

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.

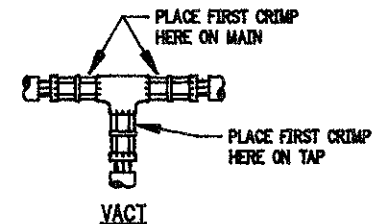


TABULATION CONTINUED

Catalog Number VACL ③ VACS VACT	Wire Size (AWG or MCM)	CONVENTIONAL COMPRESSION DIE TOOLING (Crimps Per Connection)									WIRE INSULATION STRIP LENGTH (Minimum)				
		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		③ VACL	④ VACS	VACT ④	
		Die	Die		0-52	WH-1 PH-1	WH-2 PH-2	Die	12 Ton Die	15 Ton 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)	B06CH (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)	7/8	(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)	8/40	(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"	

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.
- Wipeoff 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.



+ 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.

INSTALLATION PROCEDURE
AND
CONDUCTOR RECOMMENDATIONS

Anderson Electrical Products, Inc
A subsidiary of Hubbell Incorporated
CAT. NO. VACL, VACS, VACT
DWG. NO. M-7298

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DATE 02/15/88 R/16
 DWN BY JOT OKD BY
 APPROVED
 SCALE DO NOT

ANDERSON TABULACION CONT....


VACL/VACS/VACT

CATALOGO NUMERO VACL VACS VACT	V-C HERRAM. RANGO CONDUCTOR (AWG o MCM)	HERRAMIENTAS VERSA-CRIMP (IDENTACIONES POR CONECCION)				MEDIDA SISTEMA (AWG o MCM)	DADO COLORES	HERRAMIENTAS CONVENCIONALES DE COMPRESION (IDENTACIONES POR CONECCION)							BURNDY IDENTACION HERRAMIENTAS (1 IDENTACION)			
		VERSACRIMP HERRAMIENTAS (NO. DE IDENTACION)						ANDERSON (IDENT)	BURNDY (IDENTACIONES)				BURNDY IDENTACION HERRAMIENTAS (1 IDENTACION)					
		VC6-L VC6 -350	VC6	VC6 -FT	VC8 *AL* NIBS			HERRAM. HC-12	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)
-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)	F28AR (1)	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)	F29AR (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)	F30AR (1)	A34D (Y34PR-11)	No Requiere Dado	C34D (Y48PR-1)	F34D (Y48PR-1)
-350	2/0-350 AL/CU		3	3		350 AL/CU	Cafe	HT41FA (2)	299		U31ART (2)	B31D (2)	C31AR (1)	F31AR (1)			C35D (Y48PR-1)	F35D (Y48PR-1)
-400	3/0-400 AL/CU		4	4		400 AL/CU	Verde	HT41HH (4)	472		U32ART (4)	B32D (2)	C32AR (2)	F32AR (2)			C36D (Y48PR-1)	F36D (Y48PR-1)
-500	4/0-500 AL/CU		4	4		500 AL/CU	Verde	HT41HH (4)	472		U32ART (4)	No Requiere Dado (2)	C32AR (2)	F32AR (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

Anderson Electrical Products, Inc
 A subsidiary of Hubbell Incorporated



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

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CUIDADO: PELIGRO DE ELECTROCUTARSE O QUEMARSE. DESCONECTAR TODA LA ELECTRICIDAD ANTES DE COMENZAR A TRABAJAR CON ESTOS CONECTORES.

TABULACION CONTINUACION PARA APLICACIONES EN LAS LINEAS VIVAS: USAR SOLAMENTE LOS PROCEDIMIENTOS DE SEGURIDAD YA ESTABLECIDOS.



