

SCALE			DO NOT		
APPROVED			CM		
DWN BY JB			CKD BY JAP		
DATE 09/26/77			R/B		
REVISIONS			REVISIONS		
DATE	NO.	DESCRIPTION	BY	E.C.N. NUMBER	DATE
01/17/94	6	ADDED BILLING SHEET 2, REORANI	DR	5804	
01/20/95	7	VAL-350-12 THRU VAL-500-8N T88 H10, DIE 86 & 86H WERE 94 & 94H	DR	--	
02/08/96	8	REMOVED SQUARE D NAME & LOGO AND ADDED HUBBELL NAME & LOGO	DR	5808	

VAUL SERIES RECOMMENDED INSTALLATION PROCEDURE

INSTALLATION PROCEDURE AND TOOL & DIE REFERENCE

Anderson Electrical Products, Inc.
A subsidiary of Hubbell Incorporated

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

ANDERSON VERSA-CRIMP TOOLS (Crimps Per Connection)

CONVENTIONAL COMPRESSION DIE TOOLING (Crimps Per Connection)

Catalog Number VAUL	Die Reference Size	VERSA-CRIMP (Number of Crimps)				EEL Dies (Olap Crimps)	CONVENTIONAL COMPRESSION DIE TOOLING (Crimps Per Connection)										Conductor Insulation Strip Lengths (Minimum) Dm. in Inches	
		VC6-350	VC6	VC6-FT	VC8 AL-NIBBS		BURNBY (Crimps)					BLACKBURN (Crimps)		KEARNEY (Crimps)		T & B (Crimps)		
							Tool MD-6	Tool YCS Y46 (2)	Tool Y46B	Tool Y68HU	Tool OO-58	Tool AP-12	Tool O-52	Tools WH-1 WH-2	Hyd. Die	Hyd. Die		
VAL-6-12 Thru VAL-1/0-8N (1 & 2 Hole Pads)	5/8	2	2 Olap	2 Olap	--	8A	B6 or 243	W-86 (2) W-243 (4)	U-86 (1) U-243 (1)								52 (1)	1-1/2
VALH-6-12 Thru VAL-4/0-12 (1 Hole Pad)	3/4	4	3	3	--	11A	R240 or 246	W-8640 (5) W-246 (4)	U-246 (2)								76 (2) 76H (4)	1-3/4
VALH-1-8N Thru VAL-4/0-8N (2 Hole Pad)	3/4	4	3	3	--	11A	R240 or 246	W-8640 (6) W-246 (2)	U-246 (2)								76 (2) 76H (4)	2-1/4
VAL-250-12 Thru VAL-350-8N (1 & 2 Hole Pads)	29/32	5	4	4	--	12A	251		U-251 (4)								87 (2) 87H (4)	2-3/4
VAL-350-12 Thru VAL-500-8N (1 & 2 Hole Pads)	1-1/8	5	4	4 Olap	--	13A	316 635 472 or 705	U-635(3) U-316(4) U-316(4) U-705 Olap	C-316 (2)								96 (2) 96H (4)	3
VAL-600-8N Thru VAL-150-8N (2 Hole Pad)	1-5/8	--	--	4	3	14A	317 327 or 719	U-317 (4) U-327 (4)	C-317 (2) C-327 (2)								106 (3) 106H (5)	3-3/8
VALH-500-8N Thru VAL-1000-8N (2 Hole Pad)	1-1/2	--	--	--	4	N/A	301 608 724 or 786	C-301AP(2) U-786 U-608 Olap	C-608 (2)								140 (2) 140H (5)	3-9/16

* * * For use on VAL-350 ONE L. When crimped with VC6-350 tool will only accommodate conventional tool / die wire range.

* * * Multiple crimp die set makes two crimp joints per compression crimp (Shown right).

NOTE: Burnby and Blackburn 29-12 Tool Dies are interchangeable.

to use "U" dies in Y46 tool - PT6515 die adaptor is needed.

to use "U" dies in Y46 tool - P-UADP 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 "pinch" stripping method is recommended.
2. Thoroughly clean and de-burr the stripped end/or bare conductor using a stiff wire brush or abrasive cloth.
3. Remove protective tape from end of conductor and fully insert the cleaned conductor into the lug cavity.
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. When applied, sealant 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 10-35 (R 2/90)
DHR. W-7256 (REV. 8)
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*** For use on VAL-350 ONLY. When crimped with VC6-350 tool will only accommodate conventional tool / die wire ranges.
* Multiple crimp die sets make two crimp die sets per compression crimp (Shown right)
NOTE: Burnby and Blackburn AB-12 Tool Dies are interchangeable.
① To use "U" dies in Y46 tool - P-18515 die adaptor is needed.
② To use "U" dies in Y46 tool - P-18515 die adaptor is needed.

**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.

- 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 de-burr the stripped end of heavy conductor using a stiff wire brush or de-burr cloth.
 3. Remove protective tape from end of conductor and fully insert the cleaned conductor into the key contact.
 4. Select an appropriate tool/die combination, as indicated in the Crimp Reference Table and crimp within the crimp location marks on the connector. Begin crimp 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.



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