5/8 TWTY 58 9A	1.50	0.93	3.25	5.50	16 (7)	.429 (10.9)
AHL30BN	3/0	.448-.470	166 467 3/4 TV 60 66 10A	1.50	1.06	3.25	5.50	19 (9)	.480 (12.2)
AHL40BN	4/0	.503-.530	298 660 840 TV 66 10A	1.75	1.18	3.37	6.00	24 (11)	.538 (13.7)
AHL250BN	250	.550-.576	249 324 658 840 TX 74 11A	1.75	1.25	3.37	6.00	25 (11)	.585 (14.9)
AHL300BN	300	.607-.636	251 470 1.00 TX 76 12A	2.25	1.37	3.56	6.81	39 (18)	.640 (16.3)
AHL350BN	350	.654-.684	299 654 705 1-1/8 TH, 87, 96, 13A	2.25	1.50	3.56	7.00	51 (23)	.692 (17.6)
AHL400BN	400	.720-.740	472 490 717 1-1/8 94, 96, 106, 14A	2.50	1.62	3.56	7.31	56 (25)	.745 (18.9)
AHL500BN	500	.784-.814	300 317 719 1-5/16 106,115,15A	3.00	1.70	3.56	7.87	70 (32)	.823 (20.9)
AHL600BN	600	.856-.893	318 473 720 1-5/16 112, 115, 125	3.00	1.70	3.62	8.00	86 (39)	.908 (23.1)
AHL700BN	700-750	.964-1.000	U 608 722 936 1-5/16 125	3.37	1.70	3.62	8.37	119 (54)	1.000 (25.4)
AHL750BN	700-750	.964-1.000	301 723 1-1/2 125 140	3.37	1.70	3.62	8.56	122 (55)	1.014 (25.8)
AHL800BN	795-800	1.000-1.032	474 667 724 1-5/8 140 150	3.37	2.25	3.62	8.62	220 (100)	1.047 (26.6)

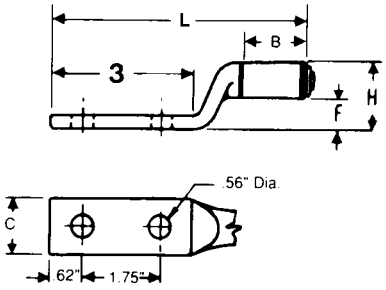
NOTE: Anderson's VC63 Versa-Crimp tool will install sizes thru 500 MCM AHL-500-BN. The VC6FT Versa-Crimp installs thru 750 MCM AHL-750 BN (Aluminum). Versa-Crimp VC8 (c/u) Remote Head Hydraulic Tools cover 3/0 thru 1000 MCM AL / 1500 MCM CU.

ALUMINUM LONG BARREL TERMINAL LUGS FOR MOUNTING ON TOP OF TYPE AHL LUGS TYPE ATL STEPPED LUG

ALUMINUM
ATL

- Offset heights and mounting pad dimensions allow ATL-lugs to be stacked on top of AHL-lugs so that two conductors can be connected to each NEMA two hole position on a terminal spade or bus bar (see illustration below).
- Rated for aluminum conductors at Code ampacities
- The same crimping dies install this series as used on the AHL type. Connectors are prefilled with rubber compatible electrical joint compound and plugged.
- For copper conductor, see type CSL.

Material: Aluminum
Note: Add suffix "TP" to specify tin plating.



DF 6

Product Data & Conductor Size

CATALOG NUMBER	CONDUCTOR RANGE: CONCENTRIC & COMPRESSED STRAND RATING	CONDUCTOR RANGE: DIAMETER RANGE -INCHES-	(1) COMMON CRIMPING DIES	DIMENSIONS INCHES (MM): B	C	F	H	L	APPROX. WT./100 LBS. (KG)	I.D. INCHES (MM)
ATL10BN	1/0	.358-.373	241 296 9/16 TU 52 7A, 8A	1.50	0.87	0.87	1.50	5.40	11 (5)	.381 (9.7)
ATL20BN	2/0	.398-.424	245 296 BG 5/8 TWTY 58 9A	1.50	0.93	0.93	1.62	5.50	20 (9)	.429 (10.9)
ATL30BN	3/0	.448-.470	166 467 3/4 TV 60 66 10A	1.50	1.06	1.00	1.75	5.50	23 (10)	.480 (12.2)
ATL40BN	4/0	.503-.530	298 660 840 TV 66 10A	1.75	1.18	1.00	1.87	6.00	29 (13)	.538 (13.7)
ATL250BN	250	.550-.576	249 324 658 840 TX 74 11A	1.75	1.25	1.06	2.00	6.00	30 (14)	.585 (14.9)
ATL300BN	300	.607-.636	251 470 1.00 TX 76 12A	2.25	1.37	1.00	2.00	6.81	47 (21)	.640 (16.3)
ATL350BN	350	.654-.684	299 654 705 1-1/8 TH, 87, 96, 13A	2.25	1.50	1.25	2.37	7.00	61 (28)	.692 (17.6)
ATL400BN	400	.720-.740	472 490 717 1-1/8 94, 96, 106, 14A	2.50	1.62	1.31	2.50	7.31	67 (30)	.745 (18.9)
ATL500BN	500	.784-.814	300 317 719 1- 5/16 106, 115, 15A	3.00	1.70	1.31	2.62	7.75	84 (38)	.823 (20.9)
ATL600BN	600	.856-.893	318 473 720 1-5/16 112, 115, 125	3.00	1.70	1.31	2.75	7.78	103 (47)	.908 (23.1)
ATL700BN	700-750	.964-1.000	U 608 722 936 1-5/16 125	3.37	1.70	1.31	2.81	8.37	143 (65)	1.000 (25.4)
ATL750BN	700-750	.964-1.000	301 723 1-1/2 125 140	3.37	1.70	1.37	3.00	8.56	147 (67)	1.014 (25.8)
ATL800BN	795-800	1.000-1.048	474 667 724 1-5/8 140 150	3.37	2.25	1.43	3.12	8.62	264 (120)	1.047 (26.6)

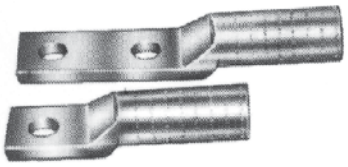
NOTE: Anderson's VC63 Versa-Crimp tool will install sizes thru 500 MCM AHL-500-BN. VC6FT Versa-Crimp tool will install through AHL-750. A VC8 Versa-Crimp tool will accommodate sizes from 3/0 stranded through 1000 MCM AL / 1500 MCM CU.

VERSAtile ™ ALUMINUM COMPRESSION TERMINAL TYPE VAUL

ALUMINUM
VAUL

- For use with either VERSA-CRIMP® or conventional compression tools.
- Meets ANSI C 119.4 Class A performance on aluminum and ACSR conductor, minimum tension.
- Meets ANSI C 119.4 Class C performance on copper conductor, minimum tension.
- Connector barrels are prefilled with "Versa-Seal™" rubber compatible inhibitor and sealed with color coded (thru 4/0) end caps.
- Metal marked to indicate recommended conductors and crimp dies.

Material: Aluminum
Add Suffix "TP" for tin plated lugs.



