



## INSTRUCTIONS

GEI-33941A

INSERT BOOKLET GEI-19008

# RELAYS

FREQUENCY RELAY

TYPE IJF51C

*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.*

# FREQUENCY RELAY

## TYPE IJF51C

### INTRODUCTION

These instructions supplement instruction book GEI-19008 which is included in this book. The combination of the two forms complete instructions for the Type IJF51C relay.

The Type IJF51C relay is similar to the Type IJF51B relay with the following exceptions. This relay is an induction-disk frequency relay with a single-circuit normally-closed contact. This contact is closed at frequencies below and open at frequencies above the calibration frequency. The relay has an adjustable time lever and is adjusted to close its contacts from the No. 1OTDS in 5 seconds when the frequency drops from rated frequency to zero cycles (relay de-energized).

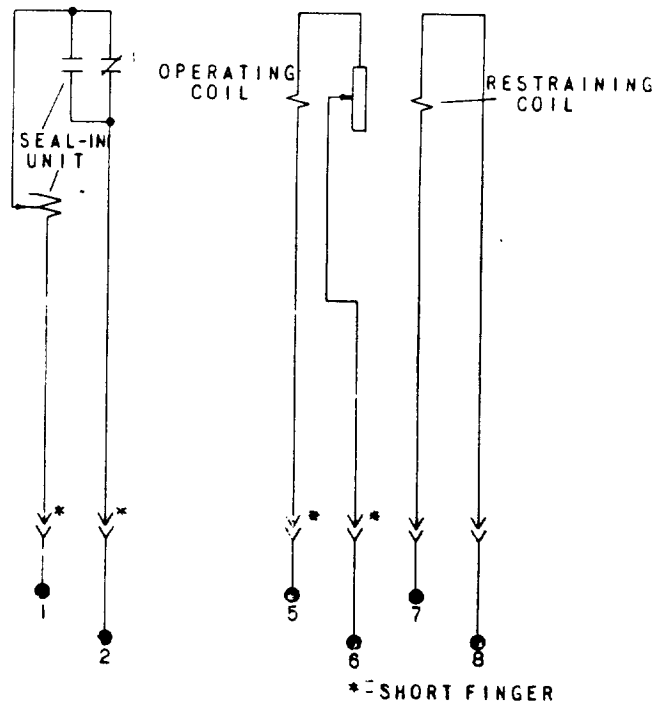
### INSTALLATION

#### MOUNTING

The outline and panel drilling dimensions are shown in Fig. 13 of the included instructions.

#### CONNECTIONS

The internal connection diagram is given in Fig. 1 of this supplement.



\* Fig.1 (0362A0558 [1]) Internal Connections Diagram for the Type IJC51C Relay (Front View)

\* Indicates revision