

1. GENERAL

1.1 Switchboard S50, K59 is a 50 line, non-extensible, register type exchange for operation on 24 volts.

1.2 It is wired for 50 line circuits, 7 connectors and 2 registers. It is supplied equipped with 30 line circuits, 4 connectors and 2 registers.

1.3 Post Office type approval for this equipment for use in conjunction with "private circuits rented without Post Office terminal equipment" has been granted. See Appendix 2 for full information.

2. DIMENSIONS

Height: 5'6 $\frac{1}{4}$ ". Width: 2'6 $\frac{1}{2}$ ". Depth: 1'0 $\frac{3}{4}$ "

3. WEIGHT

375 lbs. (approx.) as supplied.

420 lbs. (approx.) fully equipped.

4. DETAILS OF ALLOCATED & SPARE POSITIONS ON RELAY MOUNTING PLATES

(Switchboard viewed from front)

4.1 To the right of the start relay AS are positions for preference resistors for four preference lines, two (R1 and R2) in the upper and two (R3 and R4) in the lower relay mounting position. The wiring for these resistors is provided on the switchboard.

4.2 Below AS relay is one spare unallocated relay position. To the right of the preference resistor positions are six spare relay mounting positions; of these the four extreme right-hand positions (two upper and two lower) are allocated for Telemike.

4.3 The unallocated spare relay positions may be used for auxiliary line relays for Keysender working, etc.

5. DETAILS OF UNEQUIPPED POSITIONS IN CONNECTOR AND REGISTER SETS

5.1 Connectors:- The two bottom left-hand relay mounting positions are allocated for relays EP (upper) and DR (lower) required for the Discriminating Ringing facility. Wiring is not provided for these relays.

5.2 Registers:- The two bottom relay mounting positions are allocated as follows:-

Left-hand - Relay TB required for the Staff Call - Restricted Access facility.

Right-hand - Relay PF required for the preference access to Tie Lines.

Wiring is provided for both relays.

6. NUMBERING OF RELAY SETS

6.1 Each relay set bears two ivory labels. The one at the lower left-hand corner of the set is engraved with the number of the position occupied by that set on the shelf. The one fitted centrally on the cover is engraved with the function and number of the set itself.

7. FUSES

7.1 The fuse panel and fuses are of the alarm type, but the alarm facility itself is not used.

7.2 On spare positions the spot filling may not necessarily indicate the correct rating since this would depend on the use to which the fuse position is put.

7.3 There are five spare fuse positions, three of which are equipped with 1.5 amp fuses and two with 3 amp fuses.