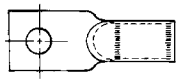


FIGURE 1

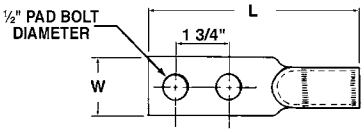


FIGURE 2

Product Data & Conductor Size

CATALOG NUMBER	FIG. NO.	CONDUCTOR RANGE AWF OR MCM						CRIMP DIES/ VC-TOOL	COLOR CODE	DIMENSIONS INCHES (MM)				APPROX. WT. EACH LBS. (KG.)	I.D. INCHES (MM)
		VERSA-CRIMP® SYSTEM		CONVENTIONAL TOOLING RANGE											
		INCHES DIA. RANGE	CABLE RANGE	INCHES DIA. RANGE	ACSR	STRANDED (SOLID)	COMPACT			L	W	D	T		
VAUL812	1	.146 thru .162	#8 STR AL-CU (#6 SOL)	.146 thru .162	—	#8 AL-CU (#6 SOL)	—	VC6350 VC6 VC6FT EEI8A BURNDY BG. 243 KEARNEY 5/8 T&B TU.52 BLACK-BURN 5/8	GREEN	3.06 (77.7)	.90 (22.8)	1.25 (31.7)	.27 (6.8)	.087 (0.04)	.186 (4.8)
VAUL612	1	.146 thru .204	#8 STR #4 SOL AL-CU #6 ACSR	.184 thru .204	#6 (6/1)	#6 AL-CU (#4 SOL)	—		BLUE	3.06 (77.7)	.90 (22.8)	1.25 (31.7)	.27 (6.8)	.076 (0.04)	.233 (5.9)
VAUL412	1	.146 thru .268	#8 STR - #2 SOL AL-CU #6-#4 ACSR #6-#2 COMP	.232 thru .268	#4 (6/1), (7/1)	#4 AL-CU (#2 SOL)	#2		ORANGE	3.06 (77.7)	.90 (22.8)	1.25 (31.7)	.27 (6.8)	.074 (0.03)	.281 (7.1)
VAUL412BN	2									4.80 (121.9)	1.00 (25.4)		.31 (7.8)	.129 (0.06)	.281 (7.1)
VAUL112	1	.146 thru .332	#8 STR. #1 STR AL-CU #6-#2 ACSR #6-#1 COMP	.292 thru .332	#2 (6/1), (7/1)	#2-#1 AL-CU	#1		RED	3.06 (77.7)	.90 (22.8)	1.25 (31.7)	.27 (6.8)	.069 (0.03)	.355 (9.0)
VAUL112BN	2									4.80 (121.9)	1.00 (25.4)		.31 (7.8)	.129 (0.06)	.355 (9.0)
VAUL1012	1	.146 thru .398	#8 STR-1/0 STR AL-CU #6-1/0 ACSR #6-2/0 COMP	.336 thru .398	1/0 (6/1)	1/0 AL-CU	1/0-2/0		YELLOW	3.06 (77.7)	.90 (22.8)	1.25 (31.7)	.27 (6.8)	.065 (0.03)	.416 (10.6)
VAUL1012BN	2									4.80 (121.9)	1.00 (25.4)		.31 (7.8)	.120 (0.05)	.416 (10.6)
VAULH612	1	.146 thru .204	#8 STR. #4 SOL AL-CU #6 ACSR	.169 thru .204	#6 (6/1)	#6 AL-CU (#4 SOL)	#6	VC6350 VC6 VC6FT EEI11A BURNDY K840 249 KEARNEY 840 T&B TX, 76 BLACK-BURN 840 B49EA	BLUE	3.25 (82.5)	.96 (24.2)	1.43 (36.3)	.25 (6.4)	.135 (0.06)	.218 (5.5)
VAULH412	1	.146 thru .258	#8 STR-#2 SOL AL-CU #6-#4 ACSR #6-#4 COMP	.213 thru .258	#4 (6/1), (7/1)	#4 AL-CU (#2 SOL)	#4		ORANGE	3.25 (82.5)	.96 (24.2)	1.43 (36.3)	.25 (6.4)	.132 (0.06)	.272 (6.9)
VAULH112	1	.146 thru .332	#8 STR-#1 AL-CU #6-#2 ACSR #6-#1 COMP	.268 thru .332	#2 (6/1), (7/1)	#2-#1 AL-CU	#2 - #1		RED	3.25 (82.5)	.96 (24.2)	1.43 (36.3)	.25 (6.4)	.127 (0.06)	.340 (8.6)
VAULH112BN	2									5.75 (146.0)	1.25 (31.7)	1.87 (47.5)	.25 (6.4)	.224 (0.10)	.340 (8.6)
VAULH1012	1	.213 thru .398	#4 STR-1/0 AL-CU #4-1/0 ACSR #4-2/0 COMP	.336 thru .398	1/0 (6/1)	1/0 AL-CU	1/0-2/0		YELLOW	3.25 (82.5)	.96 (24.2)	1.43 (36.3)	.25 (6.4)	.121 (0.05)	.412 (10.5)
VAULH1012BN	2									5.75 (146.0)	1.25 (31.7)	1.87 (47.5)	.25 (6.4)	.217 (0.10)	.412 (10.5)
VAUL2012	1	.213 thru .447	#4 STR-2/0 AL-CU #4-2/0 ACSR #4-3/0 COMP	.414 thru .447	2/0(6/1)	2/0 AL-CU	3/0		GRAY	3.25 (82.5)	.96 (24.4)	1.43 (36.3)	.25 (6.4)	.116 (0.05)	.472
VAUL2012BN	2									5.75 (146.0)	1.25 (31.7)	1.87 (47.5)	.25 (6.4)	.209 (0.09)	.472

Continued on next page.

TYPE VAUL ALUMINUM COMPRESSION TERMINAL (continued)

