



# INSTRUCTIONS

PLS1B56C1UL2XB013  
PLS1B56C2UL2XB014  
PLS1B56C1UB2XB015  
AND  
PLS1B56C2UB2XB016

## HYBRID SCHEME WITH SINGLE FSK CHANNEL FOR UNCOMPENSATED LINES

### INTRODUCTION

These instructions, GEK-100565 together with GEK-90674, constitute the complete instructions for the PLS1B56C1UL2XB013, PLS1B56C2UL2XB014, PLS1B56C1UB2XB015, and PLS1B56C2UB2XB016.

### DESCRIPTION

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

Additional 5 volt 20 milliamp carrier interface.

### ATTACHMENTS

Figure 1 (0145D8129) Elementary Diagram

Figure 2 (0153D7729) Logic 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.*

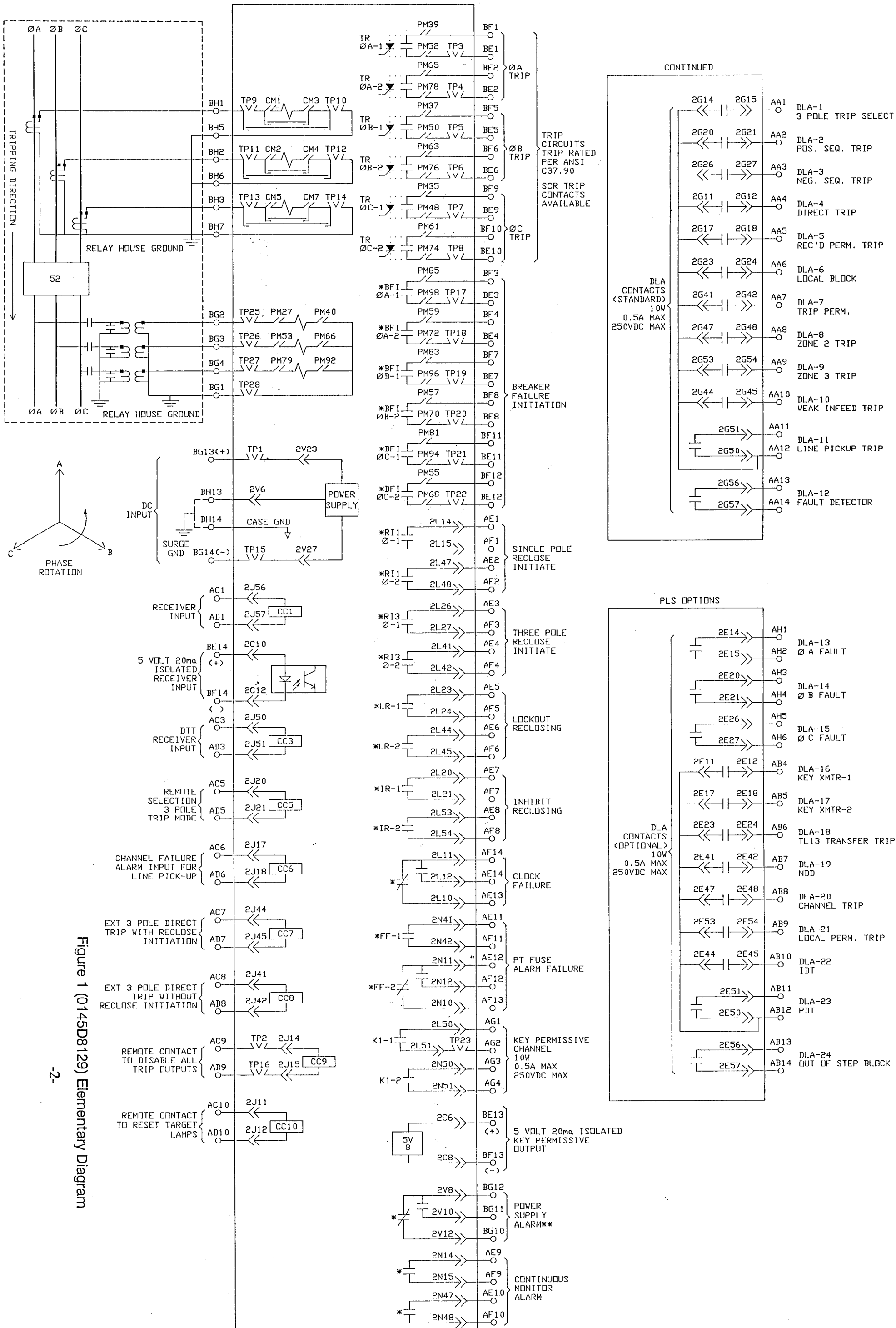


Figure 1 (0145D8129) Elementary Diagram

- NOTES:
- \* AUXILIARY OUTPUTS 3A, 50W, 250VDC MAX.
  - \*\* CONTACTS ARE SHOWN DE-ENERGIZED. UNDER NORMAL CONDITIONS CONTACTS ARE ENERGIZED.
  - SEE GE DWG. 0286A2774 FOR MNEMONIC DEFINITION LEGEND
  - SEE GE DWG. 0286A2775 FOR SYMBOL DEFINITION LEGEND
  - USER CONNECTION
  - ... OPTIONAL

