



**INSTRUCTIONS**

**GEI-44227**

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# **OFFSET MHO RELAY**

**Type CEB13C**

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**POWER SYSTEMS MANAGEMENT DEPARTMENT**

**A**

**GENERAL  ELECTRIC**

GEI-44227 Offset MHO Relay Type CEB13C

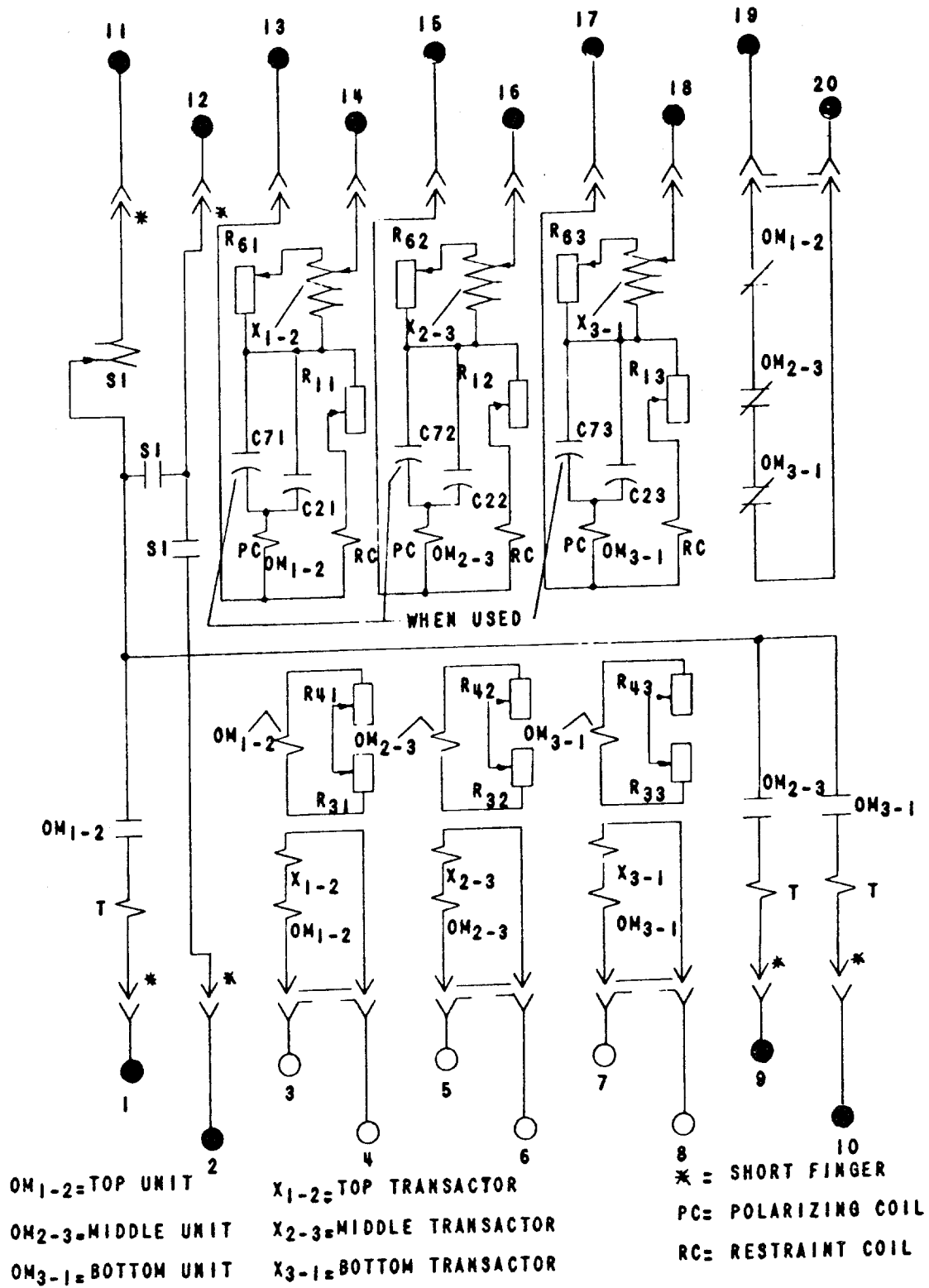


Fig. 1 Internal Connections For Type CEB13C Relay

## 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.

*These instructions do not purport to cover all details or variations in equipment nor to provide for every possible contingency to be met in connection with installation, operation or maintenance. Should further information be desired or should particular problems arise which are not covered sufficiently for the purchaser's purposes, the matter should be referred to the General Electric Company.*