Product Data & Conductor Size

CATALOG NUMBER	FIG. NO.	CONDUCTOR RANGE AWF OR MCM						CRIMP DIES/ VC-TOOL	COLOR CODE	DIMENSIONS INCHES (MM)				APPROX. WT. EACH LBS. (KG.)	I.D. INCHES (MM)
		VERSA-CRIMP® SYSTEM		CONVENTIONAL TOOLING RANGE											
		INCHES DIA. RANGE	CABLE RANGE	INCHES DIA. RANGE	ACSR	STRANDED (SOLID)	COMPACT			L	W	D	T		
VAUL3012	1	.213 thru .502	#4 STR-3/0 AL-CU #4-3/0 ACSR #4-4/0 COMP	.464 thru .502	3/0 (6/1)	3/0 AL-CU	4/0	VC6350 VC6 VC6FT EEI11A BURNDY K840 249 KEARNEY 840 T&B TX, 76 BLACKBURN 840 B49EA	BLACK	3.25 (82.5)	.96 (24.4)	1.43 (36.3)	.25 (6.4)	.109 (0.05)	.534
VAUL3012BN	2									5.75 (146.0)	1.25 (31.7)	1.87 (47.5)	.25 (6.4)	.200 (0.09)	.534
VAUL4012	1	.213 thru .575	#4 STR-250 AL-CU #5-4/0 ACSR #4-300 COMP	.520 thru .575	4/0 (6/1)	4/0-250 AL-CU	250-300		PINK	3.25 (82.5)	.96 (24.4)	1.43 (36.3)	.25 (6.4)	.101 (0.05)	.595
VAUL4012BN	2									5.75 (146.0)	1.25 (31.7)	1.87 (47.5)	.25 (6.4)	.190 (0.09)	.595
VAUL25012	1	.336 thru .575	1/0-250 STR AL-CU 1/0-4/0 ACSR 1/0-300 COMP	.563 thru .575	4/0 (6/1)	250 AL-CU	300	VC6350 VC6 VC6FT EEI12A BURNDY 251 KEARNEY 29/32 T&B TH,87 BLACKBURN B61EA	—	4.59 (116.6)	1.25 (31.7)	2.44 (62.0)	.37 (9.4)	.260 (0.12)	.605
VAUL25012BN	2									6.34 (161.0)	1.25 (31.7)	2.44 (62.0)	.37 (9.4)	.339 (0.15)	.605
VAUL30012	1	.376 thru .630	2/0-300 STR AL-CU 2/0-266.8 (18/1) ACSR 2/0-350 COMP	.609 thru .630	266.8 (18/1)	300 AL-CU	350		—	4.59 (116.6)	1.25 (31.7)	2.44 (62.0)	.37 (9.4)	.247 (0.11)	.660
VAUL30012BN	2									6.34 (161.0)	1.25 (31.7)	2.44 (62.0)	.37 (9.4)	.326 (0.15)	.660
VAUL35012	1	.376 thru .684	2/0-350 STR AL-CU 2/0-336.4 (18/1) ACSR 2/0-400 COMP	.659 thru .684	336.4 (18/1)	336-350 AL-CU	400		—	4.59 (116.6)	1.25 (31.7)	2.44 (62.0)	.37 (9.4)	.234 (0.11)	.711
VAUL35012BN	2									6.34 (161.0)	1.25 (31.7)	2.44 (62.0)	.37 (9.4)	.312 (0.14)	.711
VAUL36012	1	.475 thru .684	4/0-350 STR AL-CU 4/0-336.4 (18/1) ACSR 4/0-400 COMP	.609 thru .684	266.8 (18/1), (26/7) 336.4 (18/1)	300-350 AL-CU	350-400	VC6 VC6FT EEI13A BURNDY 316, 472 655, 705 KEARNEY 1-1/8 T&B 96 BLACKBURN B80EA	—	4.444 (112.8)	1.25 (31.7)	2.37 (60.2)	.37 (9.4)	.273 (0.12)	.738
VAUL36012BN	2									6.18 (157.0)	1.25 (31.7)	2.37 (60.2)	.37 (9.4)	.344 (0.16)	.738
VAUL40012	1	.475 thru .743	4/0-400 STR AL-CU 4/0-397.5 (18/1) ACSR 4/0-500 COMP	.679 thru .743	336.4 (18/1), (26/7), (30/7) 397.5(18/1)	350-400 AL-CU	450-500		—	4.444 (112.8)	1.25 (31.7)	2.37 (60.2)	.37 (9.4)	.258 (0.12)	.791
VAUL40012BN	2									6.18 (157.0)	1.25 (31.7)	2.37 (60.2)	.37 (9.4)	.329 (0.15)	.791
VAUL50012	1	.520 thru .814	4/0-500 STR AL 4/0-477 (18/1) ACSR 250-600 COMP	.772 thru .814	397.5 (24/7), (26/7) 477 (18/1), (36/1)	450-500 AL	550-600		—	4.444 (112.8)	1.25 (31.7)	2.37 (60.2)	.37 (9.4)	.243 (0.11)	.843
VAUL50012BN	2									6.18 (157.0)	1.50 (38.1)	2.88 (73.1)	.37 (9.4)	.390 (0.18)	.843
VAUL60012BN	2	.609 thru .879	300-600 STR AL 266.8-556.5 (18/1) ACSR 350-700 COMP	.845 thru .893	477 (24/7), (26/7) 556.5 (36/1), (18/1)	550-600 AL	650-700	VC6FT VC8 EEI14A BURNDY 317, 327, 719 KEARNEY 1-5/16 T&B 106 BLACKBURN B20AH	—	6.87 (174.5)	1.37 (34.8)	3.00 (76.2)	.56 (14.2)	.550 (0.25)	.924
VAUL75012BN	2	.806 thru .988	500-750 STR AL 477-715.5 (36/1) ACSR 600-800 COMP	.908 thru .998	556.5 (30/7) 636 (18/1) 605 (24/7), (26/7) 715.5 (36/1)	700-750 AL	750-800		—	6.87 (174.5)	1.37 (34.8)	3.00 (76.2)	.56 (14.2)	.503 (0.23)	1.028
VAULH50012BN	2	.520 thru .814	4/0-500 STR AL-CU 4/0-477 (18/1) ACSR 250-600 COMP	.743 thru .814	397.5 (18/1), (24/7), (27/7), (30/7) 477 (36/1), (18/1)	450-500 AL-CU	550-600	VC8 BURNDY 301, 724, 786 KEARNEY 1-1/2 T&B 140 ALCOA 24AH	—	7.25 (184.2)	1.60 (40.6)	3.19 (81.0)	.63 (16.0)	.898 (0.41)	.843
VAULH70012BN	2	.659 thru .966	350-700 STR AL 336.4-666.6 (18/1) ACSR 400-800 COMP	.891 thru .966	556.5 (24/7), (26/7) 605 (24/7), (26/7), (36/1) 636 (18/1), (36/1)	600-700 AL	750-800		—	7.25 (184.2)	1.60 (40.6)	3.19 (81.0)	.63 (16.0)	.827 (0.38)	1.000
VAUL80012BN	2	.806 thru 1.031	500-800 STR AL 477-715.5 (36/1) ACSR 600-900 COMP	.964 thru 1.031	636 (24/7), (26/7) 666.6 (24/7) 715.5 (36/1)	700-800 AL	900		—	7.25 (184.2)	1.60 (40.6)	3.19 (81.0)	.63 (16.0)	.796 (0.36)	1.062
VAUL100012BN	2	.908 thru 1.152	650-1000 STR AL 836-954 (36/1) ACSR 750-1000 COMP	1.092 thru 1.152	795 (24/7), (26/7) 900 (45/7) 954 (36/1)	900-1000 AL	—		—	7.25 (184.2)	1.60 (40.6)	3.19 (81.0)	.63 (16.0)	.726 (0.33)	1.188

VERSA-CRIMP® ALUMINUM COMPRESSION TERMINAL TYPE VCTL – EXTRA LONG BARREL HD: PARTIAL TENSION

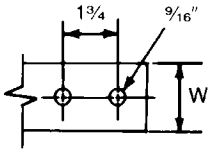
ALUMINUM
VCTL

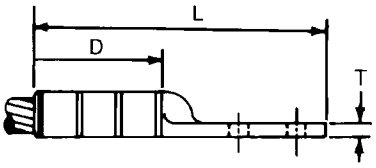
- For use with VERSA-CRIMP® tools only.
- Recommended for partial tension applications when using AAC or ACSR conductor and for minumum tension applications using copper or aluminum alloyed conductor types 5005 or 6201 (AAAC).
- Aluminum alloy conductor recommendations include 5005 and ACAR conductor shown below. Compressed conductor sizes within the listed ranges are also recommended.
- All VCTLB lugs have 3-9/16" contact surfaces on top and bottom of the terminal pad to provide for standard use or for inverted stacking applications. VCTLB2 tongue lugs have a 31/8" contact surface on one surface for standard terminal lug use, only.

Material: Aluminum Alloy
Factory inhibited

Fig. 1

LISTED 261L





DF 9

Product Data & Conductor Size

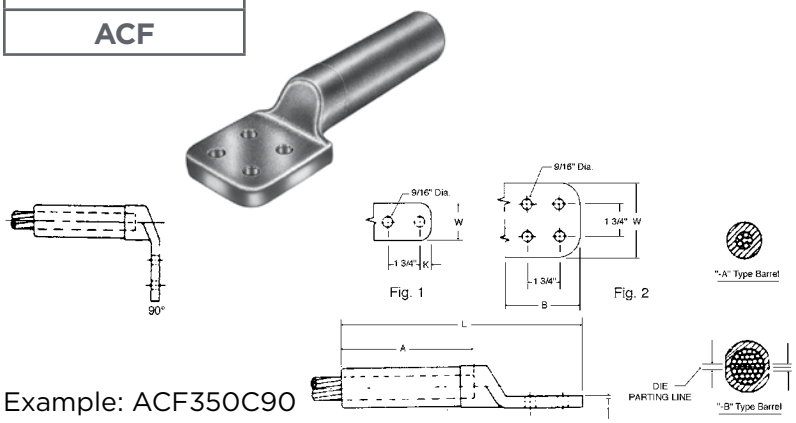
CATALOG NUMBER	FIG. NO.	NO. PAD HOLES	CONDUCTOR RANGE			TOOL TYPE	DIMENSIONS INCHES (MM)				APPROX. WT. EACH LBS. (KG.)
			AAC	ACSR	COPPER		L	D	W	T	
VCTL44B	1	2	#4 (7)-1/0 (19)	#4 (6/1)-1/0 (6/1)	#4 (7)-1/0 (19)	VC6 (ALL) ΔΔ	6-11/16 (169.8)	2-1/2 (63.5)	1-1/16 (27.0)	7/32 (5.5)	.47 (.21)
VCTL58B	1	2	1/0 (7)-4/0 (19)	1/0 (6/1)-4/0 (6/1)	1/0 (7)-4/0 (19)		7-7/16 (188.9)	3-1/4 (82.6)	1-13/32 (35.7)	23/64 (9.1)	.50 (.23)
VCTL73B	1	2	4/0 (7)-336.4 (37)	4/0 (6/1)-336.4 (18/1)	4/0 (7)-300 (37)		7-7/16 (188.9)	3-1/4 (82.6)	1-1/2 (38.1)	13/32 (10.3)	.68 (.31)
VCTL85B	1	2	4/0 (7)-500 (61)	336.4 (36/1)-477 (18/1)	4/0 (7)-500 (61)		7-5/8 (193.6)	3-1/4 (82.6)	1-11/16 (42.8)	19/64 (7.5)	.50 (.23)

ΔΔ For use with all VERSA-CRIMP® Type VC6 tools, except VC6L.

