

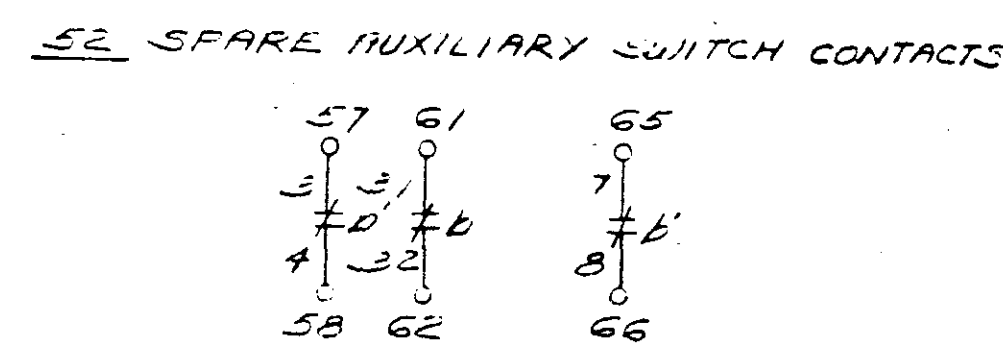
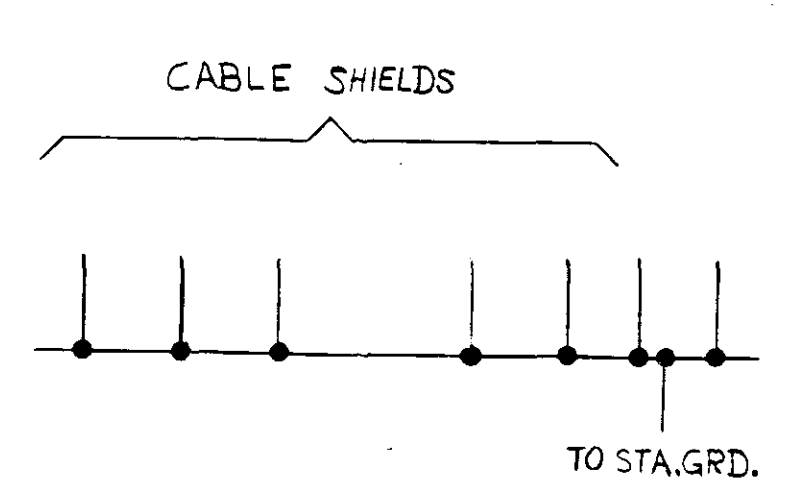
BR-B TRANSFORMERS

NOMINAL RATINGS AND TURNS		
TAPS	120V/5A	200V/5A
X2X3	20	160
X1X2	40	80
X1X3	60	240
X4X5	80	100
X3X4	100	60
X2X4	120	220
X1X4	160	300
X3X5	180	160
X2X5	200	320
X1X5	240	400

BREAKER IS SHIPPED WITH U.C.T.'S SHORT CIRCUITED AT TERMINAL BOARDS. REMOVE AT INSTALLATION.

CUSTOMER TO SELECT PROPER TAPS BY CHANGING BUDDER LEADS AND/OR GROUND JUMPERS.

FACTORY TO LEAVE AMPLE SLACK IN BUDDER LEADS AND GROUND JUMPERS (COIL SHAPED) TO REACH ANY POINT ON TERMINAL BOARD.



- AUXILIARY SWITCH SETTINGS**
- CONTACT OPENS BEFORE 1/4 OF OPENING STROKE OF O.C.B.
 - CONTACT REMAINS CLOSED FOR 40% OF CLOSING STROKE OF O.C.B.
 - CONTACT DOES NOT OPEN BEFORE 60% OF OPENING STROKE OF O.C.B.
 - CONTACT CLOSING RESPONSE 2/3 OF OPENING STROKE OF O.C.B.
 - CONTACT CLOSING AFTER 90% OF CLOSING STROKE OF O.C.B.
 - CONTACTS DO NOT OVERLAP

- ABBREVIATIONS**
- BAT MOTOR FUSED DISCONNECT SWITCH
 - 3AS CONVENIENCE OUTLET AND ILLUMINATING LAMP FUSED DISCONNECT SWITCH
 - 8AW HEATER POWER FUSED DISCONNECT SWITCH
 - 9AR LIGHT SWITCH
 - +4 MOTOR STARTING DEVICE
 - 52 OIL CIRCUIT BREAKER
 - Q NORMALLY OPEN AUXILIARY SWITCH OPEN WHEN BREAKER IS OPEN
 - E NORMALLY CLOSED AUXILIARY SWITCH CLOSED WHEN BREAKER IS OPEN
 - CC CLOSING COIL
 - CCX CLOSING COIL AUXILIARY CONTACT
 - CS CONTROL SWITCH
 - L LATCH CHECKING SWITCH
 - M SPRING CHARGING MOTOR
 - W SPRING CUT OFF SWITCH
 - SCO TRIP COIL
 - TC TRIP COIL
 - X AUXILIARY RELAY
 - 69 HAND TRIP AND LOCK OUT DEVICE (HAND RESET TO CLOSE)
 - 79X AUXILIARY RECLOSING RELAY, FOR ADJUSTING RECLOSING DELAY. 3 TO 120 CYCLE TIME DELAY
 - PICK-UP RANGE
 - CU TU COPPER TUBE
 - DS DISCONNECT SWITCH
 - FU FUSE
 - GIL GREEN INDICATING LAMP
 - HTR HEATER
 - PD PROTECTIVE DEVICE
 - RES RESISTOR
 - RIL RED INDICATING LAMP
 - TB TERMINAL BOARD
- DEVICES MOUNTED AND VIEWED FROM REAR OF PANEL
- ± STATES TYPE "NT" TERMINAL BOARDS WITH INDIVIDUAL RED MARKING TAGS MOUNTED IN MECHANISM HOUSE. LINK SLIDES CLOSED IN DIRECTION INDICATED BY ARROW.
- ⊕ STATES TYPE "NT" DISCONNECTING LINK TERMINAL BOARDS, LINK SLIDES CLOSED IN DIRECTION INDICATED BY ARROW.

NOTE: THE DRAWINGS (DLB 1-6) DO NOT COVER THE SAME EQUIPMENT AND ARE ISSUED TO CUSTOMERS AS A REFERENCE FOR CONTENT ONLY.

EXAMPLE DRAWING FOR CUSTOMER OWNED GENERATION WIRING DIAGRAM

PENNSYLVANIA POWER & LIGHT COMPANY

DLB-3

ER-
ER-
SCALE-
DATE-
DRAWN-
CHECKED-
LEADER-
APPRD-
APPRD-

NO DATE ER REVISION BY CH. APPROVED