*To the extent required the products described herein meet applicable ANSI, IEEE and NEMA standards; but no such assurance is given with respect to local codes and ordinances because they vary greatly.*

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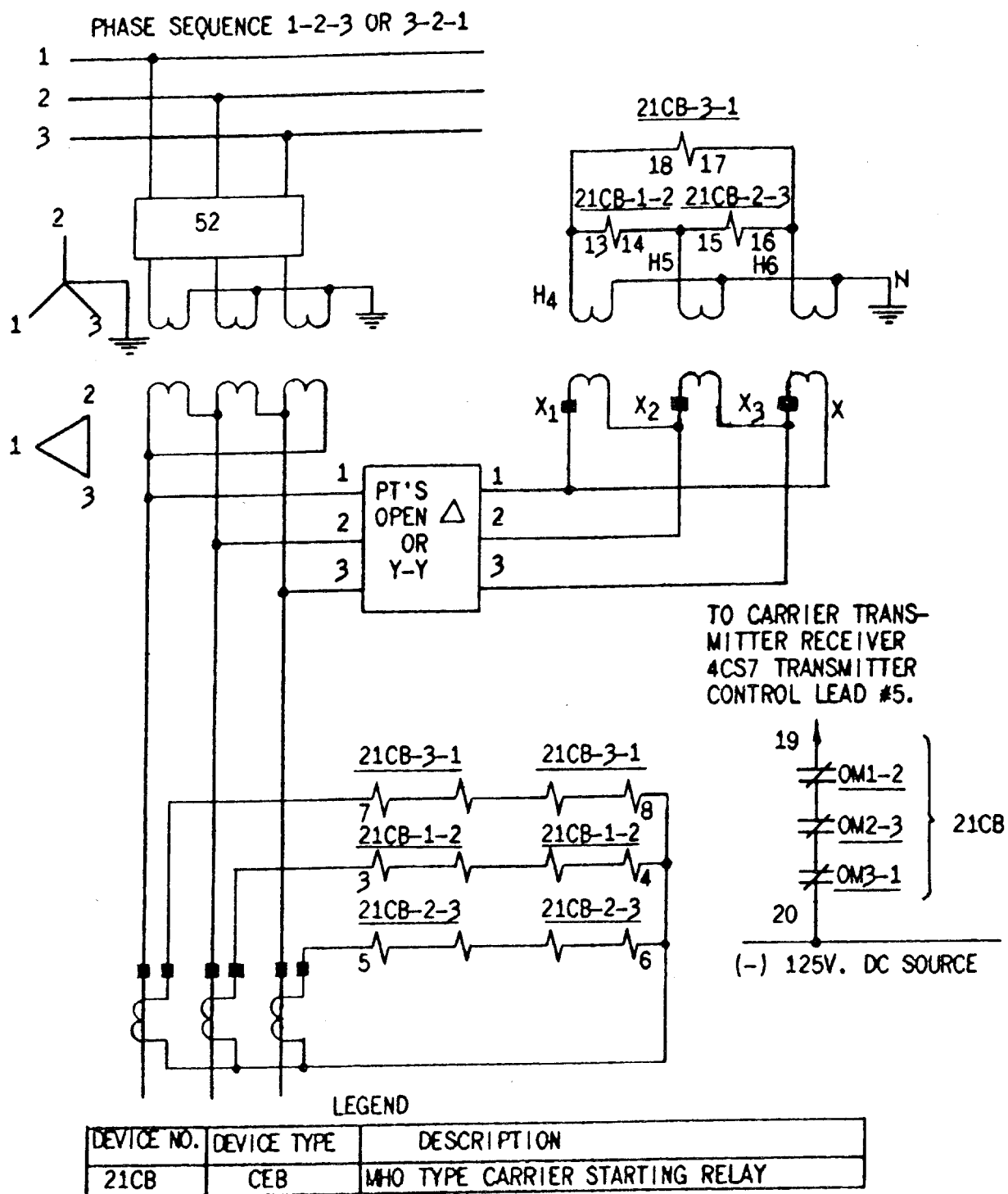


Fig. 2 (4022102)

Fig. 2 External Connections Of Type CEB13C Relay For Carrier Starting