

REVISIONS				E.C.N. NUMBER	REVISIONS				E.C.N. NUMBER
DATE	NO.	DESCRIPTION	BY		DATE	NO.	DESCRIPTION	BY	
01/06/95	12	ADDED BILINGUAL SHEETS 3 & 4, REDRAWN	DR	5799	6/25/04	15	CONVERTED ENGLISH COLORS TO SPANISH	MAH	10196
03/07/95	13	CODE NUMBER CHANGED ON SHEETS 1 & 3 WAS 1411400700	DR	5829	11/28/06	16	UPDATED REVISION ON PRINT	JLB	20372
02/09/96	14	REMOVED SQUARE D NAME & LOGO AND ADDED HUBBELL NAME & LOGO	DR	5969					

ANDERSON

VACL/VACS/VACT

TABULATION CONTINUED

R/16		ANDERSON VERSA-CRIMP COMPRESSION TOOLS (Crimps Per Connection)										CONVENTIONAL COMPRESSION DIE TOOLING (Crimps Per Connection)									
Catalog Number VACL ① VACS VACT	V-C Tools Wire Range (AWG or MCM)	VERSA-CRIMP Tools (Number of Crimps)				Wire Size (AWG or MCM)	Die Color Code ②	Anderson (Crimps)	Burdyn (Crimps)						Burdyn Indentor Tools (1 Crimp)						
		VC6-L VC6 -350	VC6 ①	VC6 -FT ①	VC8 *AL* NIBS			Tool HC-12	Die Index No.	Tool Y34A	Tools Y35 Y39	Tool Y34B	Tool Y48B	Tool Y486RB	Tool MY29	Tool Y34A (Indentor)	Tool Y34B (Indentor)	Tool Y48B (Indentor)	Tool Y486RB (Indentor)		
								Die		Die	Die	Die	Die	Die	Nest	Nest	Nest	Nest			
-8	#8 AL/CU	1				#8 AL/CU	Blue	HT41GL (2)	374			U8CABT (2)			#8 (1)						
-6	#6 AL/CU	1				#6 AL/CU	Gray	HT41GE (1)	346	A6CAB (1)		U6CABT (1)	B6CD (1)			#6 (1)	A4CD (Y34PA)	B4CD (Y34PA)			
-4	#4 AL/CU	2				#4 AL/CU	Green	HT41GM (1)	375	A4CAB (1)		U4CABT *(1)	B4CD (1)	C4CAB (1)		#4 (1)	A1CD (Y34PA)	B1CD (Y34PA)			
-2	#6-#2 AL/CU	2	2	2		#2 AL/CU	Pink	HT41GF (1)	348	A2CAB (1)		U2CABT (1)	B2CD (1)			#2 (2)	A26D (Y34PA)	B26D (Y34PA)			
-1	#8-#1 AL/CU	2	2	2		#1 AL/CU	Tan	HT41EX (1)	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		1/0 AL/CU	Tan	HT41EX (1)	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		2/0 AL/CU	Olive	HT41EY (2)	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		3/0 AL/CU	Ruby	HT41GW (2)	467	A27AR (2)		U27ART (2)	B27D (1)			3/0 (2)	A30D (Y34PR-5)	B30D (Y34PR-5)			
-4/0	#2-4/0 AL/CU	3	2	2		4/0 AL/CU	White	HT41EZ (2)	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	2	2		250 AL/CU	Red	HT41FW (2)	324	A29AR (2)		U29ART (2)	B29D (1)	C29AR (1)	F29AR (1)		A32D (Y34PR-5)	B32D (Y34PR-5)			
-300	1/0-300 AL/CU	3	2	2		300 AL/CU	Blue	HT41GZ (2)	470	A30AR (2)		U30ART (2)	B30D (2)	C30AR (1)	F30AR (1)		A34D (Y34PR-11)	No Die	C34D (Y48PR-1)		
-350 ①	2/0-350 AL/CU		3	3		350 AL/CU	Brown	HT41FA (2)	299			U31ART (2)	B31D (2)	C31AR (1)	F31AR (1)			C35D (Y48PR-1)	F35D (Y48PR-1)		
-400 ①	3/0-400 AL/CU		4 0"lap	4 0"lap		400 AL/CU	Green	HT41HH (4)	472			U32ART (4)	B32D (2)	C32AR (2)	F32AR (2)			C36D (Y48PR-1)	F36D (Y48PR-1)		
-500 ①	4/0-500 AL/CU		4 0"lap	4 0"lap		500 AL/CU	Green	HT41HH (4)	472			U32ART (4)	No Die Required (2)	C32AR (2)	F32AR (2)						
-600	350-600 AL 350-500 CU			4	3	600 AL	Pink	HT41FB (4)	300			U34ART (4)		C34AR (2)	F34AR (2)						
-750	500-750 AL 500 CU			4	3	750 AL	Pink	HT41FB (4)	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)		

INSTALLATION PROCEDURE
AND
CONDUCTOR RECOMMENDATIONS

CAT. NO. VACL, VACS, VACT



Anderson Electrical Products
A subsidiary of Hubbell

DWG. NO.

