

BELL SYSTEM PRACTICES
Outside Plant Construction
and Maintenance

SECTION G34.303.1
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AT&T Co Standard

WIRE TERMINALS

DESCRIPTION OF 108 TYPE

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1. GENERAL

1.01 This section describes the 108 type wire terminals which are available for use with multiple line wires. They are 16-pair wire terminals and can be used to terminate or splice any 12- or 16-pair multiple line wire.

1.02 The 108A1-16 Wire Terminal supersedes the F-53126 Wire Terminal and the 108A1B-16 Wire Terminal supersedes the F-53127 Wire Terminal. Either of the 108 type wire terminals or the superseded F specification wire terminals can be reused if they are in satisfactory condition.

1.03 The insulation on the conductors should be removed before the conductors are terminated on the binding posts.

2. DESCRIPTION OF 108A1-16 WIRE TERMINAL

2.01 The 108A1-16 Wire Terminal is a 16-pair non-protected terminal mounted in an aluminum housing similar to that of an NH-16 Cable Terminal. It is equipped for mounting on an aerial cable or on the support wire of multiple line wire and it has an external ground clamp for bonding to the strand or support wire.

2.02 This terminal is similar to the F-53126 which it replaces, the only difference being that it has "108A1-16" stamped into the cover as shown in Fig. 1.

108A1-16 WIRE TERMINAL

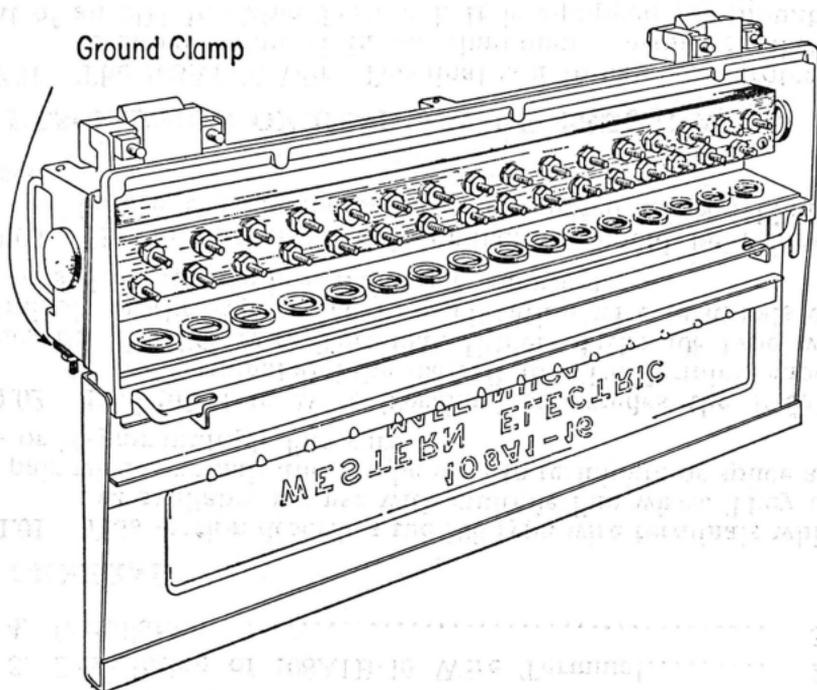


Fig. 1

2.03 When this terminal is to be mounted on a pole or cross-arm it is necessary to order a 45-A Bracket separately.

3. DESCRIPTION OF 108A1B-16 WIRE TERMINAL

3.01 The 108A1B-16 Wire Terminal is a 16-pair protected terminal equipped with thirty-two 2A1B (800-volt) Protector Units. It is mounted in an aluminum housing similar to that of an NH-16 Cable Terminal. It is equipped for mounting on an aerial cable or on the support wire of multiple line wire. It has an external ground clamp for bonding the terminal housing to the support wire, aerial cable suspension strand or the multigrounded neutral wire.

3.02 This terminal is similar to the F-53127 which it replaces, the only difference being that it has "108A1B-16" stamped into its cover as shown in Fig. 2.

108A1B-16 WIRE TERMINAL

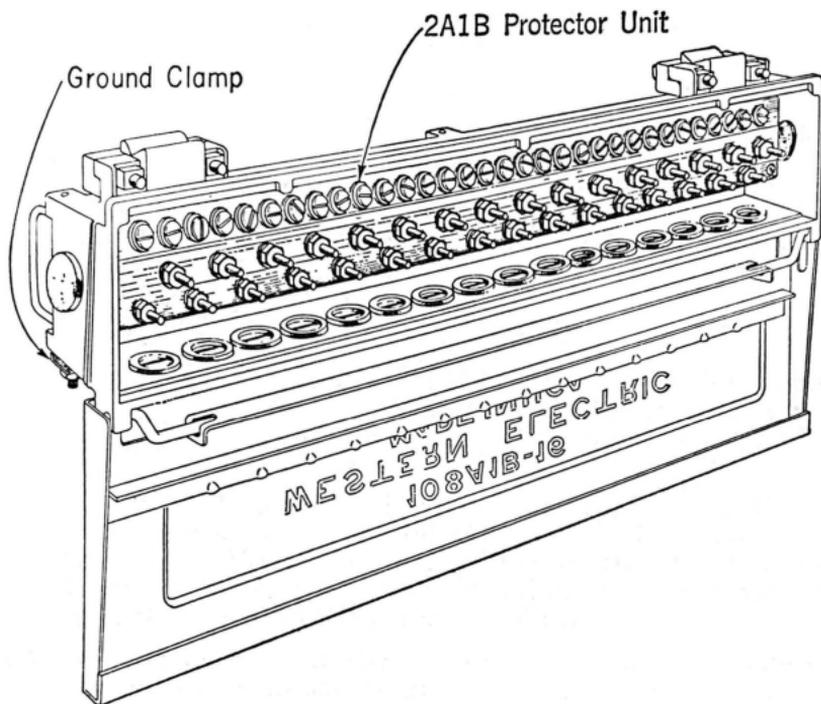


Fig. 2

3.03 When this terminal is to be mounted on a pole or crossarm it is necessary to order a 45-A Bracket separately.

4. INSTALLATION

4.01 The installation methods described in Section G34.302.2 for the F-53126 and F-53127 Wire Terminals should also be used for these terminals.

G34.303.1