OFFSET MHO RELAY

Type CEB13C

OM$_{1-2}$=TOP UNIT   X$_{1-2}$=TOP TRANSACTOR

OM$_{2-3}$=MIDDLE UNIT   X$_{2-3}$=MIDDLE TRANSACTOR

OM$_{3-1}$=BOTTOM UNIT   X$_{3-1}$=BOTTOM TRANSACTOR

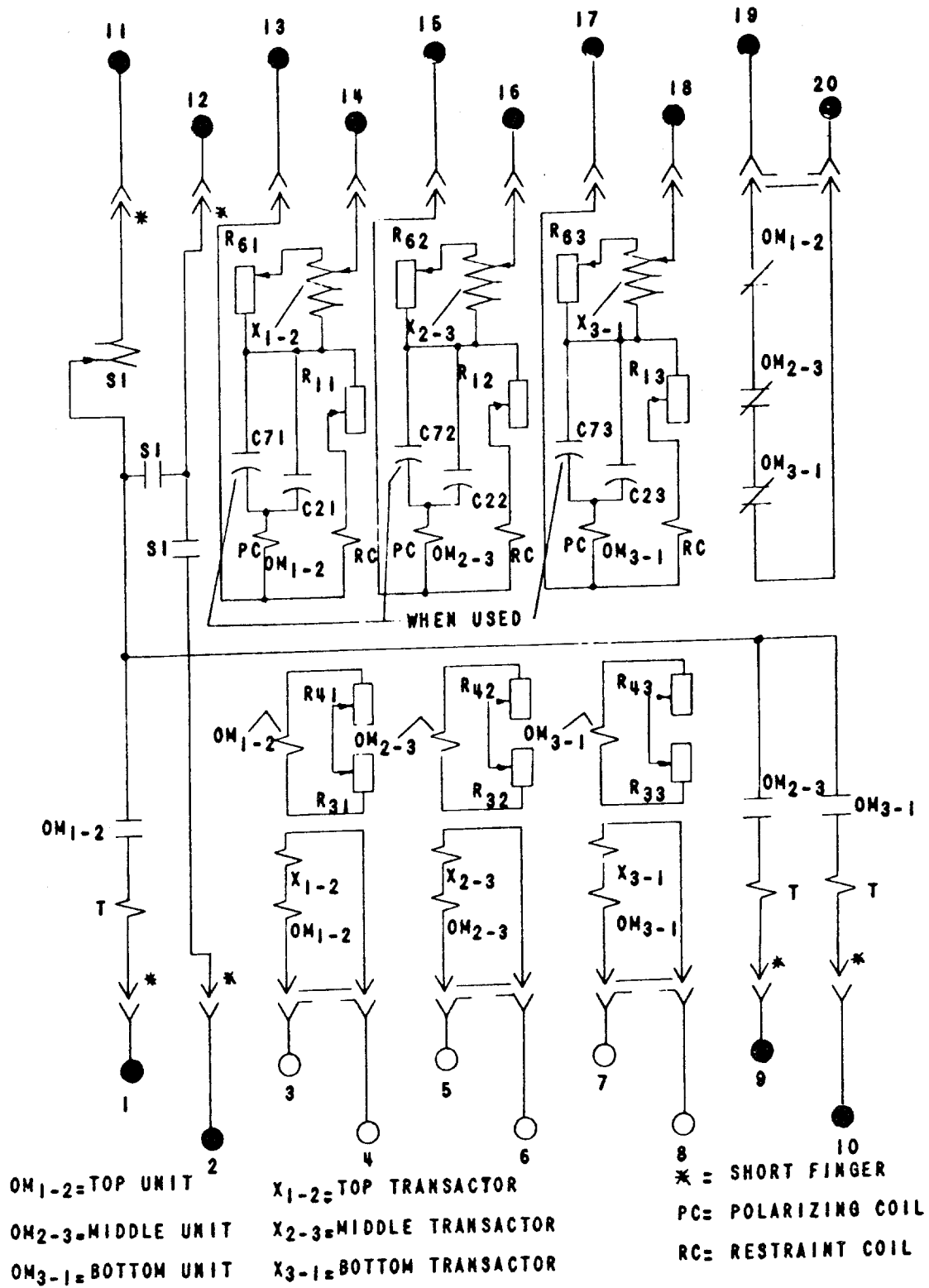* = SHORT FINGER

PC= POLARIZING COIL

RC= RESTRAINT COIL

Fig. 1   Internal Connections For Type CEB13C Relay

OFFSET MHO RELAY

TYPE CEB13C

INTRODUCTION

These instructions supplement instruction book GEI-31086. The combination of the two form instructions for the Type CEB13C relay.

The Type CEB13C relay is similar to the Type CEB13B relay except that in each phase the mho units current coils and the transactor coils are connected in series.