TERMINALS LONG BARREL COMPRESSION CABLE TO FLAT

ALUMINUM

ACF



Example: ACF350C90

- Pure aluminum cast compression terminal for connecting aluminum cable to flat pad. Connector barrel is filled with rubber compatible sealant and enclosed in clear plastic bags. Contact sealant is recommended on the pads. Pad holes have NEMA spacing.
- For use with conventional compression tooling

Material: Cast aluminum

Product Data & Conductor Size

CATALOG NUMBER	CONDUCTOR RANGE* CONVENTIONAL COMPRESSION INCHES (MM)	AAC	ACSR	RECOMMENDED CRIMPING DIES	FIG. NO. TYPE BARREL	DIMENSIONS INCHES (MM) L	A	B	K	T	W	APPROX. WT. EACH LBS. (KG)
ACF20B	.414-.448 (10.52-11.38)	2/0	2/0 (6/1)	EEI-11A; KEARNEY 840 OR 845; BURNDY W-K840 OR V-K840 INDEX 249; T&B TX OR 76; ALCOA 11AH	1-A	5-7/8 (149.22)	2-1/4 (57.15)	3 (76.3)	5/8 (15.88)	7/16 (11.11)	1-1/2 (38.1)	.34 (.15)
ACF20C					2-A						3 (76.2)	.34 (.15)
ACF30B	.462-.502 (11.73-12.75)	3/0	3/0 (6/1)		1-A	5-7/8 (149.22)	2-1/4 (57.15)	3 (76.3)	5/8 (15.88)	7/16 (11.11)	1-1/2 (38.1)	.33 (.15)
ACF30C					2-A						3 (76.2)	.33 (.15)
ACF40B	.522-.575 (13.26-14.60)	4/0 - 266.8	4/0 (6/1)		1-A	5-7/8 (149.22)	2-1/4 (57.15)	3 (76.3)	5/8 (15.88)	7/16 (11.11)	1-1/2 (38.1)	.33 (.15)
ACF40C					2-A						3 (76.2)	.33 (.15)
ACF300B	.563-.630 (14.30-16.00)	266.8 - 300	4/0 (6/1) 266.8 (18/1)	EEI-13A; KEARNEY 1-1/8-OR 1-1/8-2 BURNDY INDEX 316, 655, OR 705; T&B 96 ALCOA 13AH OR 76 AH	1-A	6-11/16 (169.86)	2-3/4 (69.85)	3 (76.3)	5/8 (15.88)	7/16 (11.11)	1-11/16 (42.85)	.58 (.26)
ACF300C					2-A						3 (76.2)	.76 (.34)
ACF350B	.618-.684 (15.70-17.37)	300 - 350	266.8 (26/7) 336.4 (18/1)		1-A	6-11/16 (169.86)	2-3/4 (69.85)	3 (76.3)	5/8 (15.88)	7/16 (11.11)	1-11/16 (42.85)	.57 (.26)
ACF350C					2-A						3 (76.2)	.75 (.34)
ACF400B	.666-.741 (16.92-18.82)	336.4 - 400	336.4 (18.1) (26/7) 397.5 (18/1)		1-A	6-11/16 (169.86)	2-3/4 (69.85)	3 (76.3)	5/8 (15.88)	7/16 (11.11)	1-11/16 (42.85)	.56 (.25)
ACF400C					2-A						3 (76.2)	.74 (.34)
ACF475B	.743-.814 (18.87-20.68)	450 - 500	397.5 (18/1) (26/7) 477 (18/1)	EEI15A; KEARNEY 1-5/16; BURNDY INDEX 318, 720; T&B 115; ALCOA 24AH	1-A	8-1/4 (209.55)	4-1/2 (114.3)	3 (76.3)	5/8 (15.88)	9/16 (14.29)	1-11/16 (42.85)	.89 (.40)
ACF475C					2-A						3 (76.2)	1.13 (.51)
ACF575B	.811-.879 (20.60-22.33)	500 - 556.5	477 (18/1) (26/7) 556.5 (18/1)		1-A	8-1/4 (209.55)	4-1/2 (114.3)	3 (76.3)	5/8 (15.88)	9/16 (14.29)	1-11/16 (42.85)	.87 (.39)
ACF575C					2-A						3 (76.2)	1.11 (.50)
ACF675B	.879-.966 (22.33-24.54)	600 - 700	477 (30/7) 556.5 (26/7) (30/7) 636 (18/1) (36/1)		1-A	8-1/4 (209.55)	4-1/2 (114.3)	3 (76.3)	5/8 (15.88)	9/16 (14.29)	1-11/16 (42.85)	.85 (.39)
ACF675C					2-A						3 (76.2)	1.09 (.49)
ACF795B	.964-1.031 (24.48-26.19)	700 - 800	636 (24/7) (26/7) 666 (24/7) (26/7) 715.5 (36/1)	KEARNEY 1-1/2; BURNDY INDEX 301, 342, 608, 722, OR 786; T&B 125; ALCOA 24AH	1-A	8-11/16 (220.66)	4-9/16 (115.87)	3 (76.3)	5/8 (15.88)	1/2 (12.7)	1-11/16 (42.85)	1.06 (.48)
ACF795C					2-A						3 (76.2)	1.30 (.59)

**ACAR, AAAC & 5005, alloy conductors, within the dia. of inches range, are approved for these lugs.*

TERMINALS LONG BARREL COMPRESSION CABLE TO FLAT

ALUMINUM

ACF

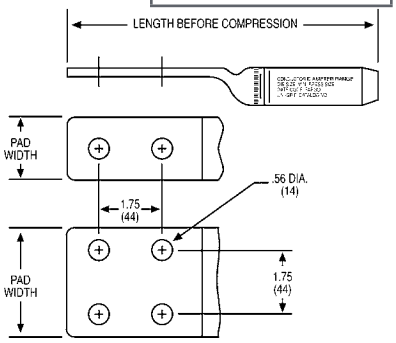
Jumper terminals are prefilled with inhibitor. Pad holes have NEMA spacing.

Material: **Terminal**-Seamless Extruded Aluminum Tube
For use with conventional hex die tooling (3)
Available with 15, 45 or 90 degree angled pad.

Example: ACF1196N445 for 45 deg. pad angle.

IDENTIFICATION:

CONDUCTOR DIAMETER RANGE
DIE SIZE, MIN PRESS SIZE
DATE CODE, HPS
CATALOG NO.



