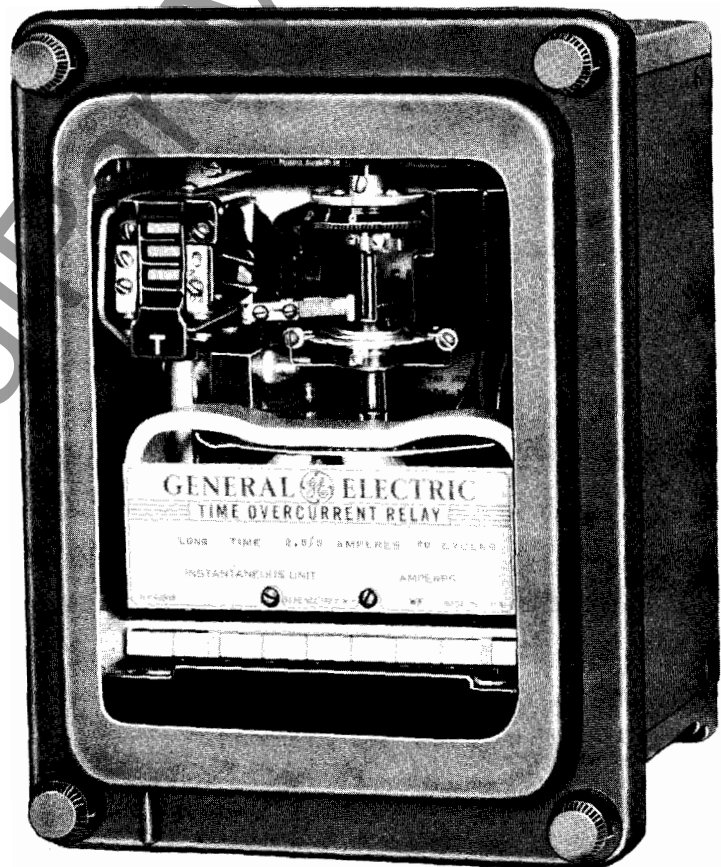


INSTRUCTIONS

*Switchgear***TIME
OVERCURRENT RELAYS****Types**

IAC66A IAC66R
 IAC66B IAC70A
 IAC66C IAC70B
 IAC66J

GENERAL  **ELECTRIC**

GEI-28818A Type IAC Time Overcurrent Relays

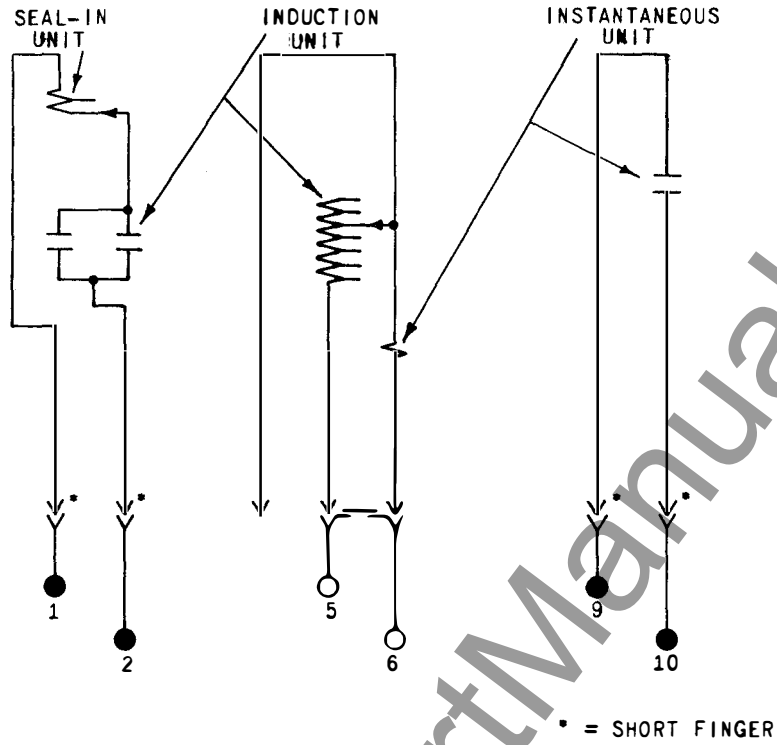


Fig. 1 Type IAC66C Relay, Internal Connections (Front View)