APPLICATION

The Type CEB13C relay is to be connected to the low-side (delta-side) current and potential, but it is to respond as if connected to high-side CT's and PT's.

A typical external diagram for the CEB13C, Fig. 2, shows an auxiliary potential transformer supplying the potential circuits. The auxiliary transformer is necessary to provide the equivalent of high-tension phase-to-phase voltages for the relay as there is a wye-delta transformation between the high-tension and the low-tension sides. We suggest that the YT-1557-M auxiliary transformer be supplied.

RATINGS

Type CEB13C relays are available in both 50 and 60 cycle ratings of 5 amperes, 115 volts.

INSTALLATION

The outline and panel drilling dimensions are shown in Fig. 9 of the included instructions. The internal connections are shown in Fig. 1 of this supplement.
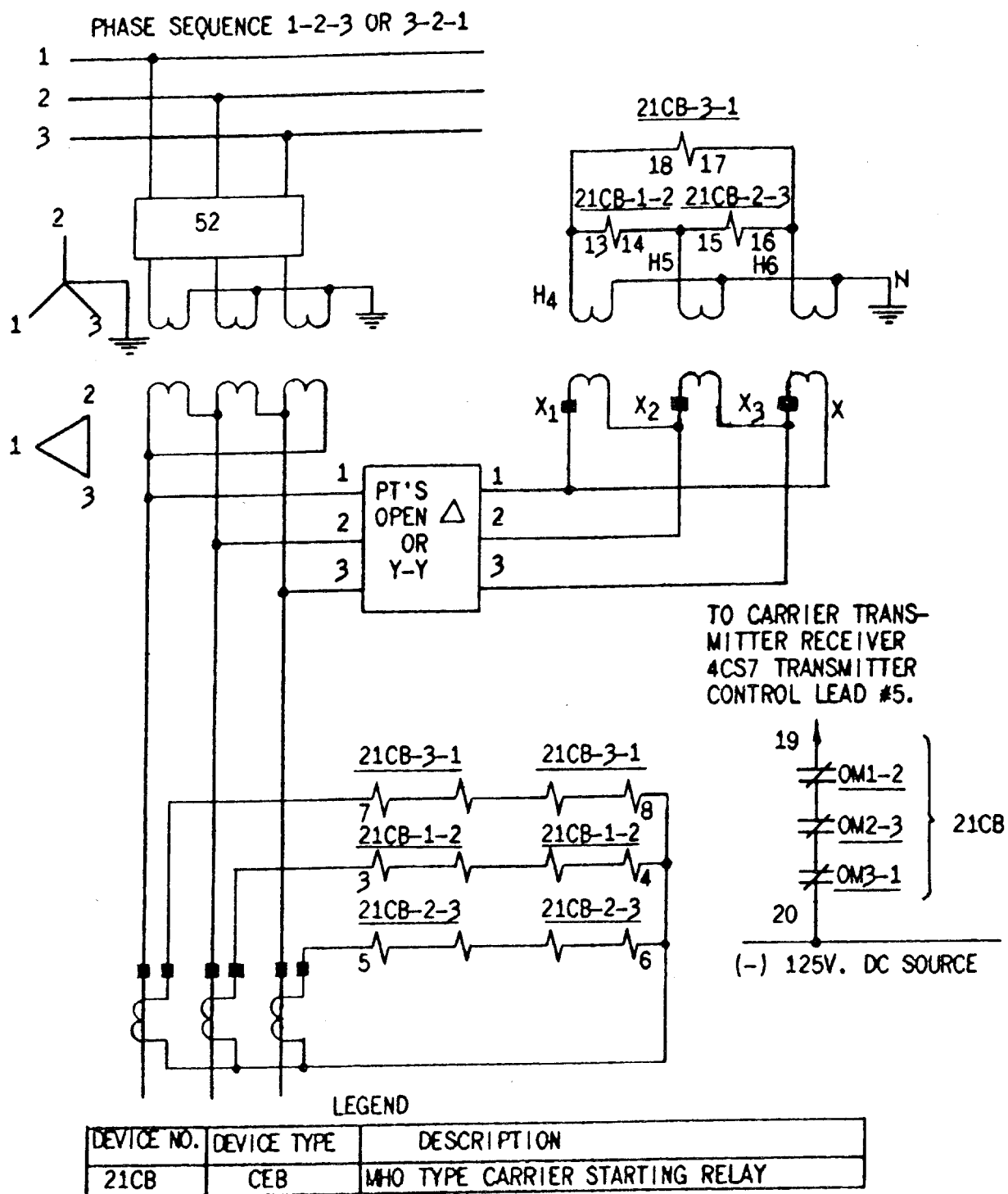
Fig. 2   External Connections Of Type CEB13C Relay For Carrier Starting