

BELL SYSTEM PRACTICES
Teletypewriter and Manual Telegraph
Station and P.B.X. Installation
and Maintenance

SECTION P35.463
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AT&T Co Standard

INSTALLATION OF 87467M 14-TYPE MONITORING TELETYPEWRITER RELAY SWITCHING MECHANISM

1. GENERAL

1.01 This section covers the installation of the 87467M assembly which is used for switching the No. 14 Monitoring Teletypewriter from polar to neutral operation and for operation in either 60 milliamperere or 20 milliamperere loops.

1.02 The section is reissued to specify the use of a relay per D-94954 when the arrangement for 60-20 mil operation is used.

2. PROCEDURE

2.01 Remove and discard the two 6746M front mounting screws and the front 6814M pilot screw of the keyboard transmitter assembly.

2.02 Fasten the switch bracket in front of the keyboard distributor assembly, using the old lock washers and the new 1026M mounting screws and the new 87464M pilot screw. The toggle switch terminals should be mounted with the terminals down.

2.03 Remove and discard the two 6746M line test key bracket mounting screws and fasten the new 87465M resistor bracket in place under the line test key, using the old lock washers and the new 1026M screws.

2.04 Put the 87466M cable in place to the left of the lower part of the transmitting contacts and to the right of the keyboard slip connectors and tie the cable to the 8504M slip connection posts.

2.05 Make wiring connections as shown on Fig. 1.

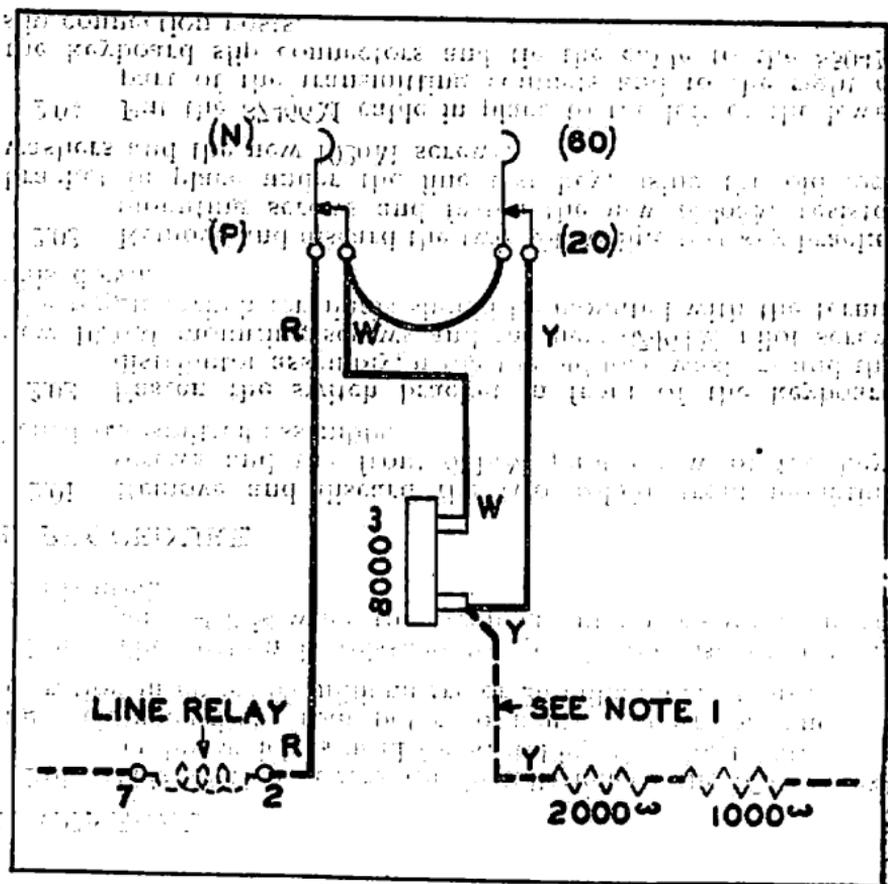


Fig. 1

Note 1—Remove this wire from the No. 2 terminal of the line relay and connect to the 8,000-ohm resistance.

