

BELL SYSTEM PRACTICES
Outside Plant Construction
and Maintenance

SECTION G34.801.7
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AT&TCo Standard

C RURAL WIRE

DESCRIPTION OF 107 TYPE

WIRE TERMINAL

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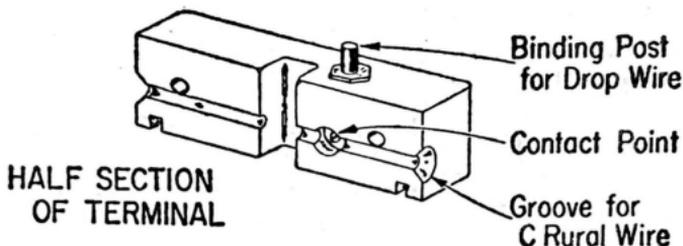
1. GENERAL

1.01 This section covers the description of the 107 type of wire terminal which is used to make line connections to C Rural Wire without removing the insulation. It can be used to connect bridle wire to C Rural Wire from its feeder facility such as cable, open wire, or multiple line wire. It can also be used to connect a subscriber drop wire or a 118 or 99 type protector to C Rural Wire.

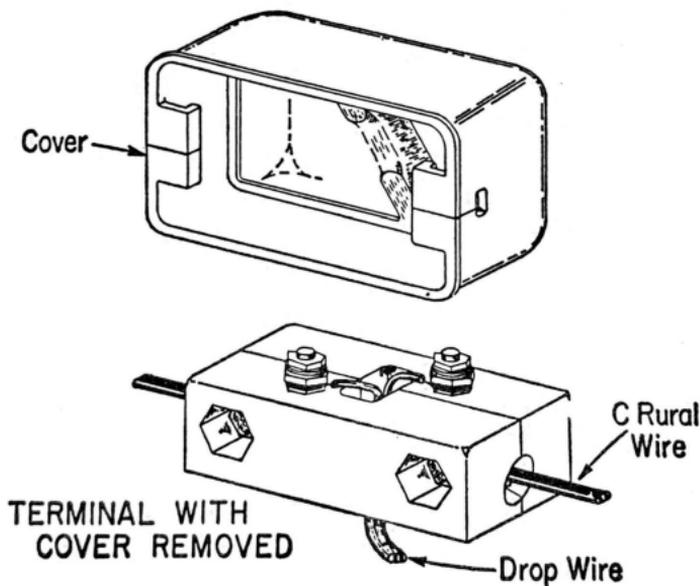
1.02 The installation of this terminal with C Rural Wire is covered in Section G34.801.8, C Rural Wire, Terminating.

2. DESCRIPTION OF 107A1 WIRE TERMINAL

2.01 The 107A1 Wire Terminal consists of a pair of molded phenolic terminal blocks, each equipped with a binding post which terminates in an insulation piercing contact point. A flexible neoprene cover and strips of sealing compound are provided with the terminal.



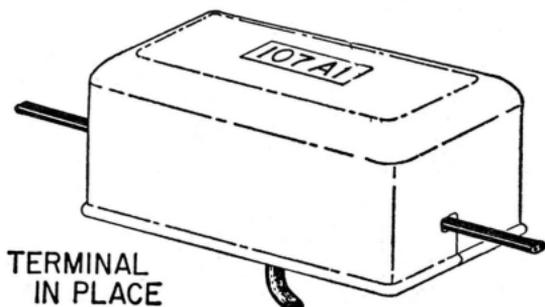
2.02 The terminal is installed by loosening the clamping bolts with the small end of a 216B Tool and placing the terminal over the C Rural Wire so the wire is in the groove between the blocks. The blocks are then squeezed together by hand, and the bolts are tightened with the small end of the 216B Tool.



2.03 The strips of sealing compound are placed around the wire at each end of the terminal block in the recessed portion of the wire groove.

2.04 Drop wire, bridle wire or leads from a protector are brought up from the bottom through the opening in the center of the terminal blocks and connected to the binding posts in the usual manner. There is room for two drop wires or their equivalent.

2.05 Place the cover over the terminal and push down into place. Be sure that the lip on the inside of the cover is brought down to the top face of the blocks, and that the locking projections are brought under the terminal and into the corresponding slots in the underside of the blocks. Be sure that the cover is fitted close around the C Rural Wire at each end.



3. REUSE OF TERMINAL

3.01 Any 107A1 Wire Terminals which are removed from plant should be returned to supply for inspection and repairs before they can be reused. Local Plant instruction should cover the return or other disposition of terminals which have been removed.