Product Data & Conductor Size

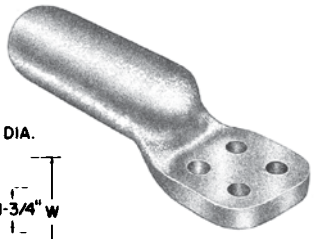
CATALOG NUMBER	AAC KCMIL	ACSR KCMIL (STR)	O.D. (IN.) STD COND. (COMPACT / TW)	COMPR. DIES	MIN. PRESS (TONS)	PAD DETAILS		LENGTH BEFORE COMPR. (IN)	NET WEIGHT LBS. (KG)
						BOLT HOLES	WIDTH (IN)		
ACF630N2	266.8, 300	266.8 (18/1) (26/7)	0.574 - 0.642 (0.537 - 0.570)	76AH L792	12	2	1.6	9.1	0.7 (.32)
ACF684N2	336.4, 350	300 (26/7), 336.4 (18/1)	0.642 - 0.684 (0.610 - 0.620)	20AH L719	12	2	1.7	9.3	0.8 (.36)
ACF752N2	397.5, 400	336.4 (26/7) (30/7) 397.5 (18/1) (20/7)	0.701 - 0.752 (0.660 - 0.693)	20AH L719	12	2	1.7	9.3	0.8 (.36)
ACF814N2	450 - 500	397.5 (24/7) (26/7) (30/7) 477 (18/1)	0.752 - 0.814 (0.698 - 0.740)	20AH L719	12	2	1.8	10.9	0.8 (.36)
ACF858N2	556.5	477 (24/7) (26/7)	0.814 - 0.858 (0.745 - 0.789)	24AH L722	60	2	2.0	11	1.1 (.50)
ACF929N2	600 - 650	477 (30/7) 556 (24/7) (26/7)	0.883 - 0.929 (0.825 - 0.852)	24AH L722	60	2	2.0	11	1.0 (.45)
ACF1026N4	700 - 795	556.5 (26/7) (30/7) 636 (24/7) (26/7) (30/7) 666 (24/7) (26/7)	0.927 - 1.026 (0.835 - 0.927)	27AH	60	4	3.2	11.3	1.5 (.68)
		636 (24/7) (26/7) (30/7) 666 (24/7) (26/7)	0.963 - 1.026 (0.860 - 0.927)	L725					
ACF1108N4	800 - 900	636 (30/19) 715.5 (24/7) (26/7) (30/19) 795 (45/7) (54/7) (26/7)	1.019 - 1.108 (0.921 - 1.010)	30AH	60	4	3.3	12.6	2.0 (.91)
		715.5 (30/19) 795 (45/7) (54/7) (26/7)	1.077 - 1.108 (0.977 - 1.108)	L727					
ACF1196N4	954 - 1033.5	795 (26/7) (30/19) 954 (36/1) (45/7) (54/7)	1.108 - 1.196 (1.010 - 1.084)	30AH	60	4	3.2	13	2.0 (.91)
	1000 - 1033.5	795 (30/19) 954 (45/7) (54/7)	1.140 - 1.196 (1.040 - 1.084)	L727					
ACF1263N4	1113 - 1200	954 (30/19) 1033.5 (45/7) (54/7) 1113 (45/7)	1.203 - 1.263 (1.092 - 1.165)	34AH L767	60	4	3.4	13.8	2.8 (1.27)
ACF1340N4	1250 - 1351.5	1113 (54/19) 1192.5 (45/7) (54/19)	1.289 - 1.340 (1.165 - 1.225)	34AH L767	60	4	3.4	14	2.7 (1.23)
ACF1386N4	1431	1192.5 (54/19) 1272 (45/7) (54/19) 1351.5 (45/7)	1.338 - 1.386 (1.225 - 1.259)	36AH L728	60	4	3.5	14.1	3.1 (1.41)
ACF1504N4	1500 - 1590	1351.5 (54/19) 1431 (45/7) (54/19) 1510.5 (45/7), 1590 (45/7)	1.412 - 1.504 (1.320 - 1.358)	38AH	60	4	3.5	14.5	3.5 (1.59)
ACF1545N4	1750	1510.5 (54/19) 1590 (45/7) (54/19)	1.504 - 1.545 (1.358 - 1.424)	40AH L735	60	4	3.6	15.4	4.2 (1.91)
ACF1700N4	2000	1780 (84/19), 1869 (68/7) 2034.5 (72/7), 2057 (76/19)	1.602 - 1.700 (1.445 - 1.545)	42AH	100	4	4.0	15.8	4.5 (2.04)
ACF1762N4	2250 - 2300	2167 (72/7), 2156 (84/19)	1.729 - 1.762 (1.545 - 1.608)	44AH	100	4	4.0	16.4	5.2 (2.36)
ACF1824N4	2500	2156 (84/19), 2312 (76/19)	1.762 - 1.824 (1.608 - 1.650)	44AH	100	4	4.0	17.3	5.2 (2.36)

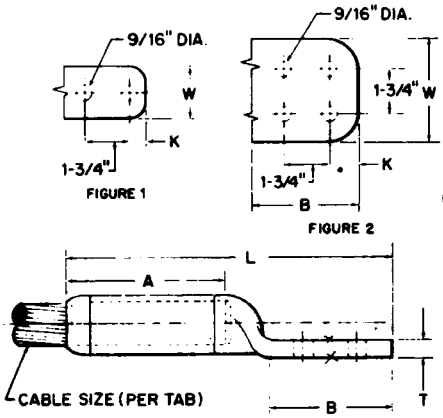
Notes:
1. *These terminals are also recommended for AAAC and ACAR conductors within the diameter ranges listed.*
2. *Terminals are pre-filled with Anderson/Fargo standard joint compound.*
   Consult factory for terminals pre-filled with high performance, conductive-grit compound type HTJC.
3. *Terminal ACF1196N4 and smaller may be compressed with Anderson Versa-Crip tools. Consult factory for tool size and crimping procedure.*
4. *Terminals are EHV rated where conductor is 1 in. O.D. or larger.*
5. *The ACF terminals on this page replace cast terminals in the CCL series.*

SHORT BARREL ALUMINUM COMPRESSION TERMINAL CABLE TO FLAT TYPE CCLS – SUBSTATION

ALUMINUM

CCLS





For use with VERSA-CRIMP® tooling through CCLS1300 and conventional compression tooling. Refer to Chart C-13282 on page DF-14 for tool and die information.

Aluminum cast, compression terminal for connecting aluminum cable to flat pad. Connector barrel is filled with rubber compatible sealant and enclosed in clear plastic bag. Contact sealant is recommended on the pads. Pad holes have NEMA spacing. Pads have contact surface on both sides. Short barrel requires less space and allows faster installation.

Material: Cast aluminum

Example: CCLS563B90

Product Data & Conductor Size

CATALOG NUMBER	FIG. NO.	CONDUCTOR RANGE			DIE REF.	DIMENSIONS INCHES (MM)						APPROX. WT. EACH LBS. (KG)
		AAC	ACSR	DIA.		L	A	B	K	T	W	
CCLS325B	1	#2 (7)	#2 (6/1), (7/1)	.292-.325 (7.42-8.26)	.640	5-7/8 (149.22)	2-1/4 (57.15)	3-1/8 (79.38)	3/8 (9.52)	5/16 (7.94)	1-1/2 (38.1)	.2 (.09)
CCLS398B	1	1/0 (7), (19)	#1 (6/1)-1/0 (6/1)	.355-.398 (9.02-10.11)	.840	6-1/2 (165.1)	2-3/4 (69,85)	3-1/8 (79.38)	3/8 (9.52)	3/8 (9.52)	1-1/2 (38.1)	.4 (.2)
CCLS398C	2					6-1/2 (165.1)	2-3/4 (69,85)	3-1/8 (79.38)	3/8 (9.52)	3/8 (9.52)	3 (76.2)	.5 (.23)
CCLS447B	1	2/0 (7), (19)	2/0 (6/1)	.414-.447 (10.52-11.35)	.840	6-1/2 (165.1)	2-3/4 (69,85)	3-1/8 (79.38)	3/8 (9.52)	3/8 (9.52)	1-1/2 (38.1)	.4 (.2)
CCLS447C	2					6-1/2 (165.1)	2-3/4 (69,85)	3-1/8 (79.38)	3/8 (9.52)	3/8 (9.52)	3 (76.2)	.5 (.23)
CCLS502B	1	3/0 (7), (19)	110.8 (12/7)-3/0 (6/1)	.464-.502 (11.78-12.75)	.840	6-1/2 (165.1)	2-3/4 (69,85)	3-1/8 (79.38)	3/8 (9.52)	3/8 (9.52)	1-1/2 (38.1)	.4 (.2)
CCLS502C	2					6-1/2 (165.1)	2-3/4 (69,85)	3-1/8 (79.38)	3/8 (9.52)	3/8 (9.52)	3 (76.2)	.5 (.23)
CCLS563B	1	4/0 (7), (19)	3/0 (6/1)-4/0 (6/1)	.502-.563 (12.75-14.30)	1.000	6-3/4 (171.45)	3 (76.2)	3-1/8 (79.38)	3/8 (9.52)	1/2 (12.7)	1-1/2 (38.1)	.4 (.2)
CCLS563C	2					6-3/4 (171.45)	3 (76.2)	3-1/8 (79.38)	3/8 (9.52)	3/8 (9.52)	3 (76.2)	.6 (.27)
CCLS642B	1	266.8 (7)-300 (61)	176.9 (12/7)-266.8 (26/7)	.586-.642 (14.88-16.31)	1.000	6-3/4 (171.45)	3 (76.2)	3-1/8 (79.38)	3/8 (9.52)	1/2 (12.7)	1-1/2 (38.1)	.4 (.2)
CCLS642C	2					6-3/4 (171.45)	3 (76.2)	3-1/8 (79.38)	3/8 (9.52)	3/8 (9.52)	3 (76.2)	.6 (.27)
CCLS684B2	1	336.4 (19)-350 (37)	336.4 (36/1)-336.4 (18/1)	.666-.684 (16.92-17.37)	1.125	7 (177.8)	3-1/4 (82.55)	3-1/8 (79.38)	5/8 (15.88)	1/2 (12.7)	2 (50.8)	.5 (.23)
CCLS684C	2					7 (177.8)	3-1/4 (82.55)	3-1/8 (79.38)	5/8 (15.88)	1/2 (12.7)	3 (76.2)	.7 (.32)
CCLS743B2	1	397.5 (19)-400 (37)	336.4 (26/7)-397.5 (18/1)	.721-.743 (18.31-18.87)	1.125	7 (177.8)	3-1/4 (82.55)	3-1/8 (79.38)	5/8 (15.88)	1/2 (12.7)	2 (50.8)	.5 (.23)
CCLS743C	2					7 (177.8)	3-1/4 (82.55)	3-1/8 (79.38)	5/8 (15.88)	1/2 (12.7)	3 (76.2)	.8 (.36)

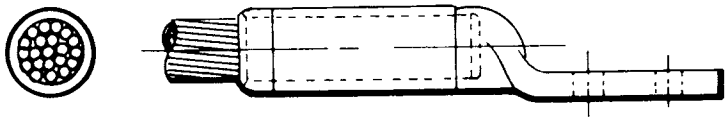
Continued on next page.