CATALOGO NUMERO VAQL VACS VACT	MEDIDA SISTEMA (AWG o MCM)	HERRAMIENTAS CONVENCIONALES DE COMPRESION (IDENTACIONES POR CONECCION)								MEDIDA INSULACION QUITAR LARGO (Mínimo) DIM. EN MM				
		Blackburn (IDENTACION)		Kearney (IDENTACION)			Thomas & Betts (IDENTACION)			CATALOGO NUMERO				
		HERRAM. OD-58	HERRAM. JB-12A	DADO	HERRAM. (No. DE IDENT.)			Hyd. HERRAM.		③ VAQL	④ VACS	VACT ④		
		DADO	DADO		0-52	WH-1 PH-1	WH-2 PH-2	DADO	DADO			DADO	MAIN	TAP
-8	#8 AL/CU	BY17C (2)	B73CH (1)	1/4	(2)			Azul (1)	24 (1)	24 (1)	25.4	25.4		
-6	#6 AL/CU	BY19C (3)	B74CH (1)	5/16	(3)	(1)	(1)	Gris (2)	29 (2)	29 (2)	25.4	25.4		
-4	#4 AL/CU	BY21C (3)	U4CABT (1)*	3/8	(3)	(2)	(2)	Verde (2)	37 (2)	37 (2)	28.6	28.6		
-2	#2 AL/CU	BY23C (3)	B06CH (1)	1/2	(3)	(2)	(2)	Rosa (2)	45 (2)	45 (2)	31.8	31.8		
-1	#1 AL/CU	BY25C (4)	U25ART (1)*	9/16	(4)	(2)	(2)	Bronceado (2)	50 (2)	50 (2)	31.8	31.8		
-1/0	1/0 AL/CU	BY25C (4)	U25ART (1)*	9/16	(4)	(2)	(2)	Bronceado (2)	50 (2)	50 (2)	36.5	36.5	60.3	54.0
-2/0	2/0 AL/CU	BY31C (4)	B09CH (2)	5/8-1	(4)	(3)	(3)	Verde Olivo (2)	54 (1)	54H (2)	36.5	36.5		
-3/0	3/0 AL/CU	BY27C (5)	B26CH (2)	11/16	(5)	(3)	(3)	Rubi (2)	62 (1)	62 (1)	36.5	36.5		
-4/0	4/0 AL/CU	BY35C (5)	B10CH (2)	7/8	(5)	(3)	(3)	+Blanco (4)	71H (3)	71H (3)	41.3	44.5	66.7	54.0
-250	250 AL/CU	BY37C (5)	B11CH (2)	8/40	(5)	(3)	(3)	+Rojo (5)	76H (3)	76 (2)	41.3	44.5		
-300	300 AL/CU		B61EA (1)	29/32		(2)	(2)	+Azul (5)	87H (3)	87H (3)	41.3	44.5	69.9	60.3
-350 ①	350 AL/CU		B12CH (2)	1-1/8-1		(2)	(2)	+Cafe (5)	94H (3)	94H (3)	44.5	65.1		
-400 ①	400 AL/CU		B80EA (2)	1-1/8-1		(2)	(2)		99H (3)	99H (3)	49.2	54.0		
-500 ①	500 AL/CU		B80EA (3)	1-1/8-2		(2)	(2)		96H (4)	96 (2)	60.3	65.1	96.8	85.7
-600	600 AL		B20AH (3)	1-5/16			(4)		106H (5)	106H (5)	73.0	77.8		
-750	750 AL		B20AH (3)	1-5/16			(4)		106H (5)	106H (5)	73.0	77.8	111.1	92.1
-1000	1000 AL										73.0	82.6	112.7	92.1

+ TBM-8 HERRAMIENTA SOLAMENTE.

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

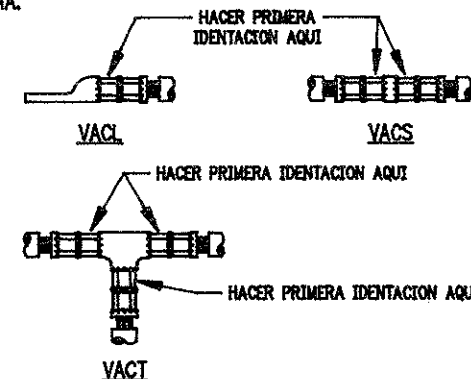
① "VAQL" MEDIDAS 350 A 500 LLEVAN UNA IDENTACION MENO QUE LOS QUE SE MUESTRAN.

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 "VAQL" ESTAN CALIFICADOS PARA APLICACIONES U/L "HV".

VAQL/VACS/VACT PROCEDIMIENTOS DE INSULACION

1. QUITAR LA INSULACION DEL CONDUCTOR TENIENDO CUIDADO DE NO CORTAR LOS HILOS. PARA UNA APROPIADA APLICACION SE RECOMIENDA USAR EL METODO "LAPIZ". AL USAR HERRAMIENTA V06 DEBEN DE QUITAR 41.28mm EXTRA DE INSULACION DEL FINAL DEL CABLE PARA PERMITIR REMOVER FACILMENTE LA HERRAMIENTA DEL CONDUCTOR DE MEDIDAS DE 250 MCM O MAS GRANDES. (DIAMETRO DE AFUERA 20.07mm MAX.). AL USAR HERRAMIENTA V06-L & V06-350 DEBEN DE QUITAR 12.7mm EXTRA DE INSULACION DEL FINAL DEL CABLE PARA PERMITIR REMOVER FACILMENTE LA HERRAMIENTA DEL CONDUCTOR DE MEDIDAS DE 300 MCM O MAS GRANDES.
2. REFERIRCE A LA TABLA PARA EL LARGO QUE RECOMENDAMOS DEBEN DE QUITAR DE INSULACION.
3. LIMPIE VIGOROSAMENTE LAS SUPERFICIES DE CONTACTO CON UN CEPILLO DE ALABRE DE ACERO INOXIDABLE PARA REMOVER LOS OXIDOS. INTRODUCIR EL CABLE DENTRO DEL BARRIL E IDENTILO.
4. SELECCIONE LA HERRAMIENTA RECOMENDADA Y LAS IDENTACIONES NECESARIAS (VER LA TABLA) COMENZANDO LA IDENTACION LO MAS CERCA DEL MEDIO E IDENTAR PROGRASIVAMENTE HASTA EL FINAL DEL CONECTOR. PARA IDENTACIONES MULTIPLES DEBEN DE HACERSE A ESPACIOS IDENTICOS COMO SE MUESTRA EN LA FIGURA ABAJO ILUSTRADA.
5. TODO EL EXCESO DE GRASA DE SELLADURA DEBE SER REMOVIDO DE CUALQUIER CABLE CON AISLAMIENTO.
6. ALGUN PEDAZO DE METAL AGUDO PUEDE QUEDAR AFUERA DESPUES QUE LOS DADOS CIERREN. SI SE DESEA ESTAS PUNTAS PROYECTADAS PUEDEN SER REDUCIDAS CON UNA LIMA.



CONDUCTOR RECOMMENDATIONS

INSTALLATION PROCEDURE
AND

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