



INSTRUCTIONS

GEK-45320
Insert Booklet GEK-1272

TRANSFERRED TRIP AUXILIARY

RELAY

TYPE NAA

MODEL 12NAA99AA001A

INTRODUCTION

This instruction together with GEK-1272 constitutes the instructions for special relay 12NAA99AA001A.

DESCRIPTION

Special Relay 12NAA99AA001A is similar to 12NAA27N32A except for the addition of an external resistor in series with external capacitors to obtain 100 milliseconds (6 cycle on 60 Hz basis) time delay dropout of the TTY unit.

The internal connection diagram is shown by Figure 1.

The TTY unit should pick up at 80 percent or less of rated voltage.

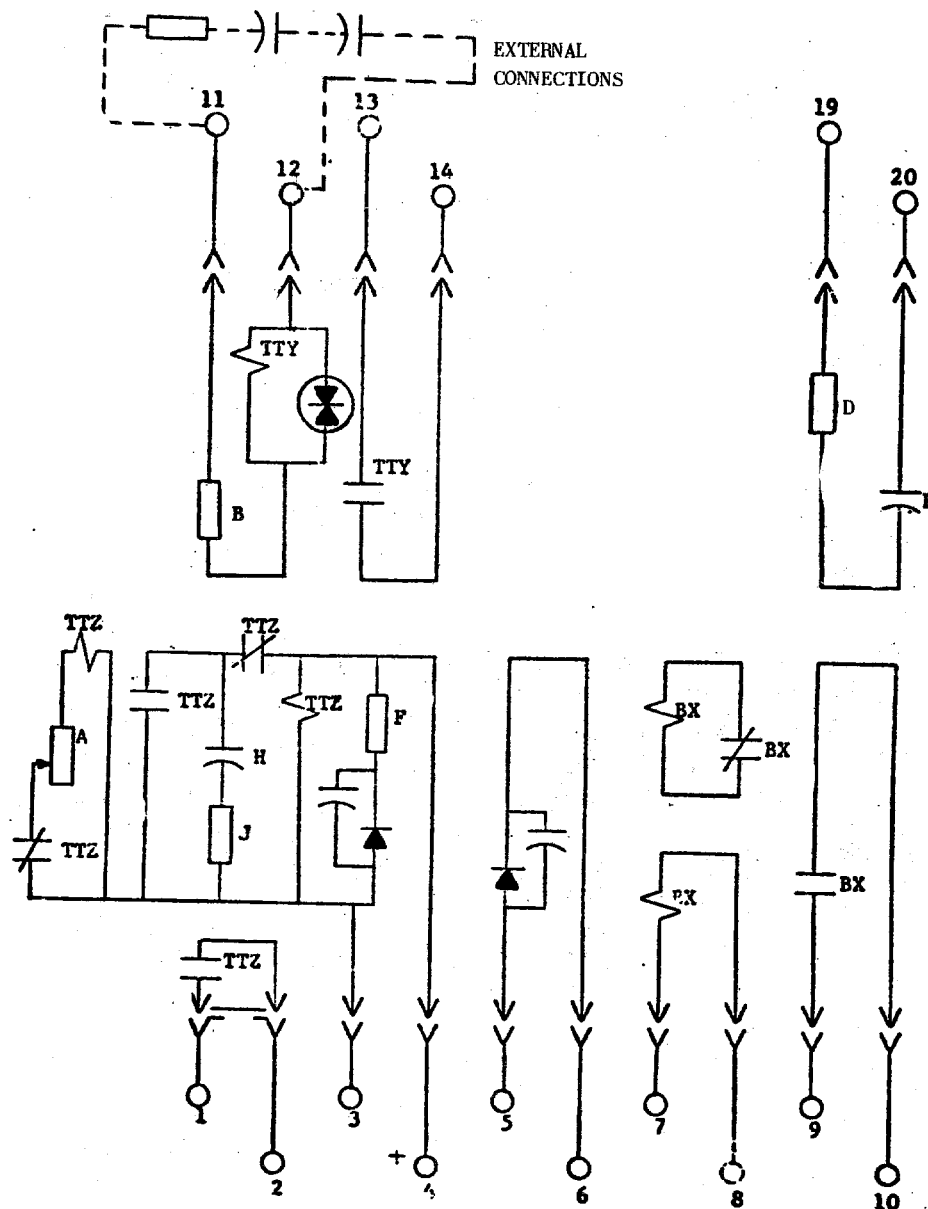
The TTY unit should pick up in 2 milliseconds or less at rated voltage and drop out in 100 milliseconds $\pm 6\%$ when the voltage is switched from rated to zero volts. Measurements should be made with an electronic timer.

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.

POWER SYSTEMS MANAGEMENT DEPARTMENT

GENERAL  ELECTRIC

PHILADELPHIA, PA.



SPECIAL RELAY 12NAA99AA(-)A	RATED VOLTS DC	BX		TTY		TTZ		A OHMS	B OHMS	C OHMS	D OHMS	E uf	F OHMS	G OHMS	H uf	J OHMS
		P.U. SEC.	OHMS	P.U. SEC.	OHMS	P.U. SEC.	OHMS									
001	125	.070	12.6K	.002	9450	.012 .025	2.5K	25K	20K		150	0.25	10K		2.0	100

FIG. 1 (0257A5041-0) Internal Connection Diagram For Relay 12NAA99AA001A (Front View)