Type CCLS Aluminum Compression Connector—Continued

Product Data & Conductor Size

CATALOG NUMBER	FIG. NO.	CONDUCTOR RANGE			DIE REF.	DIMENSIONS INCHES (MM)						APPROX. WT. EACH LBS. (KG)
		AAC	ACSR	DIA.		L	A	B	K	T	W	
CCLS814B2	1	450 (37)-500 (37)	397.5 (24/7)-477 (18/1)	.772-.814 (19.61-20.68)	1.250	7-3/8 (187.32)	3-1/2 (88.9)	3-1/8 (79.38)	5/8 (15.88)	1/2 (12.7)	2 (50.8)	.7 (.32)
CCLS814C	2					7-3/8 (187.32)	3-1/2 (88.9)	3-1/8 (79.38)	5/8 (15.88)	1/2 (12.7)	2 (50.8)	.7 (.32)
CCLS883B2	1	550 (61)-556.5 (37)	477 (24/7)-477 (30/7)	.846-.883 (21.49-22.43)	1.468	7-3/4 (196.85)	3-7/8 (98.42)	3-1/8 (79.38)	3/8 (9.52)	1/2 (12.7)	2 (50.8)	.8 (.36)
CCLS883C	2					7-3/4 (196.85)	3-7/8 (98.42)	3-1/8 (79.38)	3/8 (9.52)	1/2 (12.7)	3 (76.2)	.9 (.41)
CCLS953B2	1	600 (37)-650 (91)	556.5 (18/1)-666.6 (36/1)	.879-.953 (22.33-24.21)	1.468	7-3/4 (196.85)	3-7/8 (98.42)	3-1/8 (79.38)	3/8 (9.52)	1/2 (12.7)	2 (50.8)	.8 (.36)
CCLS953C	2					7-3/4 (196.85)	3-7/8 (98.42)	3-1/8 (79.38)	3/8 (9.52)	1/2 (12.7)	3 (76.2)	.9 (.41)
CCLS1031B2	1	700 (61)-800 (61)	666.6 (36/1)-636 (30/19)	.953-1.031 (24.21-26.19)	1.468	7-3/4 (196.85)	3-7/8 (98.42)	3-1/8 (79.38)	3/8 (9.52)	1/2 (12.7)	2 (50.8)	.8 (.36)
CCLS1031C	2					7-3/4 (196.85)	3-7/8 (98.42)	3-1/8 (79.38)	3/8 (9.52)	1/2 (12.7)	3 (76.2)	1.0 (.45)

DIE REFERENCE CHART
C-13282



CONVENTIONAL COMPRESSION TOOL AND DIE INFORMATION FOR TYPE CCLS

Product Data & Conductor Size

	BURNDY TOOLS & DIES						ANDERSON			ALCOA TOOLS & DIES		
DIE REF.	INDEX	Y34A	Y35	Y48B	Y486RB	Y60B	VC TOOLS	HC-12 (U-DIE)	EP60S (L-DIE)	12A, 12HA	60A	F1,H,H2,H2H
.640	243	A243	U243	C243		L243	VC6	HT41DM		B73AH		
.840	249	A249	U249	C249		L249	VC6	HT41DW		B74AH		
1.000	251	A251	U251	C251	F251	L251	VC6	HT41DY		B75AH		
1.125	316	A316	U316	C316	F316	L316	VC6	HT41FM		B76AH		
1.250	317		U317	C317	F317	L317	VC8	HT41FN	HT6020AH		6020AH	4420AH
1.468	261*		U261	C261	F261	L261	VC8	HT41EK	HT6024AH		6024AH	4424AH
1.625	301			C39AR	F39AR	L39ART	VC8	HT41EK	HT6027AH		6027AH	4427AH
1.844	302			C44AR	F44AR	L44ART	VC8		HT6030AH		6030AH	4430AH
2.062	479				F48AR	L48ART			HT6034AH		6034AH	4434AH
2.375	478				F46AR	L46ART			HT6038AH		6038AH	4438AH
2.625												4442AH
2.750												4444AH

**Same as 318*

Notes:

1. *It is recommended that a light coat of lubricant (such as Anderson's No. 155 grease) be applied to the crimping face of the dies.*
2. *For Alcoa and Burndy tooling, crimps should start from inside crimp line, work outwards with the crimps overlapped, and the last crimp extending past the end of the connectors.*
3. *For Anderson VC tooling, crimps should start from inside crimp line, work outwards with the crimps spaced 1/8" apart, and the last crimp spaced 1/4" from the end of the barrel.*

Crimping Die Information VCEL

Catalog Number VCEL	ANDERSON™ VERSA-CRIMP® COMPRESSION TOOLS (Crimps per Connection)						CONVENTIONAL COMPRESSION DIE TOOLING (Crimps per Connection)					
		VERSA-CRIMP® Tools (Number of Crimps)							Burndy Longi-tudinal Indent (Crimps)	Kearney (Crimps)	Thomas & Betts (Crimps)	
	V-C Tools Wire Range	†VC6500	VC6350	VC6 ①	VC6 FT	VC8 AL NIBS	Wire Size	② Die Color* Code	Tools Y35 Y39 Y45 Die	Tools "WH" Die	Tools TBM5 TBM8 Die	Hyd. Tools 12, 15 20 & 40 Ton Die
-021	#8-1/0 Str. AL/CU	2	2	1	1		1/0 Str. AL/CU	Tan	U25ART① (1)		Tan (2 O'lap)	45 (1)
-022	#1-2/0 Str. AL/CU	3	3 O'lap	2 O'lap	2 O'lap		2/0 Str. AL/CU	Blue	U30ART (1)	29/32 or 1 † (1)		76H or 83H (2)
-024	2/0-4/0 Str. AL/CU	3	3 O'lap	2 O'lap	2 O'lap		4/0 Str. AL/CU	Blue	U30ART (1)	29/32 or 1 † (1)		76H or 83H (2)
-030	#4-300 MCM AL/CU	3	3 O'lap	2 O'lap	2 O'lap		300 MCM AL/CU	Blue	U30ART (1)	29/32 or 1 † (1)		76H or 83H (2)
-035	250-350 MCM AL	3	O'lap	2 O'lap	2 O'lap		350 MCM AL	Blue	U30ART (1)	29/32 † (1)		76H (2)
-050	2/0 - 500 MCM AL/CU	4	O'lap	2	2		500 MCM AL/CU	Green	U32 ART (2)	1-1/8 - 1 (2 O'lap) or 1-1/8 - 2 †(2)		94H (3)
-060	400-600 MCM AL 500 MCM CU				2	2	600 MCM AL	Pink	UM or U34ART (2)	1-1/4 + † (2)		†106H (3)
-075	500-750 MCM AL 500 MCM CU				2	2	750 MCM AL	Pink	U34ART (2)	1-1/4 + † (2)		† 106H (3)
-100	750-1000 MCM AL					3	1000 MCM AL	None	BURNDY TOOLS/DIES (VCEL - 100 ONLY)			
									Y48B Tool		Y486RB Tool	
									Die	Nest Indentor	Die	Nest Indentor
									C44AR (2)	C46D (1) Y48PR-1	F44AR (2)	F46D (1) Y48PR-1

