



OVERCURRENT FAULT DETECTOR

THREE PHASE, PHASE TO PHASE AND PHASE

TO GROUND

TYPE CHC15B

MODEL 12CHC99AC(-)A (FORMERLY 208A8302)

INTRODUCTION

These instructions plus those included in GEI-98337 form the instructions for this relay.

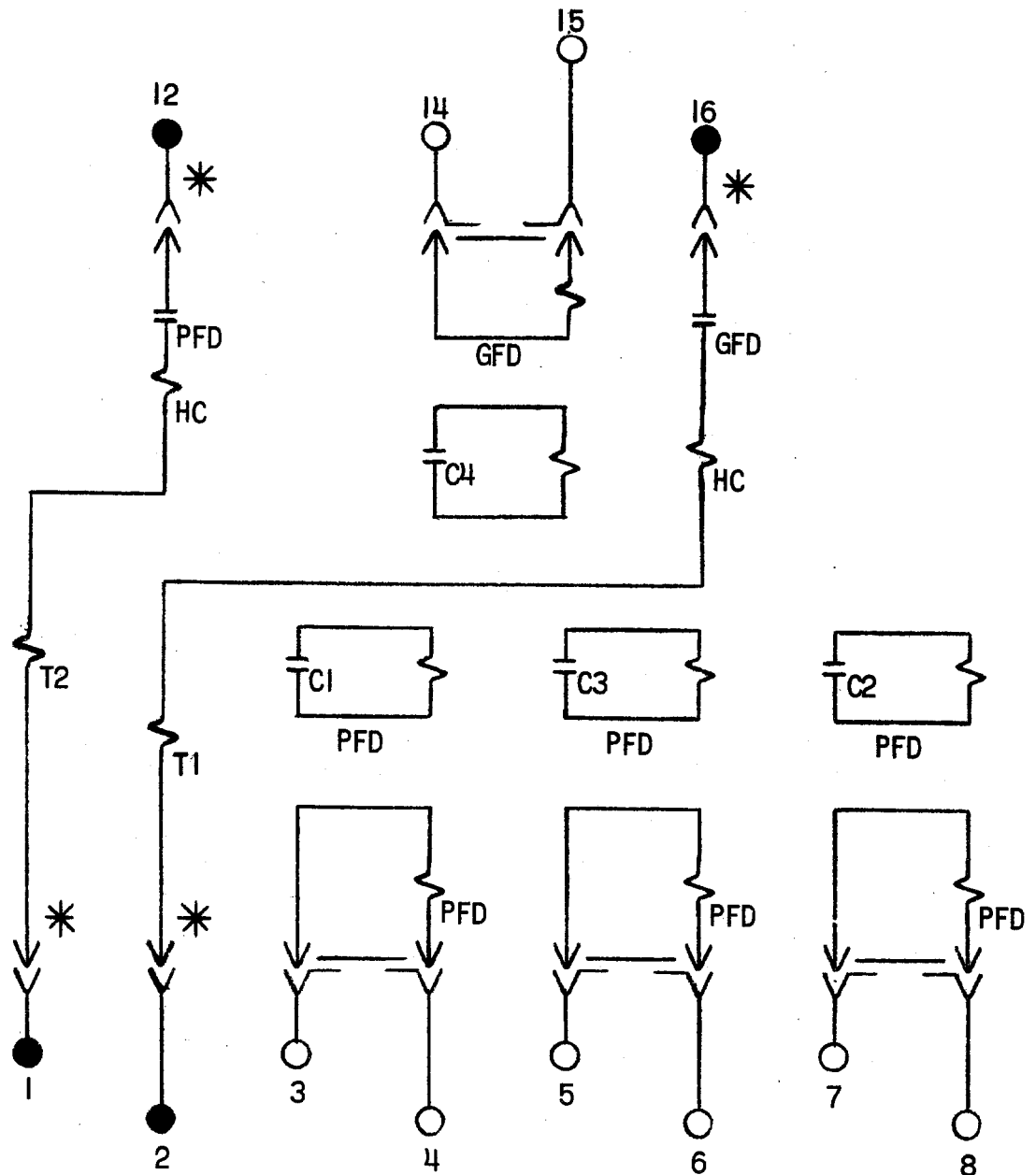
DESCRIPTION

Special Relay similar to 12CHC15B(-)A except the auxiliary telephone relay "A" is not used. A holding coil is used in the circuit of each fault detector to prevent the contacts from welding when operating near pick-up with minimum pick-up settings. The holding coil current during the aforementioned conditions will be 0.036 amperes D.C. Targets are rated one ampere. The adjustable pick-up range of the fault detectors are 1-4A, 2-8A and 4-16A for the phase unit and 0.5-2A and 2-8A for the ground unit.

Figure 1 of this supplement illustrates the internal connection diagram.

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.



GFD = GROUND FAULT DETECTOR CUP UNIT
 PFD = PHASE FAULT DETECTOR CUP UNIT
 * = SHORT FINGER
 HC = HOLDING COIL

FIGURE 1 (0227A7137-0) INTERNAL CONNECTIONS DIAGRAM FOR THE CHC99AC(-)A RELAY (FRONT VIEW)