



INSTRUCTIONS

PLS1B15C1UL2XB034

HYBRID SCHEME WITH SINGLE FSK CHANNEL FOR UNCOMPENSATED LINES

INTRODUCTION

These instructions, GEK-105547 together with GEK-90674, constitute the complete instructions for the PLS1B15C1UL2XB034.

DESCRIPTION

These relays have the following difference from the standard PLS relay described in GEK-90674.

1. Three trip and three BFI contacts per phase
2. PDX drives Zone 2 timer and is blocked by the Out-of-Step blocking signal, OSB.
PDT drives Zone 3 timer and is not blocked by the Out-of-Step blocking signal, OSB.

ATTACHMENTS

Figure 1 (0158D7381 Sh.1) Logic Diagram

Figure 2 (0158D7381 Sh.2) Logic Diagram

Figure 3 (0158D7382) Elementary Diagram

These instructions do not purport to cover all details or variations in equipment nor 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.

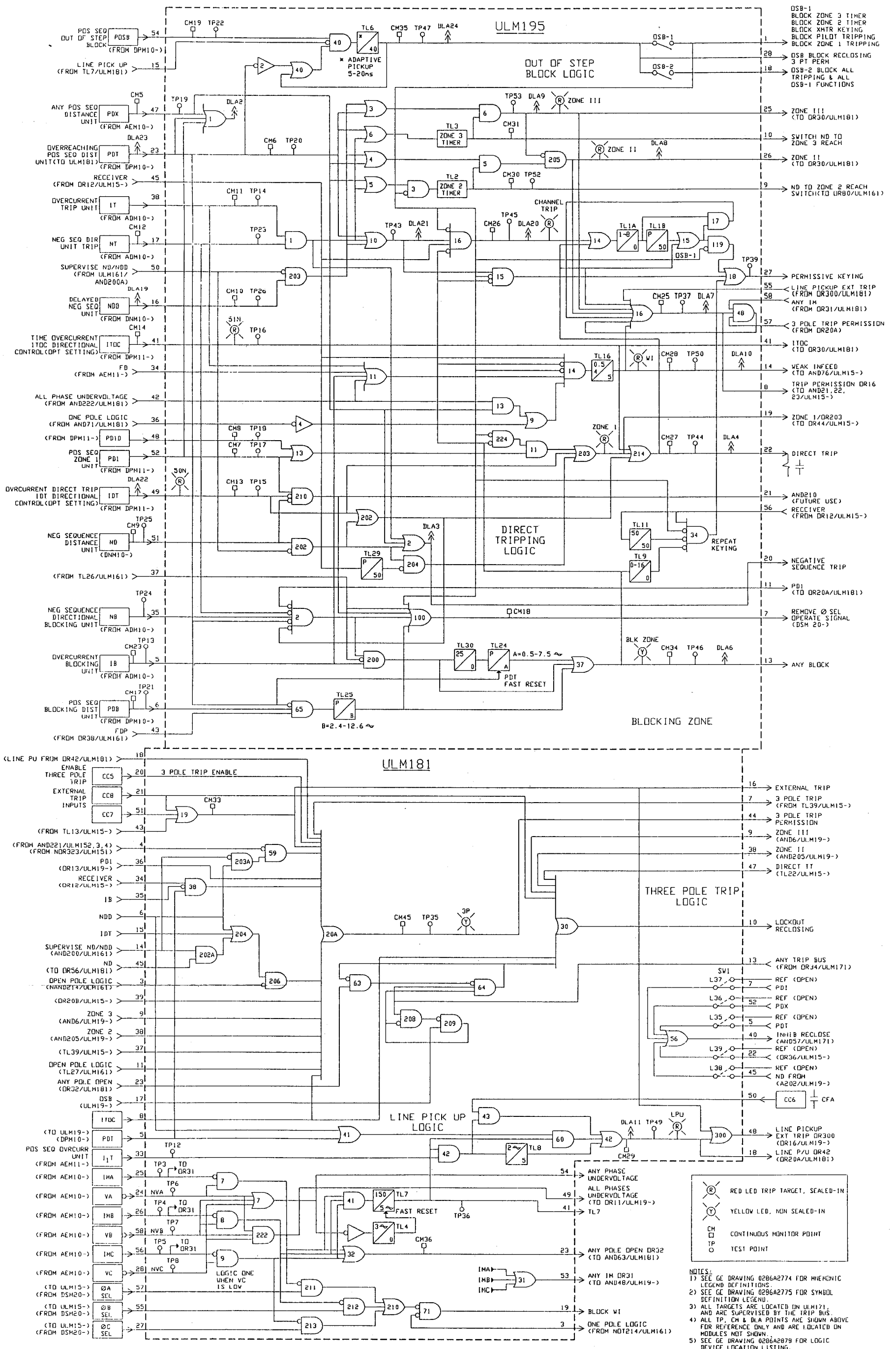


Figure 1 (0158D7381 Sh.1) Logic Diagram

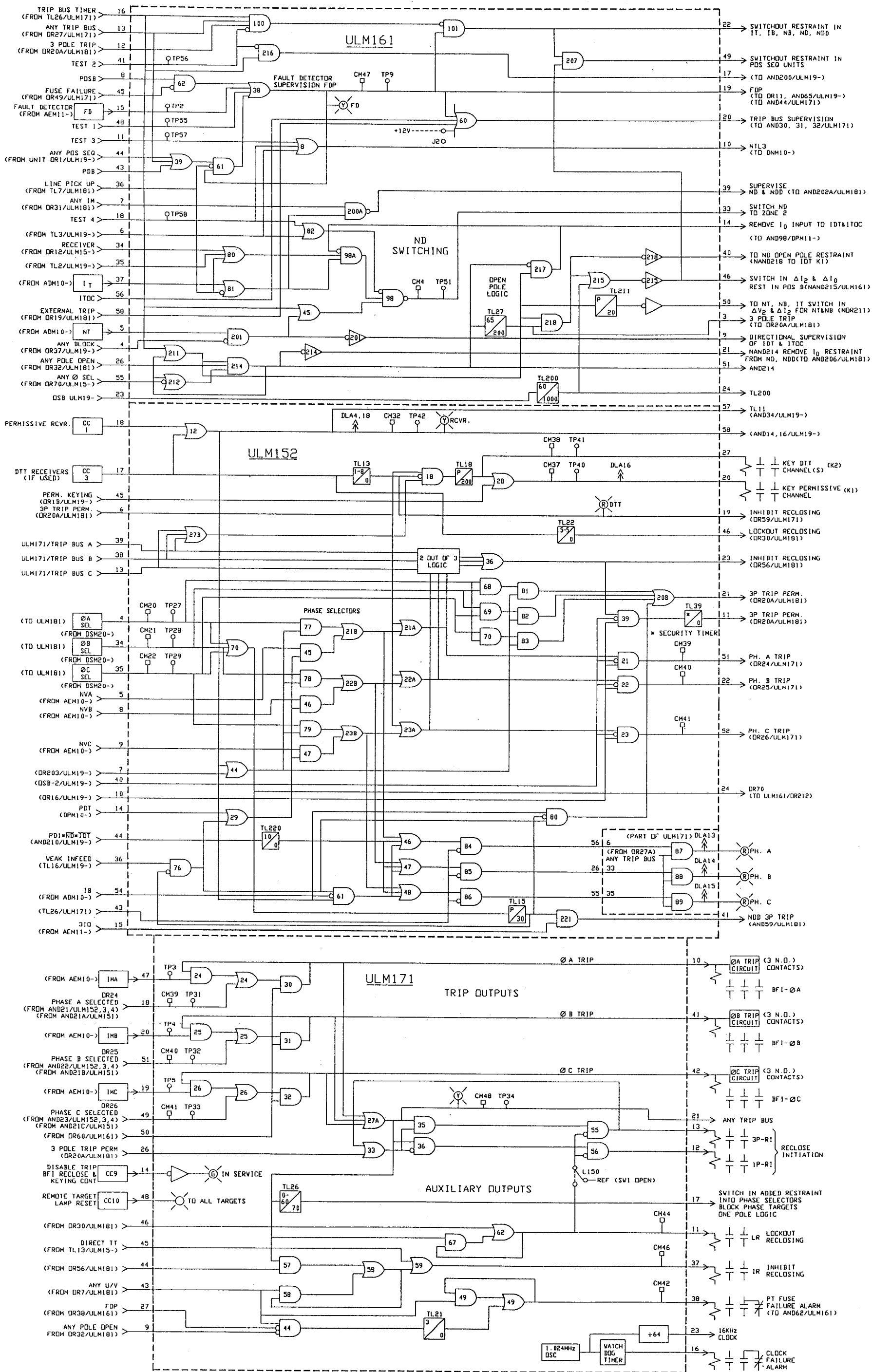


Figure 2 (0158D7381 Sh.2) Logic Diagram

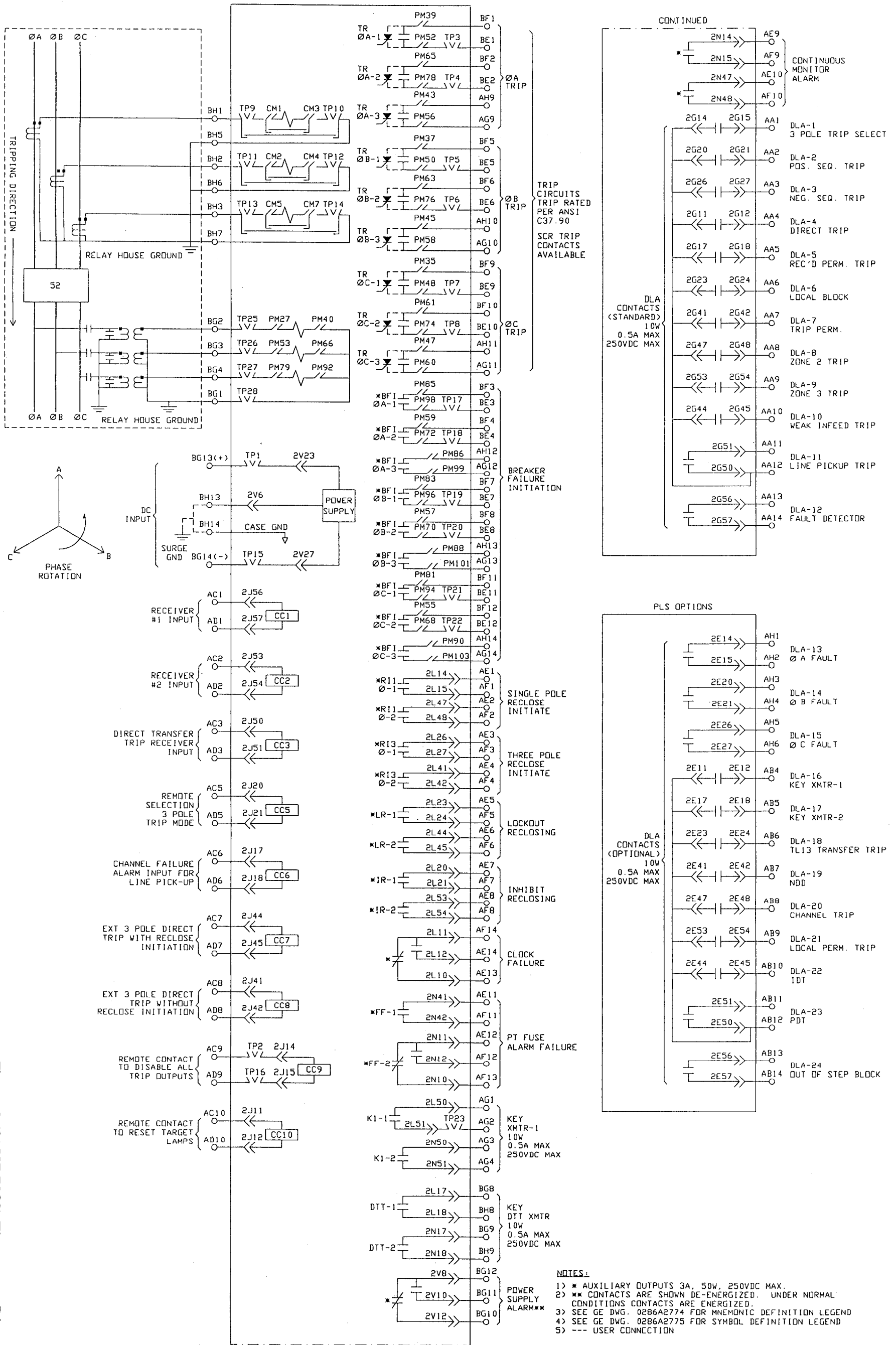


Figure 3 (0158D7382) Elementary Diagram