

URGENT INSTRUCTION OR INFORMATION SUPPLEMENT  
SOLDERLESS WRAP CONNECTIONS,  
METHODS, REQUIREMENTS AND TOOLS

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1. GENERAL

- 1.1 The purpose of this UIS is to provide Installation Information about changed Handbook 9 Instructions regarding apparatus approved for Solderless Wrapped Connecting.
- 1.2 Table D and Paragraph 2.7 are added to Section 310, Issue dated 5-2-83. This data replaces Information previously contained in Sections 314 and 314A to 314Z which are cancelled.

2. INSTRUCTION

- 2.1 Add Paragraphs 2.7 to 2.7.2 and Table D

2.7 APPARATUS APPROVED FOR SOLDERLESS WRAPPED CONNECTION

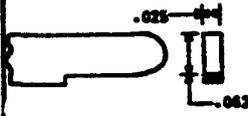
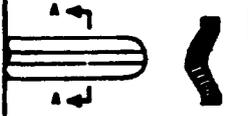
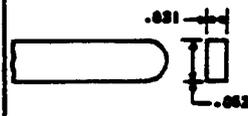
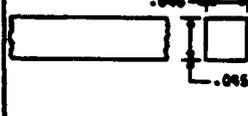
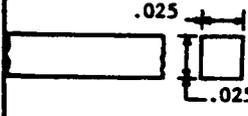
- 2.7.1 Apparatus having terminal configuration as shown in Table D of this section are approved for SWC. Table D is intended as a guideline only.
- 2.7.2 In today's environment, most new apparatus is approved for Solderless Wrap Connecting using the wire gauges shown in Table D. The number of connections that may be made is determined by the terminal length. If different wire gauges or insufficient terminal lengths are encountered that do not agree with Table D, Equipment Drawing ED-94818-01 should be consulted for specific data.

Engineering Planning Manager  
(Installation)

Attachment:  
Table D

TABLE D - APPARATUS APPROVED FOR SOLDERLESS WRAPPED CONNECTING

(PAR. 2.7)

Terminal Configuration	Typical Application	Approved Wire Gauges for SWC						NOTES
		20	22	24	26	28	30	
 <p>TWISTED AND COILED TRAPEZOID</p>	AF, AG, AJ, 200, 207, & 208 TYPE RELAYS	X	X	X	X	X	X	<p>1. This table depicts the most common terminal configurations used on Western Electric coded apparatus. It is intended as a <b>GUIDELINE ONLY</b> for wire gauges and terminal types approved for SWC. If wire gauges other than those shown are encountered, refer to ED-94818-01 for specific information.</p> <p>2. The number of SWC's approved for each terminal is approx. One for every 1/4 inch of terminal length. ED-94818-01 provides the exact number of connections approved. If insufficient terminal length is available for a SWC a soldered conn. as described in par. 3.8 may be made. All conns on the terminal must be soldered (note 3)</p> <p>3. Soldering in ESS offices is generally prohibited-particularly on .025 sq terminals and 951A/963K connectors.</p>
 <p>RECTANGULAR WITH SHOULDER</p>	200, 207, & 208 WINDING TERMINALS		X	X	X	X	X	
 <p>EMBOSSED PUNCHED</p>	.009 to .010 MIC Terminals K Bar Switches .221 & SIMILAR TYPE RELAYS CONTACT TERMINALS 951A & 963K Connectors (REMREED)			X	X	X	X	
 <p>FLATTENED &amp; SERRATED</p>	AF, AG, AJ, TYPE RELAYS		X	X	X	X	X	
 <p>FLAT PUNCHED</p>	229, 230, 27, 28, 29, & CAGA TYPE TERMINAL STRIP	X	X	X	X	X	X	
 <p>SQUARE WIRE DRAWN</p>	217, 220, 251, 252, 256, 2, 28, 29, & 30 TYPE TERMINAL STRIP	X	X	X	X	X	X	
 <p>SQUARE WIRE DRAWN</p>	1A & Bellpac Technology, MLPWB Backplanes & Compliant Pins			X	X	X	X	