

INSTRUCTIONS

Switchgear

RELAYS

VOLTAGE RELAY

TYPE IAV53F

GENERAL  ELECTRIC

VOLTAGE RELAY

TYPE IAV53F

INTRODUCTION

These instructions supplement instruction book GEH-1751 which is included in this book. The combination of the two forms complete instructions for the Type IAV53F relay.

The Type IAV53F relay is an undervoltage and overvoltage relay with double-throw contacts and short time delay characteristics. The left-hand contacts close as the voltage increases to a pre-determined value; the right-hand contacts close when the voltage decreases to a lower value. The Type IAV53F relay is similar to the Type IAV53D relay except that it has a target and seal-in unit on the right-hand contact and the right-hand contact is closed when the relay is de-energized.

INSTALLATION

MOUNTING

The outline and panel drilling dimensions are shown in Fig. 24 of the included instructions.

CONNECTIONS

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

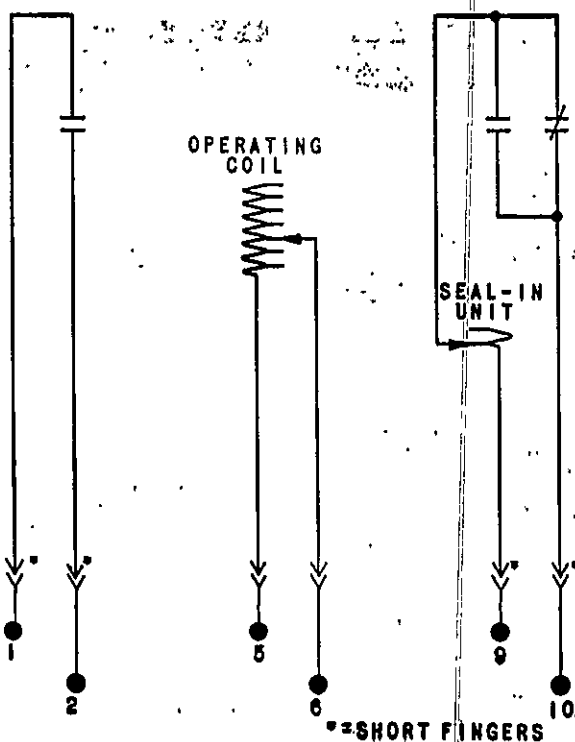


Fig. 1 Internal Connections For The Type IAV53F Relay (Front View)

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.

WHEN YOU NEED SERVICE

GEZ-85R

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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 Detroit 2, Mich.....5950 Third Ave.
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 Johnstown, Pa.....841 Oak St.
 Kansas City 8, Mo.....819 E. 19th St.
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 Milwaukee 3, Wisc.....940 W. St. Paul Ave.
 Minneapolis 12, Minn.....2025 49th Ave., N.
 New York 14, N. Y.....416 W. 13th St.
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 Pittsburgh 6, Pa.....6519 Penn Ave.
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 Knoxville 08, Tenn.....602 S. Gay St.
 Lansing 8, Mich.....106 W. Allegan St.
 Lexington, Ky.....First National Bank Bldg.
 Lincoln 8, Nebr.....1001 "O" St.
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 Louisville 2, Ky.....455 S. Fourth St.
 Macon, Ga.....682 Cherry St.
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 Shreveport, La.....910 Shelby Bldg.
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 Springfield 3, Mass.....1387 Main St.
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 Wichita 2, Kan.....200 E. First St.
 Williamston, N. C.....115 E. Main St.
 Wilmington 98, Del.....1326 N. Market St.
 Worcester 8, Mass.....507 Main St.
 York, Pa.....56 N. Harrison St.
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