

INSTRUCTIONS FOR INSTALLING THE 99971 RESISTOR ASSEMBLY  
ON ALL-METAL 15 AND 26 TYPE PRINTER TABLES AND ALL-METAL  
PERFORATOR AND TRANSMITTER DISTRIBUTOR TABLES

The 99971 resistor assembly is intended for use on all-metal 15 and 26 type printer tables and on all-metal perforator and transmitter distributor tables when 110 volt 60 cycle governed motors are to be operated on 25 cycle power supply. This resistor assembly consists of the following parts:

- 1 Resistor Assembly
- 2 6810 Mounting Screws
- 2 35826 Washers
- 2 2382 Lock Washers
- 2 3/4-58 Nuts

Installation on All-Metal 15 and 26 Type Printer Tables

1. Mount the resistor assembly to the under side of the table shelf. To do this, remove the external power supply cord from its receptacle and disconnect the line wires from the terminal block. Remove all apparatus from the table and turn the table upside down.
  - (a) If the shelf is not provided with holes for mounting the resistor, proceed as follows: Place the resistor on the under side of the shelf with the flexible cable extending through the opening in the shelf. Position it parallel to the rear wall about 1-1/2" from the rear edge of the shelf with the end opposite the cable in contact with the table leg. Mark the location of the resistance mounting holes on the shelf and drill two holes using a #7 drill (.201").
  - (b) If mounting holes are already provided in the shelf, proceed as follows:
2. Secure the resistor assembly to the under side of the shelf, with the flexible cable extending through the opening in the shelf, by inserting the 6810 screws through the shelf from the top, adding the resistor, washers, lock washers, and nuts in the order named.
3. Remove the receptacle mounting plate screws from the box to which the power input cord is connected, and remove the receptacles from the box. Then remove the receptacle box from the rear surface of the table by taking out its mounting screws and nuts.
4. Route the flexible cable along the rear inner corner of the table to the top side of the outlet box just under the table top. Knock out the first slug in the top of the box and remount the receptacle box to the rear surface of the table. Thread the wires through the hole, insert the cable connector, and fasten it in place with its lock nut.

5. Remove the two wires connected to the lower right hand terminal of the right hand receptacle (looking at the table from the front with the table in its upright position), and remove the wire connected to the upper terminal of the left hand receptacle in the same receptacle box. Discard the strap connected between these terminals. Connect a resistor lead to the lower right hand terminal of the right hand receptacle.
6. Connect the other resistor lead and the ground lead to the upper terminal of the left hand receptacle.
7. Remount the receptacles, set the table upright, restore the external line and power connections to the table, and replace the apparatus previously removed.

#### Installation on All-Metal Perforator and Transmitter Distributor Tables

1. Mount the resistor assembly to the under side of the table shelf. To do this, remove the external power supply cord from its receptacle and disconnect the line wires from the terminal block. Remove all apparatus from the table and turn the table upside down.
  - (a) If the shelf is not provided with holes for mounting the resistor assembly, proceed as follows: Place the resistor assembly on the under side of the shelf with the flexible cable extending through the opening in the shelf. Position it parallel to and flush with the rear edge of the shelf so that the end of the resistor assembly opposite the cable end is approximately 4" from the right end of the shelf. Mark the location of the resistor assembly mounting holes on the shelf and drill two holes using a No. 7 drill (.201").
  - (b) If the mounting holes are already provided in the shelf, proceed as follows:
2. Secure the resistor assembly to the under side of the shelf, with the flexible cable extending through the opening in the shelf, by inserting the 6810 screws through the shelf from the top, adding the resistor, washer, lock washer, and nuts in the order named.
3. Remove the receptacle mounting plate screws from the box to which the power input cord is connected and remove the receptacle to the left of the fuse receptacle from the box. Then remove the receptacle box from the rear surface of the table by taking out its mounting screws and nuts.
4. Route the flexible cable along the rear inner corner of the table to the top side of the outlet box just under the table top. Knock out the first slug in the top of the box and remount the receptacle box to the rear surface of the table. Thread the wires through the hole, insert the cable connector, and fasten it in place with its lock nut.

5. From the upper terminal of the receptacle taken out, remove the black lead which goes to a transmitter distributor motor slip connection terminal (5th from the left), and splice and tape a resistor lead to the wire just removed.
6. Connect the other resistor lead to the upper terminal of the receptacle.
7. Remount the receptacle and the receptacle mounting plate, and set the table upright.
8. Restore the external line and power connections to the table, and replace the apparatus previously removed.