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BELL SYSTEM PRACTICES
Teletypewriter and Data Stations

SECTION P34.302 Issue 8, August, 1963 AT&TCo Standard

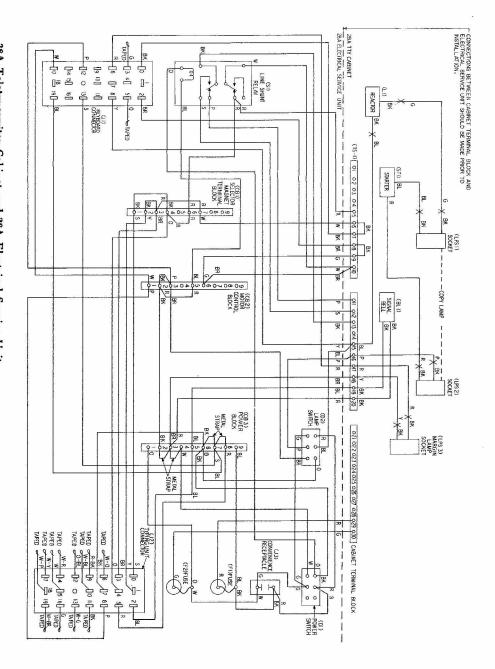
28KSR AND RO TELETYPEWRITER CABINETS AND ELECTRICAL SERVICE UNITS WIRING DIAGRAM

1. GENERAL

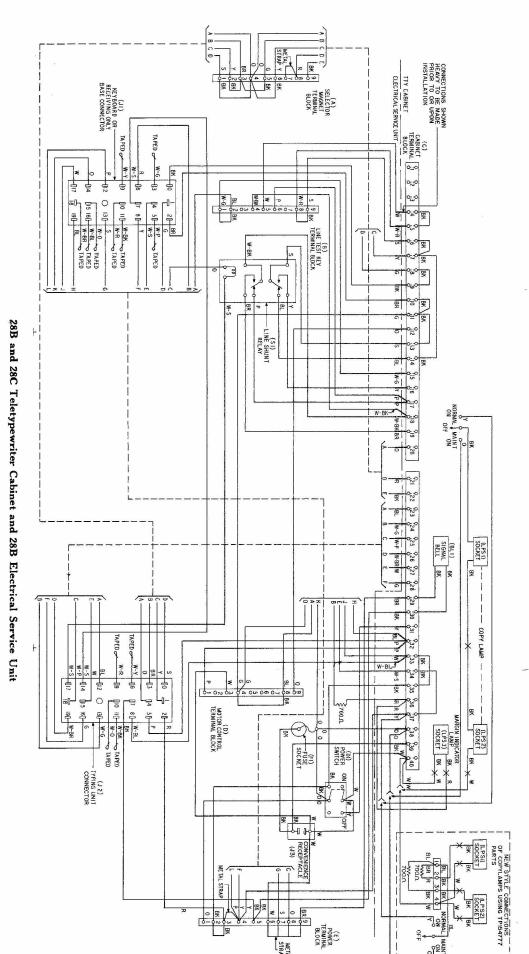
1.01 This section shows the wiring of the 28A, B, C, D, E, J, K, and L teletypewriter cabinets and the 28A, B, E, E-1 M, N, N-1, R, S, T, and W electrical service units for use with 28KSR and RO teletypewriters.

1.02 This section is reissued to incorporate the addendum and to add the wiring for the 28L teletypewriter cabinet and the T and W electrical service units.