+ WH-2 Tool ONLY
† Before making first crimp, make certain that the edge of the die block is located to clear the back edge of the "VCEL" tongue.
① Partial crimp. Crimp dies extend beyond the end of the crimp barrel.
② Color code is for Anderson and Burndy dies only. Use the recommended die number (NOT die color) for Kearney & T&B Hyd. Tools/Dies.
** Not UL Listed-pending completion of test.*

VACL/VACS/VACT—Anderson/Burndy

Catalog Number VACL (3) VACS (4) VACT (4)	ANDERSON™ VERSA-CRIMP® COMPRESSION TOOLS (Crimps per Connection)						CONVENTIONAL COMPRESSION DIE TOOLING (Crimps per Connection)												
		VERSA-CRIMP Tools (Number of Crimps)							Burndy (Crimps)							Burndy Indentor Tools (1 Crimp)			
	V-C Tools Wire Range (AWG or MCM)	*VC6 500	VC6 350	VC6 (1)	VC6 FT (1)	VC8 AL NIBS	Wire Size (AWG or MCM)	Die Color Code (2)	Die Index No.	Tool Y34A Die	Tools Y35 Y39 Die	Tool Y34B Die	Tool Y48B Die	Tool Y486RB Die	Tool MY-29 Die	Tool Y34A (Indentor) Nest	Tool Y34B (Indentor) Nest	Tool Y48B (Indentor) Nest	Tool Y486RB (Indentor) Nest
-8	#8 AL/CU	1	1				#8 AL/CU	Blue	374		U8CABT (2)				#8 (1)				
-6	#6 AL/CU	1	1				#6 AL/CU	Gray	346	A6CAB (1)	U6CABT (1)	B6CD (1)			#6 (1)	A4CD (Y34PA)	B4CD (Y34PA)		
-4	#4 AL/CU	2	2				#4 AL/CU	Green	375	A4CAB (1)	U4CABT *(1)	B4CD (1)	C4CAB (1)		#4 (1)	A1CD (Y34PA)	B1CD (Y34PA)		
-2	#6-#2 AL/CU	2	2	2	2		#2 AL/CU	Pink	348	A2CAB (1)	U2CABT (1)	B2CD (1)			#2 (2)	A26D (Y34PA)	B26D (Y34PA)		
-1	#8-#1 AL/CU	2	2	2	2		#1 AL/CU	Tan	296	A25AR (1)	U25ART *(1)	B1CD (1)			#1 (2)	A27D (Y34PR-5)	B27D (Y34PR-5)		
-1/0	#8-1/0 AL/CU	2	2	2	2		1/0 AL/CU	Tan	296	A25AR (1)	U25ART *(1)	B25D (1)			1/0 (2)	A27D (Y34PR-5)	B27D (Y34PR-5)		
-2/0	#4-2/0 AL/CU	2	2	2	2		2/0 AL/CU	Olive	297	A26AR (2)	U26ART (2)	B26D (1)			2/0 (2)	A29D (Y34PR-5)	B29D (Y34PR-5)		
-3/0	#4-3/0 AL/CU	2	2	2	2		3/0 AL/CU	Ruby	467	A27AR (2)	U27ART (2)	B27D (1)			3/0 (2)	A30D (Y34PR-5)	B30D (Y34PR-5)		
-4/0	#2-4/0 AL/CU	3	3	2	2		4/0 AL/CU	White	298	A28AR (2)	U28ART (2)	B28D (1)	C28AR (1)	F28AR (1)	4/0 (2)	A31D (Y34PR-5)	B31D (Y34PR-5)		
-250	1/0-250 AL/CU	3	3	2	2		250 AL/CU	Red	324	A29AR (2)	U29ART (2)	B29D (1)	C29AR (1)	F29AR (1)		A32D (Y34PR-5)	B32D (Y34PR-5)		
-300	1/0-300 AL/CU	3	3	2	2		300 AL/CU	Blue	470	A30AR (2)	U30ART (2)	B30D (2)	C30AR (1)	F30AR (1)		A34D (Y34PR-11)	No Die	C34D (Y48PR-1)	F34D (Y48PR-1)
-350 (1)	2/0-350 AL/CU	4		3	3		350 AL/CU	Brown	299		U31ART (2)	B31D (2)	C31AR (1)	F31AR (1)				C35D (Y48PR-1)	F35D (Y48PR-1)
-400 (1)	3/0-400 AL/CU	5		4 O'lap	4 O'lap		400 AL/CU	Green	472		U32ART (4)	B32D (2)	C32AR (2)	F32AR (2)				C36D (Y48PR-1)	F36D (Y48PR-1)
-500 (1)	4/0-500 AL/CU	7		4 O'lap	4 O'lap		500 AL/CU	Green	472		U32ART (4)	No Die Required (2)	C32AR (2)	F32AR (2)					
-600	350 - 600 AL 350 - 500 CU				4	3	600 AL	Pink	300		U34ART (4)		C34AR (2)	F34AR (2)					
-750	500 - 750 AL 500 CU				4	3	750 AL	Pink	300		U34ART (4)		C34AR (2)	F34AR (2)					
-1000	750-1000 AL					3	1000 AL	Brown	302				C44AR (2)	F44AR (2)				C46D (Y48PR-1)	F46D (Y48PR-1)

+ TBM-8 Tool ONLY
★ Anderson HC-12 Dies, Burndy's Y-35 Dies and Blackburn's JB-12 Dies are interchangeable.
(1) "VACL" Lug sizes -350 to -500 take 1 less crimp (VC6 Tools) than shown.
(2) Color code is for Anderson and Burndy dies only. Use the recommended die number (NOT die color) for Blackburn, Kearney & T&B Hyd. Tools/Dies.
(3) The "VACL" lugs are qualified for UL "HV" applications.
(4) The "VACS" sleeves and "VACT" tee connectors are for AL to AL or AL to CU connections ONLY. (NOT for CU to CU connections).
** Not UL Listed-pending completion of test.*

VACL/VACS/VACT—Anderson/Others

Catalog Number VACL (3) VACS (4) VACT (4)	ANDERSON™ VERSA-CRIMP® COMPRESSION TOOLS (Crimps per Connection)						CONVENTIONAL COMPRESSION DIE TOOLING (Crimps per Connection)										
	V-C Tools Wire Range (AWG or MCM)	VERSA-CRIMP Tools (Number of Crimps)					Wire Size (AWG or MCM)	Die Color Code (2)	Blackburn (Crimps)		Kearney (Crimps)				Thomas & Betts (Crimps)		
									Tool OD-58	Tool JB-12A		Tools (No. of Crimps)			Tools TBM5 TBM8	12 Ton Hyd. Tool	15 Ton Hyd. Tool
		*VC6 500	VC6 350	VC6 (1)	VC6 FT (1)	VC8 AL NIBS			Die	Die	Die	O-52	WH-1 PH-1	WH-2 PH-2	Die	Die	Die
-8	#8 AL/CU	1	1				#8 AL/CU	Blue	BY17C (2)	B73CH (1)	1/4	(2)			Blue (1)	24 (1)	24 (1)
-6	#6 AL/CU	1	1				#6 AL/CU	Gray	BY19C (3)	B74CH (1)	5/16	(3)	(1)	(1)	Gray (2)	29 (2)	29 (2)
-4	#4 AL/CU	2	2				#4 AL/CU	Green	BY21C (3)	U4CABT * (1)	3/8	(3)	(2)	(2)	Green (2)	37 (2)	37 (2)
-2	#6-#2 AL/CU	2	2	2	2		#2 AL/CU	Pink	BY23C (3)	BO6CH (1)	1/2	(3)	(2)	(2)	Pink (2)	45 (2)	45 (2)
-1	#8-#1 AL/CU	2	2	2	2		#1 AL/CU	Tan	BY23C (4)	U25ART * (1)	9/16	(4)	(2)	(2)	Tan (2)	50 (2)	50 (2)
-1/0	#8-1/0 AL/CU	2	2	2	2		1/0 AL/CU	Tan	BY25C (4)	U25ART * (1)	9/16	(4)	(2)	(2)	Tan (2)	50 (2)	50 (2)
-2/0	#4-2/0 AL/CU	2	2	2	2		2/0 AL/CU	Olive	BY31C (4)	B09CH (2)	5/8-1	(4)	(3)	(3)	Olive (2)	54 (1)	54H (2)
-3/0	#4-3/0 AL/CU	2	2	2	2		3/0 AL/CU	Ruby	BY27C (5)	B26CH (2)	11/16	(5)	(3)	(3)	Ruby (2)	62 (1)	62 (1)
-4/0	#2-4/0 AL/CU	3	3	2	2		4/0 AL/CU	White	BY35C (5)	B10CH1 (2)	781	(5)	(3)	(3)	+White (4)	71H (3)	71H (3)
-250	1/0-250 AL/CU	3	3	2	2		250 AL/CU	Red	BY37C (5)	B11CH (2)	840	(5)	(3)	(3)	+Red (5)	76H (3)	76 (2)
-300	1/0-300 AL/CU	3	3	2	2		300 AL/CU	Blue		B61EA (1)	29/32		(2)	(2)	+Blue (5)	87H (3)	87H (3)
-350 (1)	2/0-350 AL/CU	4		3	3		350 AL/CU	Brown		B12CH1 (2)	1-1/8-1		(2)	(2)	+Brown (5)	94H (3)	94H (3)
-400 (1)	3/0-400 AL/CU	5		4 O'lap	4 O'lap		400 AL/CU	Green		B80EA (2)	1-1/8-1		(2)	(2)		99H (3)	99H (3)
-500 (1)	4/0-500 AL/CU	7		4 O'lap	4 O'lap		500 AL/CU	Green		B80EA (3)	1-1/8-2		(2)	(2)		96H (4)	96 (2)
-600	350 - 600 AL 350 - 500 CU				4	3	600 AL	Pink		B20AH (3)	1-5/16			(4)		106H (5)	106H (5)
-750	500 - 750 AL 500 CU				4	3	750 AL	Pink		B20AH (3)	1-5/16			(4)		106H (5)	106H (5)
-1000	750-1000 AL					3	1000 AL	Brown									