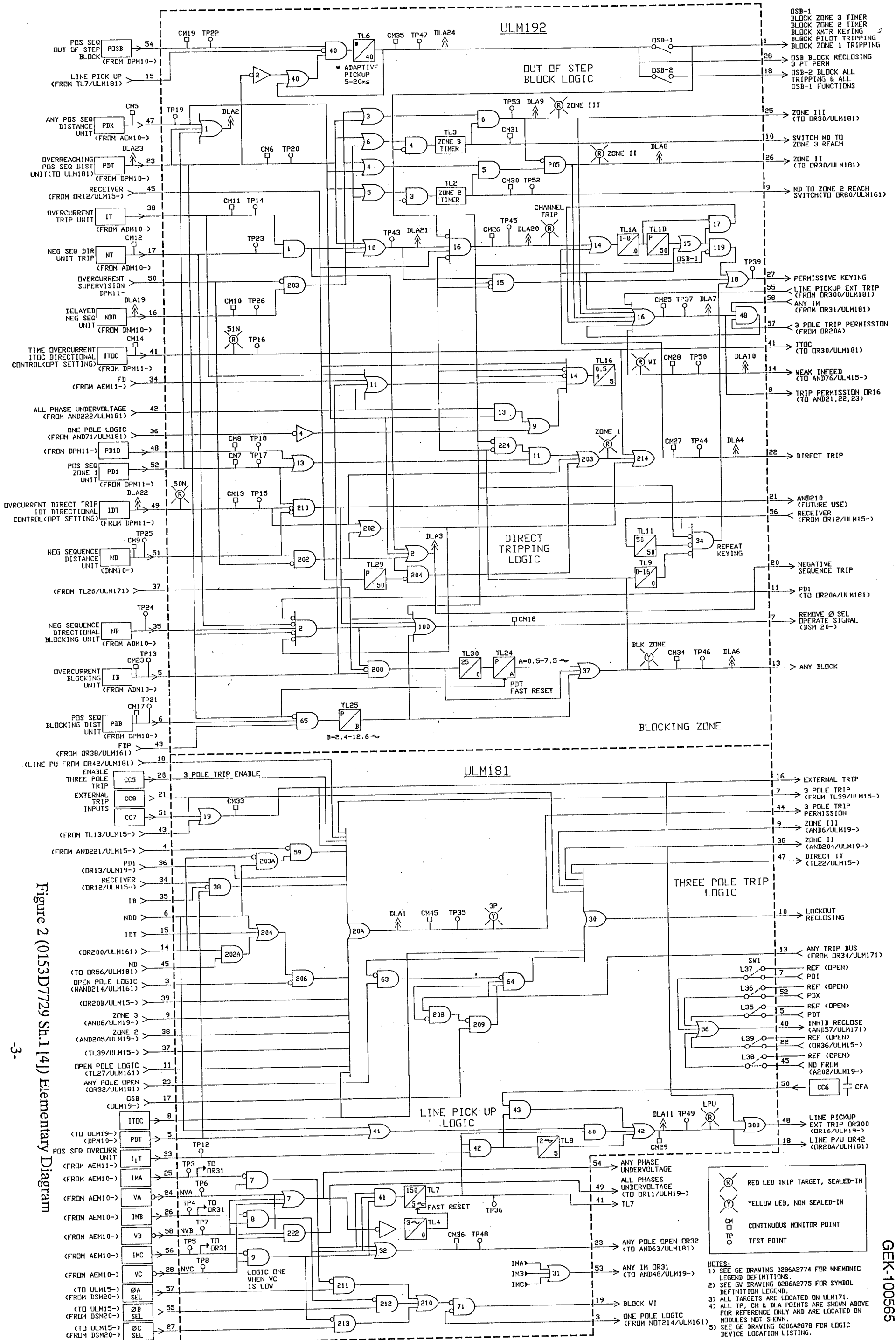


Figure 2 (0153D7729 Sh.1 [4]) Elementary Diagram

Figure 2 (0153D7729 Sh.2 [4]) Elementary Diagram, continued