28 KSR AND RO TTY
CABINETS AND
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SERVICE
Page 1 UNITS

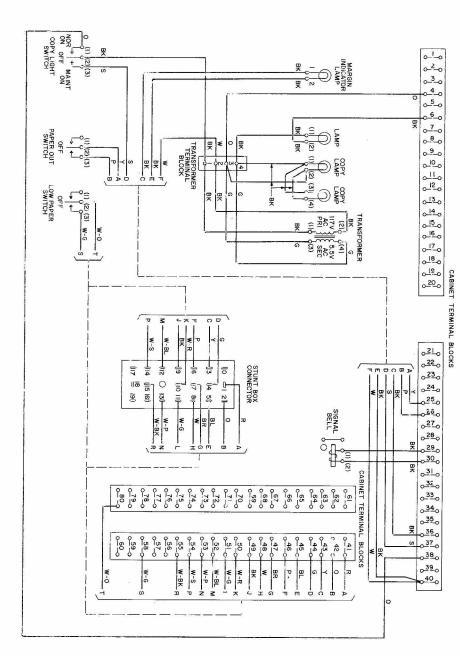


28A Teletypewriter Cabinet and 28A Electrical Service Unit



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Page 3 UNITS

28D and 28E Teletypewriter Cabinet and 28B Electrical Service Unit



28J Teletypewriter Cabinet

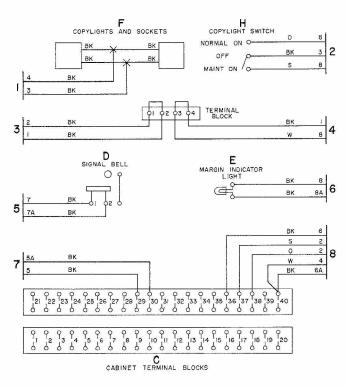
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SERVICE

P34.302 ELECTRICAL

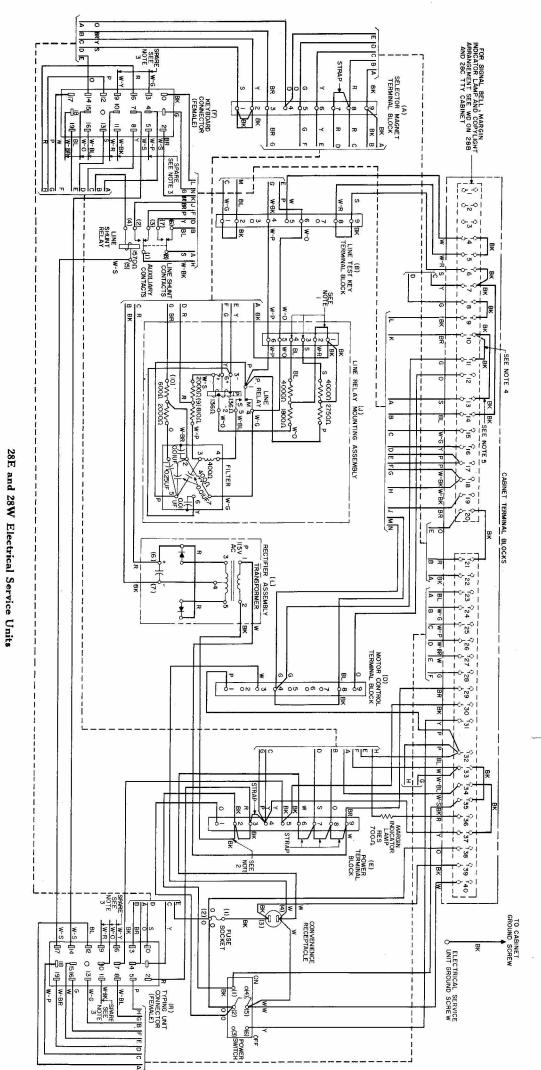
28 KSR AND RO TTY

CABINETS AND



NOTE: I. CABINET POWER CIRCUIT WIRED FOR 48 VOLT DC.

28K Teletypewriter Cabinet



28 KSR AND RO TTY
CABINETS AND
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Page 7 UNITS

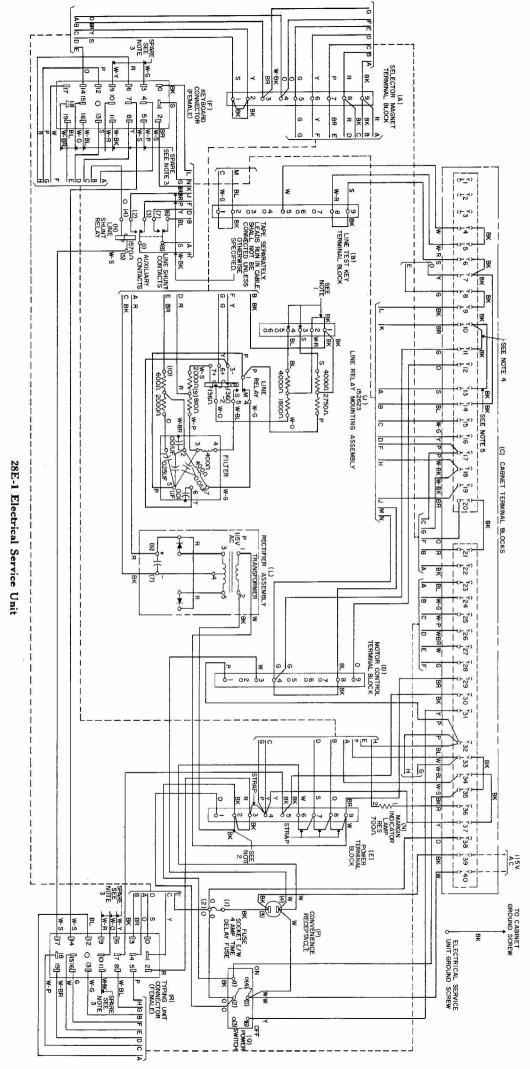
NOTES:

I. CIRCUITS SHOWN FOR 0.060 AMP NEUTRAL SIGNAL LINE OPERATION, FOR 0.020 AMP OPERATION, REMOVE AND ADD CONNECTIONS AS TABULATED BELOW:

SIGNAL LINE CURRENT	0.020 AMP
CONNECTION REMOVED	JI- J2
CONNECTIONS ADDED	J3-J4

- RECTIFIER SHOWN CONTROLLED BY POWER SWITCH FOR CONTINUOUS OPERATION, REMOVE L2 BLK LEAD FROM E-2 TERMINAL AND CONNECT TO E-1 TERMINAL.
- THE SPARE LEADS FROM THE KEYBOARD AND TYPING UNIT CONNECTORS ARE TERMINATED IN THE RIGHT AND LEFT ENDS OF THE ELECTRICAL SERVICE UNIT RESPECTIVELY.
- 4. FOR RECEIVING ONLY BASES! CONNECT C-10 TO C-11.
- 5. FOR KEYBOARD OPERATION: C-13 TERMINAL MAY BE CONNECTED TO EITHER C-9, C-10, C-11 OR C-15 TERMINAL TO OBTAIN DESIRED SHUNTING OF THE SIGNAL LINE CIRCUIT.
- THE 28W ELECTRICAL SERVICE UNIT IS THE SAME AS THE 28E ELECTRICAL SERVICE UNIT EXCEPT THAT IT IS EQUIPPED WITH AN ELECTRONIC MAGNET DRIVER INSTEAD OF A LINE RELAY MOUNTING ASSEMBLY AND RECTIFIER. SEE SPECIFICATION 50.042S.

28E and 28W Electrical Service Units



28 KSR AND RO TTY
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SERVICE
Page 9 UNITS

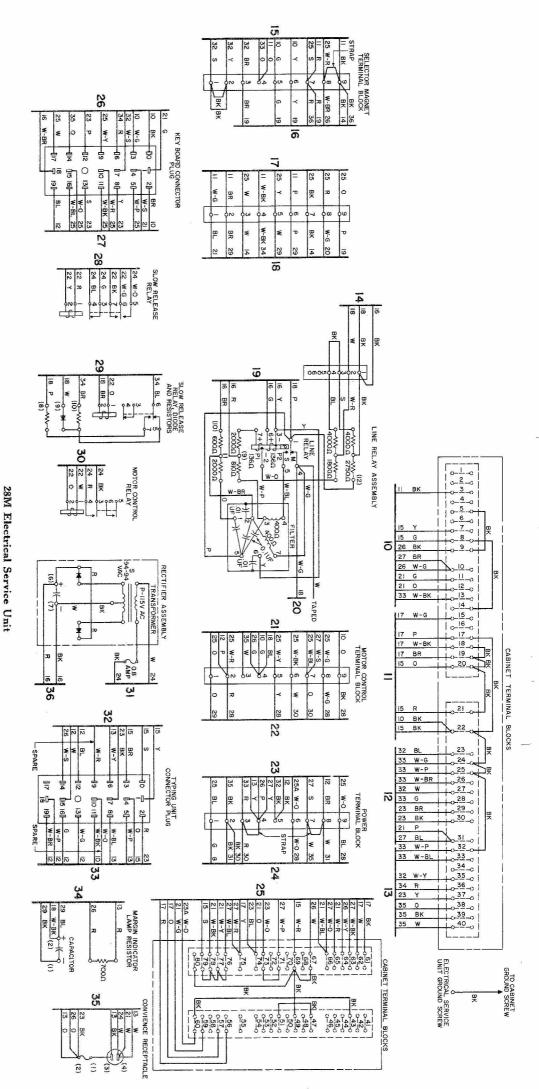
28E-I ELECTRICAL SERVICE UNIT

NOTES:

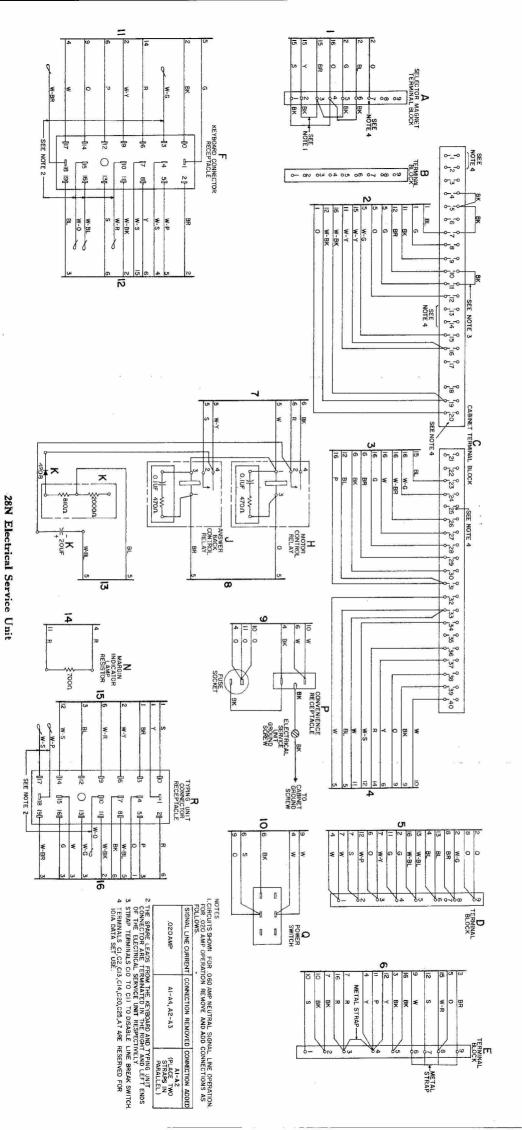
 CIRCUITS SHOWN FOR 0.060 AMP NEUTRAL SIGNAL LINE OPERATION. FOR 0.020 AMP OPERATION REMOVE AND ADD CONNECTIONS AS TABULATED BELOW:

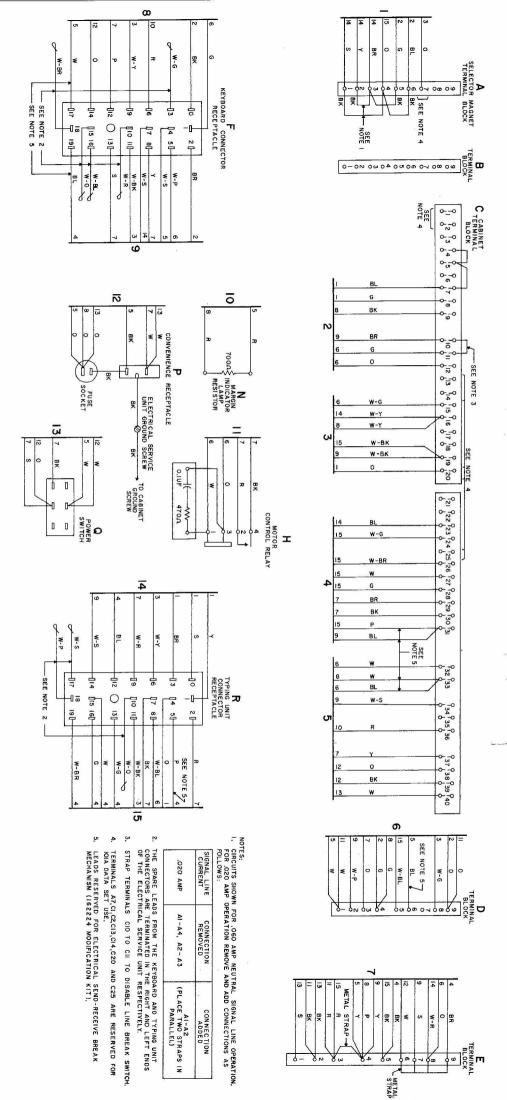
SIGNAL LINE CURRENT	0.020 AMP
CONNECTION REMOVED	J1-J2
CONNECTION ADDED	J3-J4

- RECTIFIER SHOWN CONTROLLED BY POWER SWITCH. FOR CONTINUOUS OPERATION, REMOVE LEAD L-2-BK FROM TERMINAL E2 AND CONNECT TO TERMINAL E1.
- THE SPARE LEADS FROM THE KEYBOARD AND TYPING UNIT CONNECTOR PLUGS ARE TERMINATED IN THE RIGHT AND LEFT ENDS OF THE ELECTRICAL SERVICE UNIT RESPECTIVELY.
- 4. FOR RECEIVING ONLY BASES: CONNECT C-10 TO C-11.
- FOR KEYBOARD OPERATION: TERMINAL C-13 MAY BE CONNECTED TO EITHER TERMINAL C-9, C-10, C-11, OR C-15 TO OBTAIN DESIRED SHUNTING OF THE SIGNAL LINE CIRCUIT.