Note 2—New wiring and apparatus is shown in solid lines and old wiring and apparatus in dotted lines.

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2.06 When only the polar-neutral switch is required omit Paragraph 2.03 and make wiring connections as shown on Fig. 2.

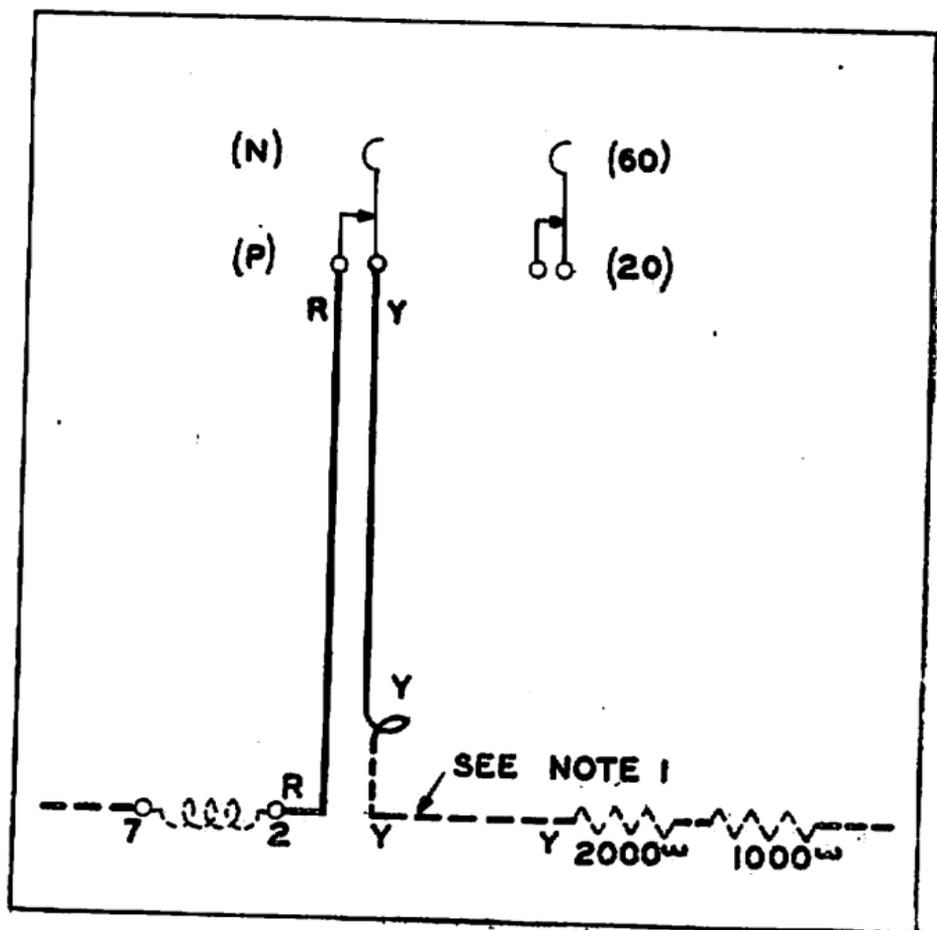


Fig. 2

Note 1—Remove this wire from the No. 2 terminal of the line relay and solder and tape to the yellow wire.

- 2.07 When only the 60-20 milliamperere switching arrangement is required use the wiring of Fig. 1 and add a short on the terminals of the polar-neutral switch.
- 2.08 When only the polar-neutral switch is required equip the teletypewriter with a 215A or a 255A relay.
- 2.09 When the 60-20 mil switch is used equip the teletypewriter with a relay per D-94954 (209 type relay with a special cover adapted to fit under the teletypewriter cover).