



INSTRUCTIONS

GEK-45458
Insert Booklet GEK-33921

HIGH SPEED NON-DIRECTIONAL OVERCURRENT RELAY

TYPE CHC99AB (-)A

INTRODUCTION

These instructions plus those included in GEK-33921 form the instructions for this relay.

DESCRIPTION

Model CHC99AB is similar to model CHC21C except

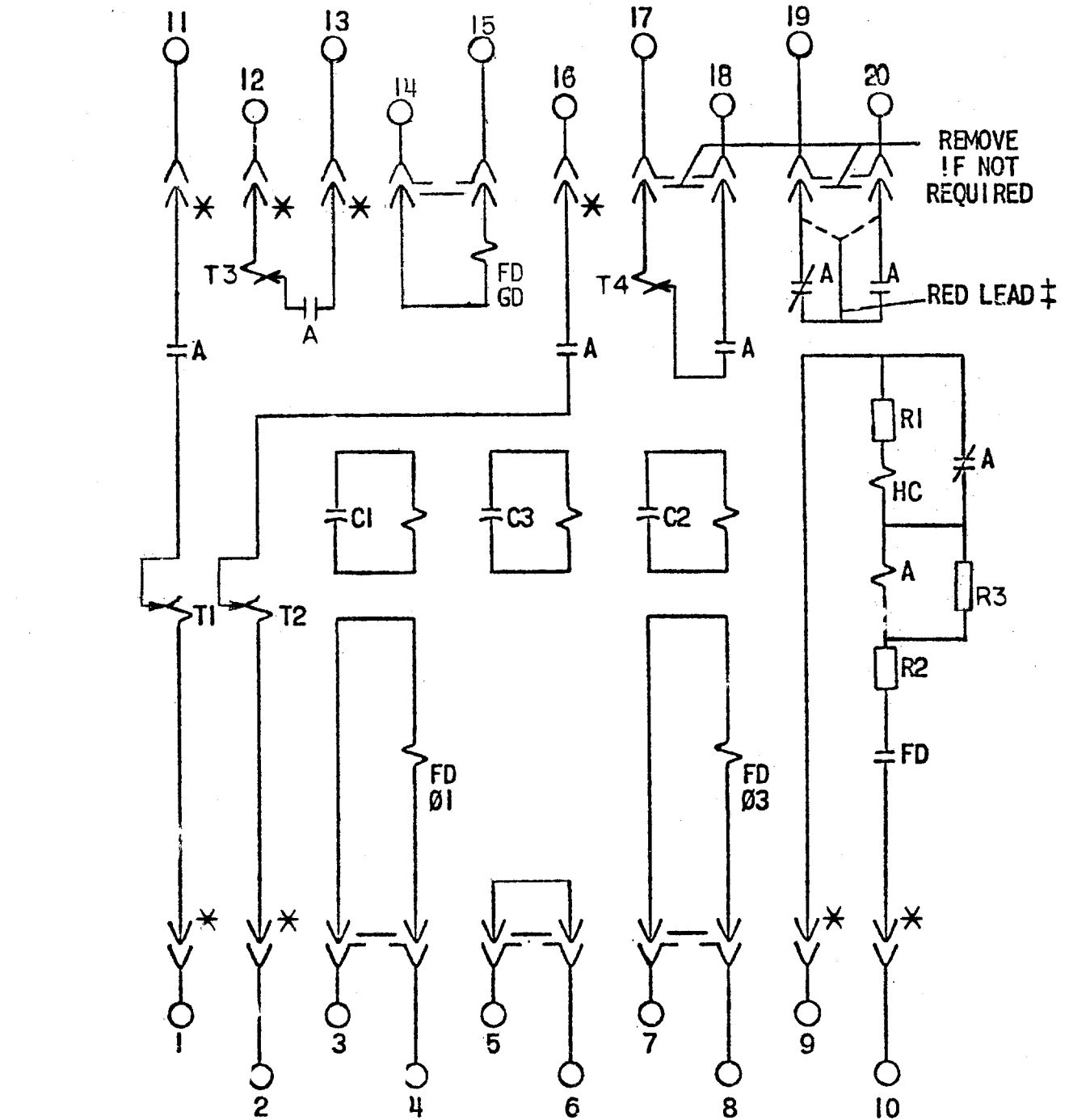
- 1) Model CHC99AB has four target units while model CHC21C has two target units.
- 2) The internal connections are shown in Fig. 1 of this supplement.
- 3) The external connections are the same as those shown in GEK-33921 for CHC21C except for the addition of target T3 between terminals 12 and 13 and target T4 between terminals 17 and 18.

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.

POWER SYSTEMS MANAGEMENT DEPARTMENT

GENERAL  ELECTRIC



* = SHORT FINGER
 A = TELEPHONE RELAY
 FD = CUP UNIT FAULT DETECTOR
 ‡ = CONNECT TO OBTAIN EITHER NORMALLY OPEN OR NORMALLY CLOSED CONTACT.
 HC = HOLDING COIL

VOLTS	R1 OHMS	R2 OHMS	R3 OHMS	C1 μ f	C2 μ f	C3 μ f
250	2000	600	1000	3	3	1.5
125	1000	300				
48	300	50				

FIGURE 1 (0269A1740) INTERNAL CONNECTIONS DIAGRAM FOR CHC21A