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CABINETS AND UNITS

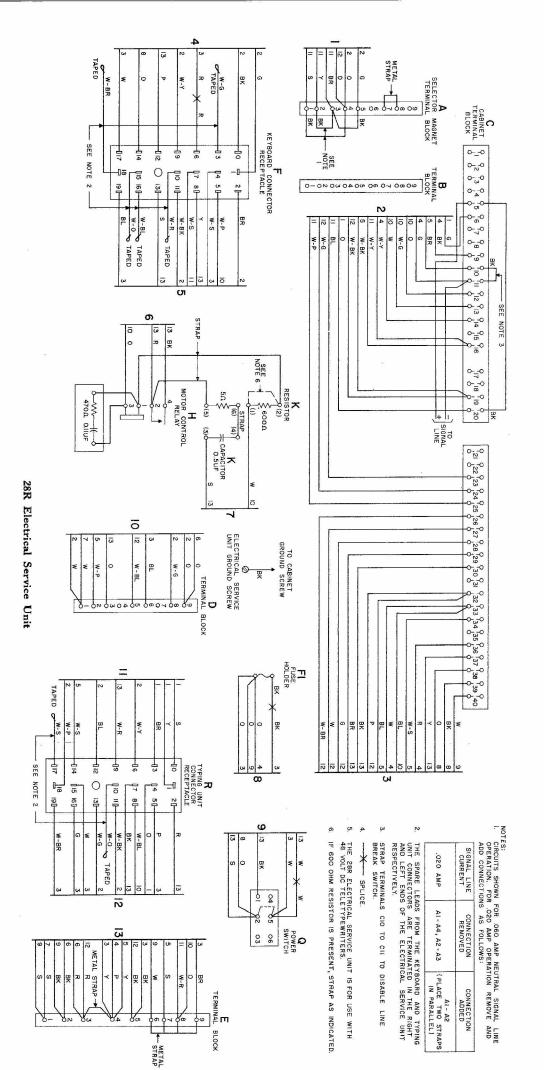


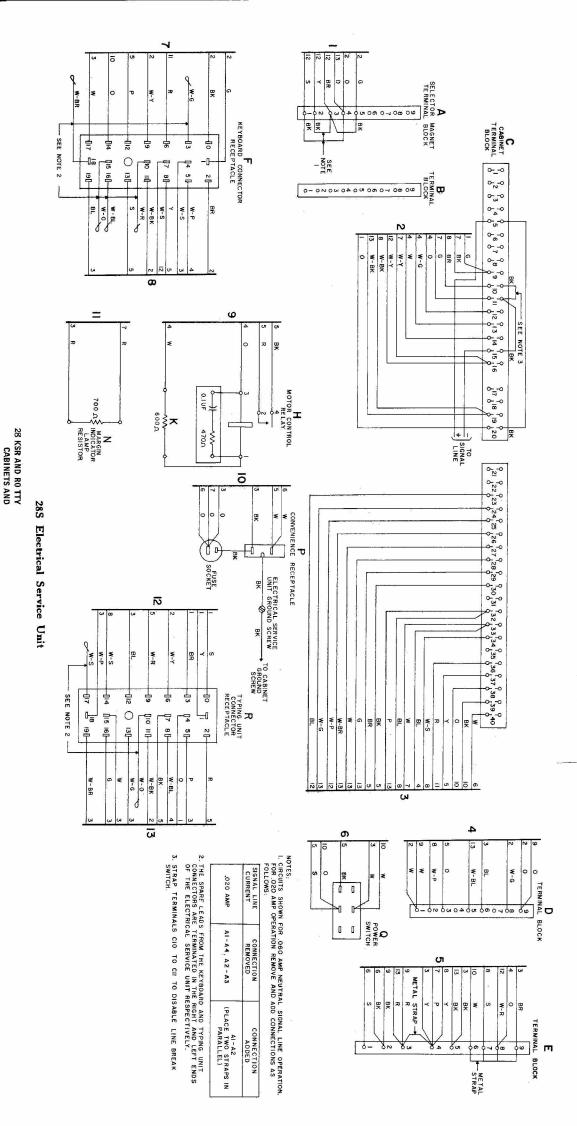


28N-1 Electrical Service Unit

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P34.302 ELECTRICAL

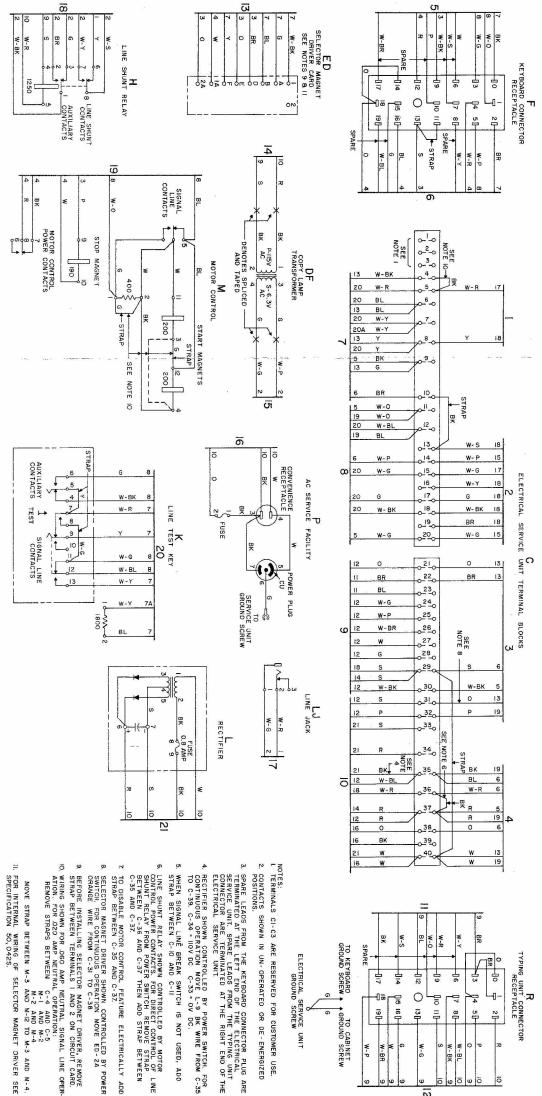
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SERVICE UNITS

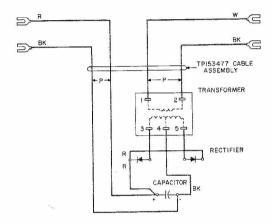
W-BL W-BK

₩-G

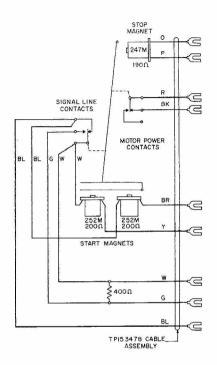
W-P W-BR