+ TBM-8 Tool ONLY.

* Anderson's HC-12 Dies, Burdys 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 Burdys 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 U/L "HV" applications.

FORM IC-28 SHEET 1 OF 2 (R 2/96) DWG. M-7298 (REV.16) 1411400700E



CONDUCTOR RECOMMENDATIONS

INSTALLATION PROCEDURE
AND

CAT. NO. VACL, VACS, VACT

DWG. NO.

M-7298

Anderson Electrical Products, Inc
A subsidiary of Hubbell Incorporated

REVISIONS				E.C.N. NUMBER	REVISIONS				E.C.N. NUMBER
DATE	NO.	DESCRIPTION	BY		DATE	NO.	DESCRIPTION	BY	
6/25/04	15	CONVERTED ENGLISH COLORS TO SPANISH	MAH	10196					
	16	SEE SHEET ONE							

WARNING: HAZARD OF ELECTRICAL SHOCK OR BURN. TURN OFF ALL ELECTRICAL POWER PRIOR TO INSTALLING OR SERVICING THESE CONNECTORS.

TABULATION CONTINUED



INSTALLATION PROCEDURE
AND
CONDUCTOR RECOMMENDATIONS.

Anderson Electrical Products, Inc.
A subsidiary of Hubbell Incorporated

CAT. NO. VACL, VACS, VACT DWG. NO. M-7298

Catalog Number VACL ③ VACS VACT	CONVENTIONAL COMPRESSION DIE TOOLING (Crimps Per Connection)										WIRE INSULATION STRIP LENGTH (Minimum)			
	Wire Size (AWG or MCM)	Blackburn (Crimps)		Kearney (Crimps)				Thomas & Betts (Crimps)		Catalog Number				
		Tool OD-58	Tool JB-12A	Die	Tools (No. of Crimps)			Tools TBM5 TBM8	Hyd. Tools					
					0-52	WH-1 PH-1	WH-2 PH-2		Die	12 Ton	15 Ton			
												Die	Die	Die
MAIN	TAP													
-8	#8 AL/CU	BY17C (2)	B73CH (1)	1/4	(2)			Blue (1)	24 (1)	24 (1)	1"	1"		
-6	#6 AL/CU	BY19C (3)	B74CH (1)	5/16	(3)	(1)	(1)	Gray (2)	29 (2)	29 (2)	1"	1"		
-4	#4 AL/CU	BY21C (3)	U4CABT (1) *	3/8	(3)	(2)	(2)	Green (2)	37 (2)	37 (2)	1-1/8"	1-1/8"		
-2	#2 AL/CU	BY23C (3)	B08CH (1)	1/2	(3)	(2)	(2)	Pink (2)	45 (2)	45 (2)	1-1/4"	1-1/4"		
-1	#1 AL/CU	BY25C (4)	U25ART (1) *	9/16	(4)	(2)	(2)	Tan (2)	50 (2)	50 (2)	1-1/4"	1-1/4"		
-1/0	1/0 AL/CU	BY25C (4)	U25ART (1) *	9/16	(4)	(2)	(2)	Tan (2)	50 (2)	50 (2)	1-7/16"	1-7/16"	2-3/8"	2-1/8"
-2/0	2/0 AL/CU	BY31C (4)	B09CH (2)	5/8-1	(4)	(3)	(3)	Olive (2)	54 (1)	54H (2)	1-7/16"	1-7/16"		
-3/0	3/0 AL/CU	BY27C (5)	B26CH (2)	11/16	(5)	(3)	(3)	Ruby (2)	62 (1)	62 (1)	1-7/16"	1-7/16"		
-4/0	4/0 AL/CU	BY35C (5)	B10CH1 (2)	781	(5)	(3)	(3)	+White (4)	71H (3)	71H (3)	1-5/8"	1-3/4"	2-5/8"	2-1/8"
-250	250 AL/CU	BY37C (5)	B11CH (2)	840	(5)	(3)	(3)	+Red (5)	76H (3)	76 (2)	1-5/8"	1-3/4"		
-300	300 AL/CU		B61EA (1)	29/32		(2)	(2)	+Blue (5)	87H (3)	87H (3)	1-5/8"	1-3/4"	2-3/4"	2-3/8"
-350 ①	350 AL/CU		B12CH1 (2)	1-1/8-1		(2)	(2)	+Brown (5)	94H (3)	94H (3)	1-3/4"	2-9/16"		
-400 ①	400 AL/CU		B80EA (2)	1-1/8-1		(2)	(2)		99H (3)	99H (3)	1-15/16"	2-1/8"		
-500 ①	500 AL/CU		B80EA (3)	1-1/8-2		(2)	(2)		96H (4)	96 (2)	2-3/8"	2-9/16"	3-13/16"	3-3/8"
-600	600 AL		B20AH (3)	1-5/16			(4)		106H (5)	106H (5)	2-7/8"	3-1/16"		
-750	750 AL		B20AH (3)	1-5/16			(4)		106H (5)	106H (5)	2-7/8"	3-1/16"	4-3/8"	3-5/8"
-1000	1000 AL										2-7/8"	3-1/4"	4-7/16"	3-5/8"