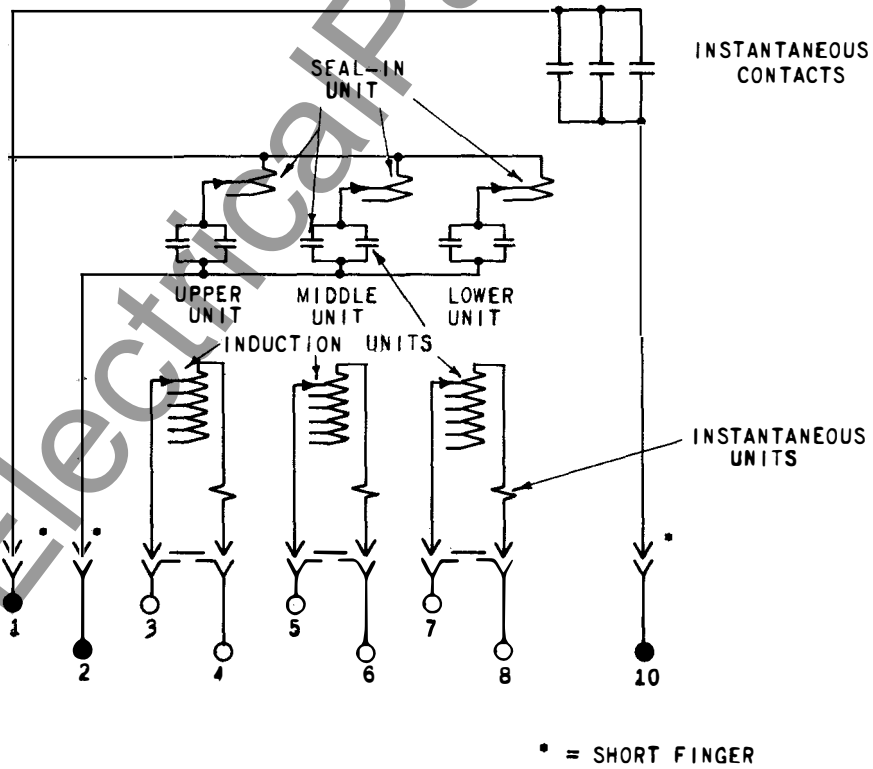


Fig. 2 Type IAC66J Relay, Internal Connections (Front View)

Fig. 1 (K-6375694)

Fig. 2 (K-6400121)

(8009032) Cover

TIME OVERCURRENT RELAYS

TYPE IAC

INTRODUCTION

These instructions are a supplement to instruction book GEH-1753 which is included in this book. The combination of the two form complete instructions for the Type IAC66A, IAC66B, IAC66C, IAC66J, IAC70A and IAC70B relays.

The Type IAC66A, IAC66B, IAC70A and IAC70B relays are similar to the Type IAC51A, IAC51B, IAC52A and IAC52B relays respectively except that some of the parts of the latter have been altered to give the former very long time operating characteristics. Time-current curves are shown in Fig. 1.

The Type IAC66C relay is the same as the Type

IAC66B relay except that the time delay and instantaneous unit contact leads are brought out to separate studs.

The Type IAC66J relay is equivalent to three Type IAC66B relays mounted in a single three-unit case.

APPLICATION

These relays are used primarily for motor overload protection and should be set at 125 to 150 percent of the motor rating.

INSTALLATION

The outline and panel drilling dimensions and

internal connections figure numbers are given in the following table:

RELAY TYPE	INTERNAL CONNECTIONS		OUTLINE AND PANEL DRILLING	
		GEH-1753	GEH-1753	
IAC66A	Fig. 1	Fig. 11	Fig. 19	
IAC66B		Fig. 12	Fig. 19	
IAC66C	Fig. 2	Fig. 15	Fig. 20	
IAC66J			Fig. 16	Fig. 21
IAC66R		Fig. 17	Fig. 20	
IAC70A			Fig. 19	
IAC70B			Fig. 20	

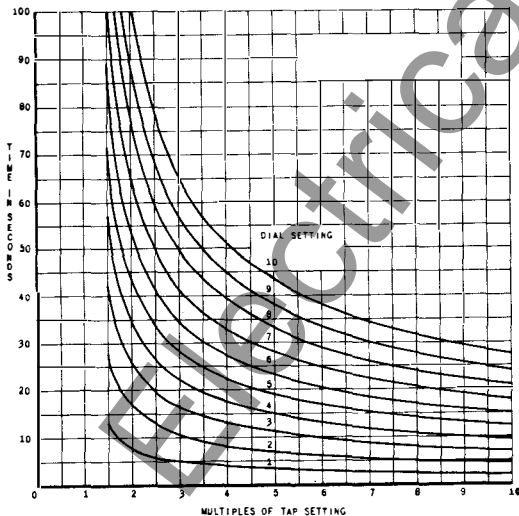


Fig. 3 Time-Current Characteristics

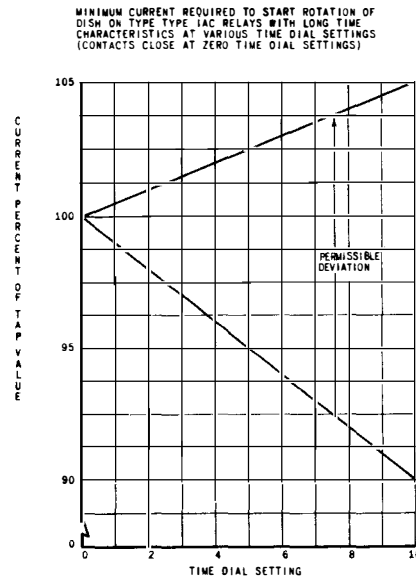


Fig. 4 Permissible Deviation of Current Required to Start Rotation of Disk

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.

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IF YOU NEED TO REPAIR, recondition, or rebuild any electric apparatus, a G-E service shop near you is available day and night, seven days a week, for work in the shops or on your premises. Latest factory methods and genuine G-E renewal parts are used to maintain the original performance of your G-E equipment. For full information about these services, contact the nearest service shop or sales office listed below:

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*Seattle 4, Wash. 3422 First Ave., S.
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