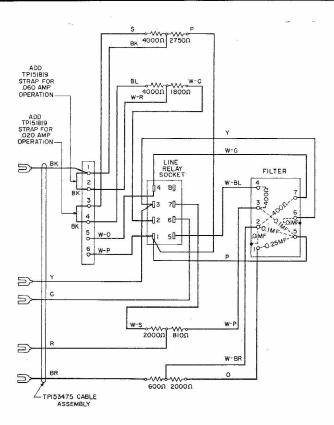
28T Electrical Service Unit with 28L Teletypewriter Cabinet



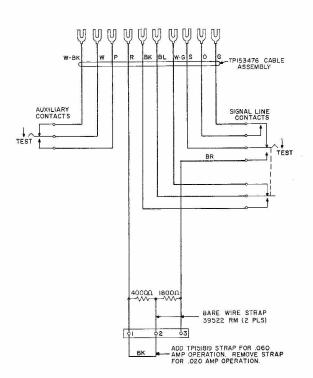
TP152950 Rectifier Assembly (120 Mil Output)



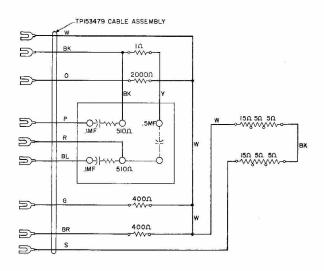
TP153251 Electrical Motor Control Assembly



TP152623 Line Relay Mounting Assembly



TP152625 Line-Test Key Assembly



TP152624 Capacitor Resistor Assembly

28 KSR AND RO TTY
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21 Pages
UNITS