+ TBM-8 Tool ONLY.

* Anderson's HC-12 Dies, Burndy's Y-35 Dies and Blackburn's JB-12 Dies are interchangeable.

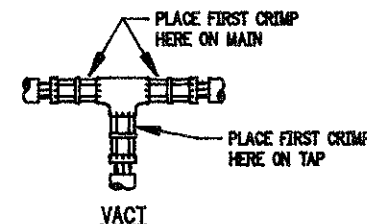
① "VACL" Lug Sizes -350 to -500 Take 1 less crimp (VC6 Tools) than shown

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 U/L "HV" applications.

VACL/VACS/VACT INSTALLATION PROCEDURES

- Strip insulation from conductor being careful not to nick strands. A proper insulation stripping tool or use of the "pencil" shaving method is recommended. NOTE: Users of VC6 tools must strip off an extra 1-5/8" of insulation from one cable end to permit removal of tool over conductor sizes 250 MCM and larger (.790" maximum outside diameter). Users of VC6-L & VC6-350 tools should strip off an extra 1/2" of insulation to permit removal of tool over 300 MCM conductor (.900" maximum O.A. diameter).
- Refer to tabulation for recommended strip length.
- Thoroughly abrade the stripped wire, using a stiff wire brush or abrasive cloth. Insert wire fully into crimp barrel cavity.
- Select recommended tooling (see tabulation) and crimp within the crimp location marks on the connector, begin crimps at location nearest center and crimp progressively towards the end of the connector. For multiple crimps, equally space the crimps within the crimp location marks shown. See illustrations below.
- Wipe off expelled electrical joint compound from outside of connector and cable insulation.
- Some metal "flash" may occur where the die halves close. This flash can be easily removed, if desired. Any sharp projections should be dressed down with a file.



4 OF 2 SHEETS

REVISIONS										E.C.N. NUMBER	REVISIONS										E.C.N. NUMBER
DATE	NO.	DESCRIPTION				BY	DATE	NO.	DESCRIPTION				BY								
6/25/04	15	CONVERTED ENGLISH COLORS TO SPANISH				MAH	10/96														
	16	SEE SHEET ONE																			

ANDERSON

VACL/VACS/VACT

TABULACION CONT....

