

BELL SYSTEM PRACTICES
Teletypewriter and Data Stations

SECTION P34.318
Issue 4, February, 1962
AT&TCo Standard

28G AND G-1

ELECTRICAL SERVICE UNITS

WIRING DIAGRAM

1. GENERAL

1.01 This section shows the wiring of the 28G and G-1 electrical service units for use with the 28G cabinet used with the 28 automatic send-receive set.

1.02 This section is reissued to revise the wiring for the 28G electrical service unit. The fuse, formerly connected to the secondary side of the transformer, now connects to the primary side of the transformer (part of the rectifier assembly).

28G ELECTRICAL SERVICE UNIT

NOTES:

1. CIRCUITS SHOWN FOR .060 AMP NEUTRAL SIGNAL LINE OPERATION. FOR .020 AMP OPERATION REMOVE AND ADD CONNECTIONS AS TABULATED BELOW:

SIGNAL LINE CURRENT	.020 AMP
CONNECTION REMOVED	K1-K2, J1-J2
CONNECTIONS ADDED	J3-J4

2. THE SPARE LEADS FROM THE KEYBOARD AND TRANSMITTER DISTRIBUTOR UNITS CONNECTORS ARE TERMINATED IN THE RIGHT END OF THE ELECTRICAL SERVICE UNIT. THE SPARE LEADS FROM THE TYPING UNIT CONNECTOR ARE TERMINATED IN THE LEFT END OF THE ELECTRICAL SERVICE UNIT.
3. TO PREVENT SLOW RELEASE RELAY FROM OPERATING, REMOVE STRAP CONNECTING T-3, T-4 AND T-5,
4. SPARE LEADS FROM F-18 AND U-18 ARE RESERVED FOR POLAR OPERATION OF KEYBOARD AND TRANSMITTER DISTRIBUTOR SIGNAL GENERATORS.
5. ELECTRICAL SERVICE UNIT AND CABINET ARE SHOWN WIRED FOR OPERATION OF START MAGNET OF 28E OR 28H TRANSMITTER DISTRIBUTOR ON AC. WHEN 120 VOLTS DC IS TO BE USED WIRE AS FOLLOWS:

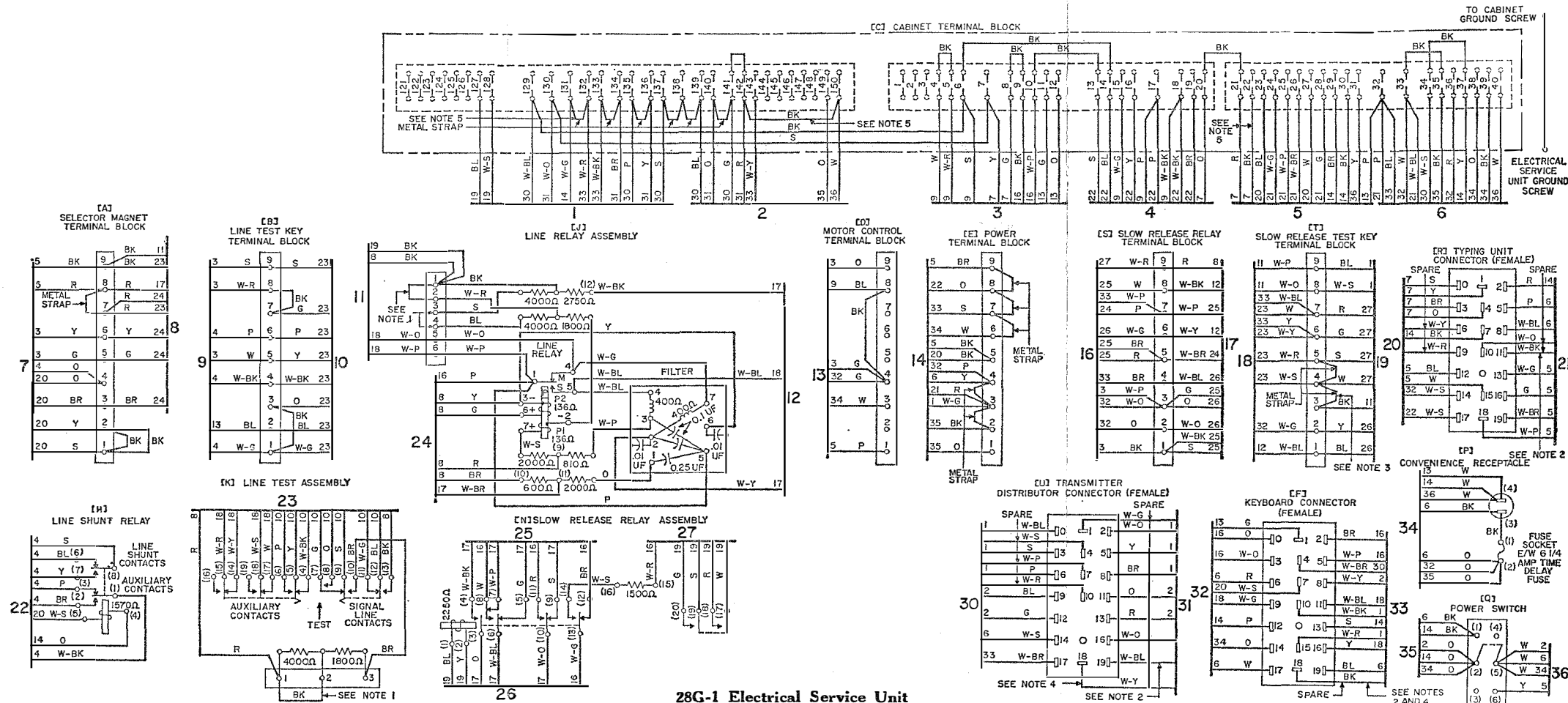
OMIT C-131 TO C-132
C-142 TO C-150

ADD C-21 TO C-142
C-22 TO C-132

IF A 28F OR 28G TRANSMITTER DISTRIBUTOR UNIT IS INSTALLED ALSO ADD:

C-83* TO C-132
C-82* TO C-142

*C-82 AND C-83 ARE SHOWN ON 28F AND 28G TRANSMITTER DISTRIBUTOR HOUSING DRAWING.



28G-1 Electrical Service Unit

28G-1 ELECTRICAL SERVICE UNIT

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CONNECTION REMOVED	K1-K2, J1-J2
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2. THE SPARE LEADS FROM THE KEYBOARD AND TRANSMITTER DISTRIBUTOR UNITS CONNECTORS ARE TERMINATED IN THE RIGHT END OF THE ELECTRICAL SERVICE UNIT. THE SPARE LEADS FROM THE TYPING UNIT CONNECTOR ARE TERMINATED IN THE LEFT END OF THE ELECTRICAL SERVICE UNIT.
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