

SCALE DO NOT APPROVED CM DWN BY JB OKD BY JAP DATE 09/26/77 R/B

REVISIONS		REVISIONS		REVISIONS					
DATE	NO.	DESCRIPTION	BY	E.C.N. NUMBER	DATE	NO.	DESCRIPTION	BY	E.C.N. NUMBER
01/17/94	6	ADDED BILLING SHEET 2, REBAR#1	DR	5904					
01/20/95	7	VAUL-350-12 THRU VAUL-500-8N THE H/D, DIE 96 & 98H WERE 94 & 94H	DR						
02/08/96	8	REMOVED SQUARE D NAME & LOGO AND ADDED HUBBELL NAME & LOGO	DR	5908					

VAUL SERIES RECOMMENDED INSTALLATION PROCEDURE

ANDERSON VERSA-CRIMP TOOLS (Crimps Per Connection)

CONVENTIONAL COMPRESSION DIE TOOLS (Crimps Per Connection)

Catalog Number VAUL	Die Reference Size	VERSA-CRIMP (Number of Crimps)			VCS "AL" NIBBS	EEL Dies (O'Leary Crimps)	BLINDRY (Crimps)		BLAKEBURN (Crimps)		REARNEY (Crimps)		T & B (Crimps)		Conductor Insulation Strip Length (Minimum) in in. Dia.			
		VCS-350	VCS-FT	VCS			Tool	Die	Tool	Die	Tool	Die	Tool	Die		Hyd Die	Hyd Die	
VAUL-6-12 Thru VAUL-1/0-8N (1 & 2 Hole Pads)	5/8	2	2 O'Leary	2 O'Leary	--	8A	W-806 (2) W-243 (4)	U-806 (1) U-243 (1)							52 (1)	76 (2) 78H (4)	1-1/2	
VAULH-6-12 Thru VAUL-1/0-12 (1 Hole Pad)	3/4	4	3	3	--	11A	W-8040 (5) W-249 (4)	U-249 (2)								76 (2) 78H (4)	840 (5)	1-3/4
VAULH-1-8N Thru VAUL-1/0-8N (2 Hole Pad)	3/4	4	3	3	--	11A	W-8040 (5) W-249 (4)	U-249 (2)								76 (2) 78H (4)	840 (5)	2-1/4
VAUL-250-12 Thru VAUL-350-8N (1 & 2 Hole Pads)	29/32	5	4	4	--	12A		U-251 (4)								87 (2) 87H (4)	29/32 (5)	2-3/4
VAUL-350-12 Thru VAUL-500-8N (1 & 2 Hole Pads)	1-1/8	5-4	4 O'Leary	4 O'Leary	--	13A	U-655(3) U-316(4) US2ART(4) U-705 O'Leary	C-316 (2)								86 (2) 96H (4)	1-1/8 or 1-1/8-2(3)	3
VAUL-600-8N Thru VAUL-750-8N (2 Hole Pad)	1-5/8	--	--	4	3	14A	U-317 (4) U-327 (4)	C-317 (2) C-327 (2)								106 (3) 108H (5)	1-5/8 (4)	3-3/8
VAULH-500-8N Thru VAUL-1000-8N (2 Hole Pad)	1-1/2	--	--	--	4	N/A	C-30ARP(2) U-706 or U-808 O'Leary	C-808 (2)								140 (2) 140H (5)	1-1/2 (5)	3-9/16

** For use on VAUL-350 ONLY. When crimped with VCS-350 tool will only accommodate conventional tool / die wire ranges.
* Multiple crimp die sets makes two crimp die sets per compression crimp (shown right)
NOTE: Runway and Backlash AB-12 Tool Dies are interchangeable.
To use "U" dies in V45 tool - P78515 die adaptor is needed.
To use "U" dies in V46 tool - P-UVAP die adaptor is needed.

INSTALLATION STEPS

1. When using insulated conductor, strip the insulation from the conductor (see tab for strip length) being careful not to nick the strands. A proper insulation stripping tool or using the "penet" stripping method is recommended.
2. Thoroughly clean and debrass the stripped end of bare conductor using a stiff wire brush or debrass cloth.
3. Remove protruding tape from end of conductor and fully insert the cleaned conductor into the big conical.
4. Select an appropriate tool/die combination, as indicated in the Crimp Reference Table and crimp with the crimp location marks on the connector. Begin crimps at location nearest pad and progressively crimp toward the end of the connector. For multiple crimps, overlap or leave 1/8" space between the crimps within the crimp location marks shown.
5. Wipe exposed section from connector and conductor.

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

LIVE LINE APPLICATION: USE ONLY ESTABLISHED SAFE WORKING PROCEDURES.



FORM IC-35 (R 2/96)
Dwg. M-7256 (REV. 8)
1411400000

INSTALLATION PROCEDURE
AND
TOOL & DIE REFERENCE

Anderson Electrical Products, Inc
A subsidiary of Hubbell Incorporated

CAT. NO. VAUL DWG. NO. M-7256