CATALOGO NUMERO VACL ③ VACS VACT	HERRAMIENTAS VERSA-CRIMP (IDENTACIONES POR CONECCION)	HERRAMIENTAS CONVENCIONALES DE COMPRESION (IDENTACIONES POR CONECCION)												BURNDY IDENTACION HERRAMIENTAS (1 IDENTACION)						
		HERRAMIENTAS VERSA-CRIMP (NO. DE IDENTACION)				MEDIDA SISTEMA (AWG o MCM)	DADO COLORES ②	ANDERSON (IDENT)	BURNDY (IDENTACIONES)						BURNDY IDENTACION HERRAMIENTAS (1 IDENTACION)					
		V-C HERRAM. RANGO CONDUCTOR (AWG o MCM)	VERS-CRIMP HERRAMIENTAS						HERRAM. HC-12	DADO INDICE NO.	HERRAM. Y34A	HERRAM. Y35 Y39	HERRAM. Y34B	HERRAM. Y48B	HERRAM. Y486RB	HERRAM. MY29	HERRAM. Y34A (IDENTACION)	HERRAM. Y34B (IDENTACION)	HERRAM. Y48B (IDENTACION)	HERRAM. Y486RB (IDENTACION)
			VC6-L VC6 -350	VC6 ①	VC6 -FT ①															
-8	#8 AL/CU	1				#8 AL/CU	Azul	HT41GL (2)	374		U8CABT (2)			#8 (1)						
-6	#6 AL/CU	1				#6 AL/CU	Gris	HT41GE (1)	346	A6CAB (1)	U6CABT (1)	B6CD (1)		#6 (1)	A4CD (Y34PA)	B4CD (Y34PA)				
-4	#4 AL/CU	2				#4 AL/CU	Verde	HT41GM (1)	375	A4CAB (1)	U4CABT *(1)	B4CD (1)	C4CAB (1)	#4 (1)	A1CD (Y34PA)	B1CD (Y34PA)				
-2	#6-#2 AL/CU	2	2	2		#2 AL/CU	Rosa	HT41GF (1)	348	A2CAB (1)	U2CABT (1)	B2CD (1)		#2 (2)	A26D (Y34PA)	B26D (Y34PA)				
-1	#8-#1 AL/CU	2	2	2		#1 AL/CU	Bronceado	HT41EX (1)	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		1/0 AL/CU	Bronceado	HT41EX (1)	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		2/0 AL/CU	Verde Olivo	HT41EY (2)	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		3/0 AL/CU	Rubi	HT41GW (2)	467	A27AR (2)	U27ART (2)	B27D (1)		3/0 (2)	A30D (Y34PR-5)	B30D (Y34PR-5)				
-4/0	#2-4/0 AL/CU	3	2	2		4/0 AL/CU	Blanco	HT41EZ (2)	298	A28AR (2)	U28ART (2)	B28D (1)	C28AR (1)	4/0 (2)	A31D (Y34PR-5)	B31D (Y34PR-5)				
-250	1/0-250 AL/CU	3	2	2		250 AL/CU	Rojo	HT41FW (2)	324	A29AR (2)	U29ART (2)	B29D (1)	C29AR (1)		A32D (Y34PR-5)	B32D (Y34PR-5)				
-300	1/0-300 AL/CU	3	2	2		300 AL/CU	Azul	HT41GZ (2)	470	A30AR (2)	U30ART (2)	B30D (2)	C30AR (1)		A34D (Y34PR-11)	No Requiere Dado	C34D (Y48PR-1)	F34D (Y48PR-1)		
-350 ①	2/0-350 AL/CU		3	3		350 AL/CU	Cafe	HT41FA (2)	299		U31ART (2)	B31D (2)	C31AR (1)				C35D (Y48PR-1)	F35D (Y48PR-1)		
-400 ①	3/0-400 AL/CU		4 0"lap	4 0"lap		400 AL/CU	Verde	HT41HH (4)	472		U32ART (4)	B32D (2)	C32AR (2)				C36D (Y48PR-1)	F36D (Y48PR-1)		
-500 ①	4/0-500 AL/CU		4 0"lap	4 0"lap		500 AL/CU	Verde	HT41HH (4)	472		U32ART (4)	No Requiere Dado (2)	C32AR (2)							
-600	350-600 AL 350-500 CU			4	3	600 AL	Rosa	HT41FB (4)	300		U34ART (4)		C34AR (2)		F34AR (2)					
-750	500-750 AL 500 CU			4	3	750 AL	Rosa	HT41FB (4)	300		U34ART (4)		C34AR (2)		F34AR (2)					
-1000	750-1000 AL				3	1000 AL	Cafe		302				C44AR (2)		F44AR (2)		C46D (Y48PR-1)	F46D (Y48PR-1)		

+ TBM-8 HERRAMIENTA SOLAMENTE.

* DADOS ANDERSON HC-12, DADOS BURNDY Y-35 Y DADOS BLACKBURN JB-12 SON INTERCAMBIABLES.

① "VACL" MEDIDAS 350 A 500 LLEVAN UNA IDENTACION MENO QUE LOS QUE SE MUESTRAN.

② ESTOS CODIGOS DE COLORES SON SOLAMENTE PARA ANDERSON Y BURNDY. PARA LAS HERRAMIENTAS BLACKBURN, KEARNEY Y T&B HYD. USAR LOS NUMEROS DE DADOS RECOMENDADOS NO LOS COLORES.

③ "VACL" ESTAN CALIFICADOS PARA APLICACIONES U/L "HY".

FORM IC-28 SHEET 2 OF 2 (R 2/96) DWG. M-7298 (REV.16) 1411400700S