+ TBM-8 Tool ONLY
★ Anderson HC-12 Dies, Burndy's Y-35 Dies and Blackburn's JB-12 Dies are interchangeable.
(1) "VACL" Lug sizes -350 to -500 take 1 less crimp (VC6 Tools) than shown.
(2) Color code is for Anderson and Burndy dies only. Use the recommended die number (NOT die color) for Blackburn, Kearney & T&B Hyd. Tools/Dies.
(3) The "VACL" lugs are qualified for UL "HV" applications.
(4) The "VACS" sleeves and "VACT" tee connectors are for AL to AL or AL to CU connections ONLY. (NOT for CU to CU connections).
** Not UL Listed-pending completion of test.*

VERSAtile™ COPPER COMPRESSION TERMINAL TYPE VCELC

COPPER
VCELC

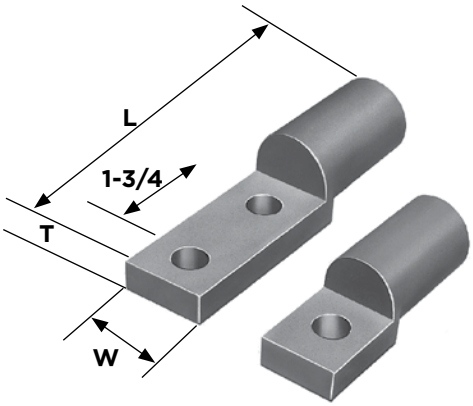


FIG. 2 FIG. 1

- For use with either VERSA-CRIMP® or conventional compression tools.
- Compact design for use in molded case equipment where space is limited.
- For use with copper stranded conductor only.
- Color coded bands for easy die selection.

Material: Copper Tin Plated

NOTE: For additional 2-hole or 1-hole sizes, contact factory.

LISTED 261L

Product Data & Conductor Size

CATALOG NUMBER	FIGURE NUMBER	CONVENTIONAL TOOLING	VERSA-CRIMP® SYSTEM RANGE	VERSA-CRIMP® TOOL TYPE	PAD BOLT DIAMETER	DIMENSIONS INCHES (MM) L	W	T	APPROX. WT. EACH LBS. (KG.)
VCELC03038H1	1	300 MCM Cu	2/0-300 MCM Cu	VC63 VC7 VC6FT VC7FT	3/8 (9.5)	2.260 (57.4)	1.0 (25.4)	.281 (7.1)	.293 (.133)
VCELC05012H1	1	500 MCM Cu	250-500 MCM Cu		1/2 (12.7)	3.40 (86.4)	1.187 (30.1)	.500 (12.7)	.562 (.230)
VCELC05012H2	2	500 MCM Cu	250-500 MCM Cu		1/2 (12.7)	5.040 (128.0)	1.187 (30.1)	.500 (12.7)	.84 (.38)
VCELC07512H1	1	750 MCM Cu	400-750 MCM Cu	VC6FT VC7FT & VC8	1/2 (12.7)	3.650 (92.7)	1.30 (33.0)	.500 (12.7)	.703 (.319)

Refer to page DF-19 for recommended tool and die information.

HIGH VOLTAGE APPLICATIONS—All Aluminum/Copper and Copper Lugs (VCEL, VACL, VHCL, VHCS and VCELC) are rated at 34.5 KV. 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.

For further information, contact factory.

APPLICATION RECOMMENDATIONS WITH WELDING CABLE* FOR INSTALLATION WITH VC7 TOOLING ONLY

CATALOG NUMBER	WELDING CABLE RANGE
VCELC03038H1	#6-259 Str. #4-413 Str. #3-532 Str. #2-651 Str. #1-819 Str.
VCELC05012H1 VCELC05012H2	1/0-1026 Str. 2/0-1292 Str.
VCELC07512H1	3/0-1653 Str. 4/0-2071 Str.

** Not U.L. listed—U.L. does not recognize Welding Cable for commercial wiring.*

VCELC

CATALOG NUMBER VCELC	ANDERSON™ VERSA-CRIMP® COMPRE V-C TOOLS WIRE RANGE (COPPER ONLY)	VERSA-CRIMP® TOOLS (NUMBER OF CRIMPS)A VC6	VC6 -FT	VC7	VC7 -FT	VC8 AL NIBS	CONVENTIONAL COMPRESSION DIE TOOLING (Crimps Per Connection) Copper Wire Size	Die Color Code	Burndy (Crimps) Tool Y35 and Y39 Die	Burndy (Crimps) Tool MD-6 Die	Kearney (Crimps) Tools "WH" Die	Thomas & Bet Tools TBM5 TBM8 Die	Thomas & Bet Hyd. Tools 12, 15 20 & 40 Ton Die
030	2/0-300 MCM	2 Overlap	2 Overlap	3 Overlap	3 Overlap		300MCM	Blue	U30ART ◊ (1)		29/32 or 1 (1)		76H or 83H (2)
050	250-500 MCM	2	2	3	2		500 MCM	Green	U32ART ◊ (2)		1-1/8-1 + ◊ (2 O'lap) 1-1/8-2+ ◊ (2)		94H (3)
075	400-750 MCM		2		2	2	750 MCM	Pink	U-M or U34ART ◊ (2)		1-1/4 (2)		106H (3)

Note 1
+ WH-2 Tool only.
◊ Before making first crimp, make certain that the edge of the die block is located to clear the back edge of the "VCELC" tongue.
** Partial crimp. Crimp dies extend beyond the end of the crimp barrel.*
NOTE: "VCELC" copper equipment terminals cannot be used with type VC6350 tools.

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APPLICATION RECOMMENDATIONS WITH WELDING CABLE *FOR INSTALLATION WITH VC7 TOOLING ONLY

CATALOG NUMBER	NUMBER OF CRIMPS	WELDING CABLE RANGE	CATALOG NUMBER	NUMBER OF CRIMPS	WELDING CABLE RANGE
VCELC03038H1	3 Overlap	#6-259 STR #4-413 STR #3-532 STR #2-651 STR #1-819 STR	VCELC05012H1	3	1/0-1026 STR 2/0-1292 STR
			VCELC07512H1	3	3/0-1653 STR 4/0-2071 STR

Note 2
** Not U.L. Listed—U.L. does not recognize Welding Cable for commercial wiring.*