

FIG. 4 (A&M ONLY)
RELAYS FOR LINE CKT. ARRANGED FOR LOOP START

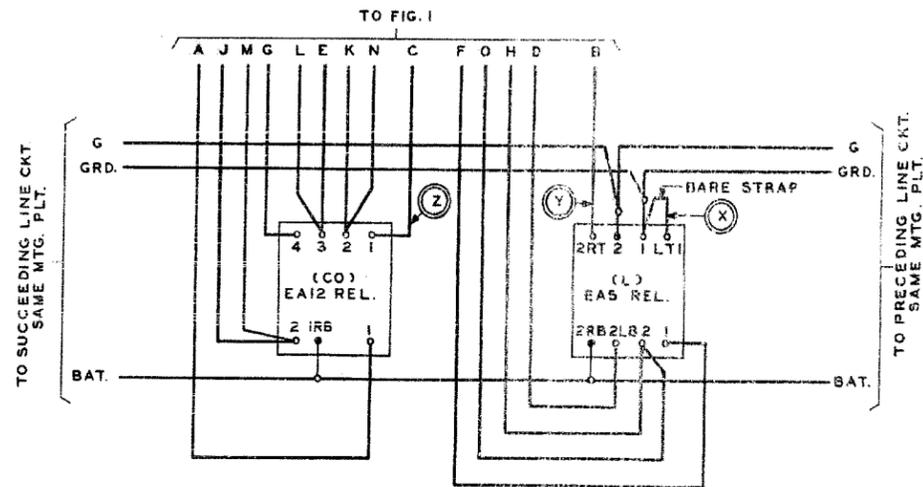


FIG. 2 (MFR. DISC.)
RELAYS FOR LINE CKT. ARRANGED FOR LOOP START

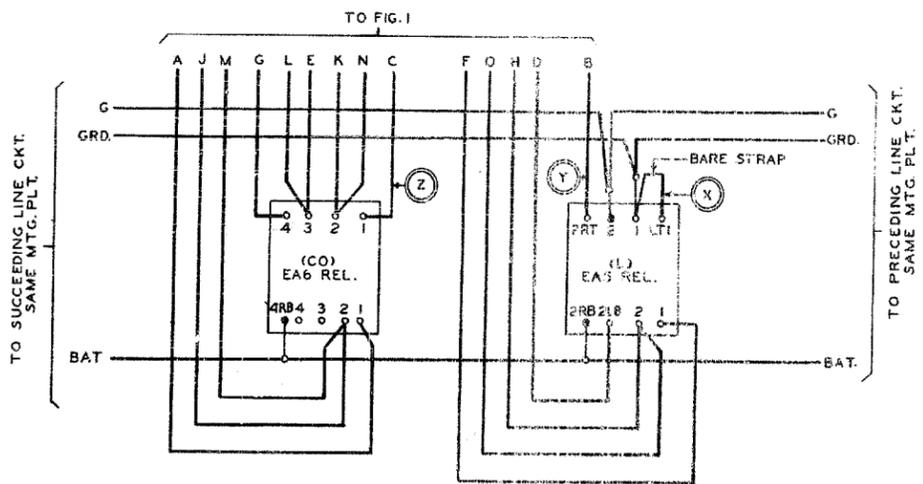


FIG. 2-A
BATTERY, GROUND AND GROUP LEADS FOR LINE CIRCUITS SHOWN IN FIG. 2 OR FIG. 4

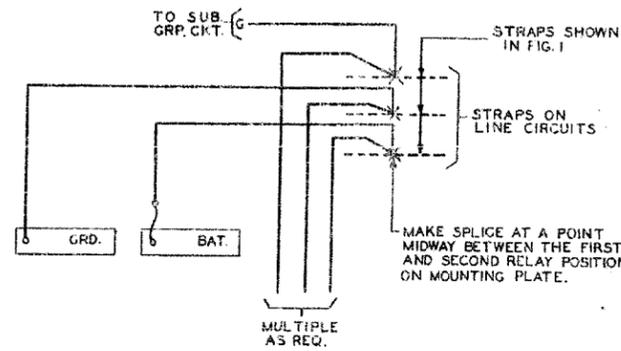
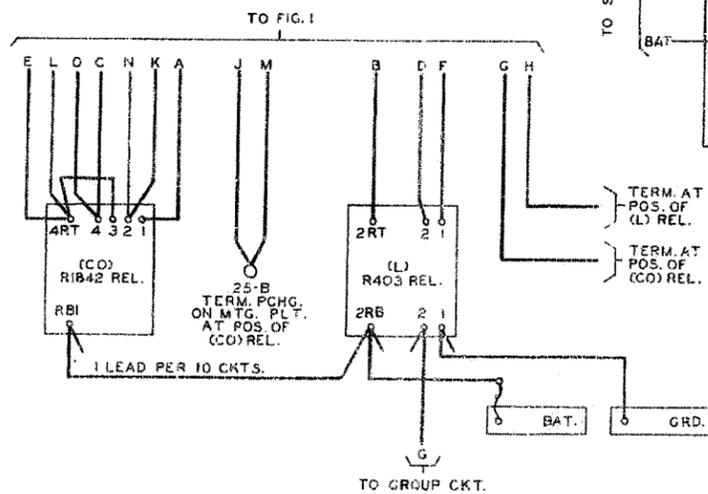


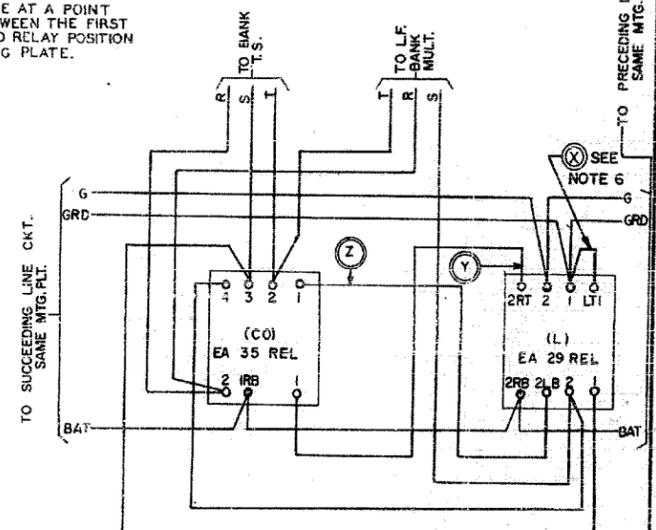
FIG. 3
RELAYS ARRANGED FOR GROUND START ON TIP



- MANUFACTURING NOTES:
1. USE FIGURES 1, 2 AND 2A FOR REGULAR LINES.
 2. USE FIGURES 1 AND 3 FOR MANUAL PREPAYMENT COIN LINES.
 3. TO CONVERT FIG. 2 "MFR. DISC.", FIG. 4 "A&M ONLY" OR FIG. 5 FOR USE WITH LINE CKT. ARRANGED FOR GROUND START ON THE RING: REMOVE STRAP (X) REMOVE LEAD (Y) FROM 2RT OF (L) RELAY, REPLACING IT ON LTI OF (L) RELAY; AND REMOVE (Z) LEAD FROM IT OF (CO) RELAY REPLACING IT ON 2RT OF (L) RELAY.
 4. UNLESS OTHERWISE SPECIFIED STRAPS SHALL BE RUN WITHOUT BENDS WHEN FIG. 2 "MFR. DISC." OR FIG. 4 "A&M ONLY" IS USED.
 5. FIG. 5 SHALL EMPLOY SURFACE WIRING.
 6. (X) WRG. STRAP SHALL BE LAST CONNECTION MADE TO FACILITATE EASY REMOVAL WHEN LINE CKT. IS ARRANGED FOR GRD START AS INDICATED IN NOTE 3.

DWG. ISS.	REV. OR CD. ISSUE	DATE ISSUED	APPROVED
1	1	9-23-49	R.L.L.
2D	2D	11-23-49	R.L.L.
3B	3B	1-24-49	R.L.L.
4D	4D	2-28-49	R.L.L.
5D	5D	11-9-54	R.L.L.

FIG. 5
RELAYS FOR LINE CKT. ARRANGED FOR LOOP START



REPLACING ED-31531-01 EXCEPT FOR ADDITIONS

ED-32133-01

AT&TCO
STANDARD

STEP BY STEP SYSTEMS
METHOD OF WIRING LINE CIRCUITS

ED-32133-01

BELL TELEPHONE LABORATORIES, INC.

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