



INSTRUCTIONS

PLS1B55C2UB2XB023

HYBRID SCHEME WITH SINGLE FSK CHANNEL FOR SHORT UNCOMPENSATED LINES

INTRODUCTION

These instructions, GEK-100661 together with GEK-90674, constitute the complete instructions for the PLS1B55C2UB2XB023.

DESCRIPTION

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

Contact Converters CC11, CC12, and CC13 are added to the 52b contacts for use with bus-side potential transformers.

ATTACHMENTS

Figure 1 (0286A5319) Module Line-up

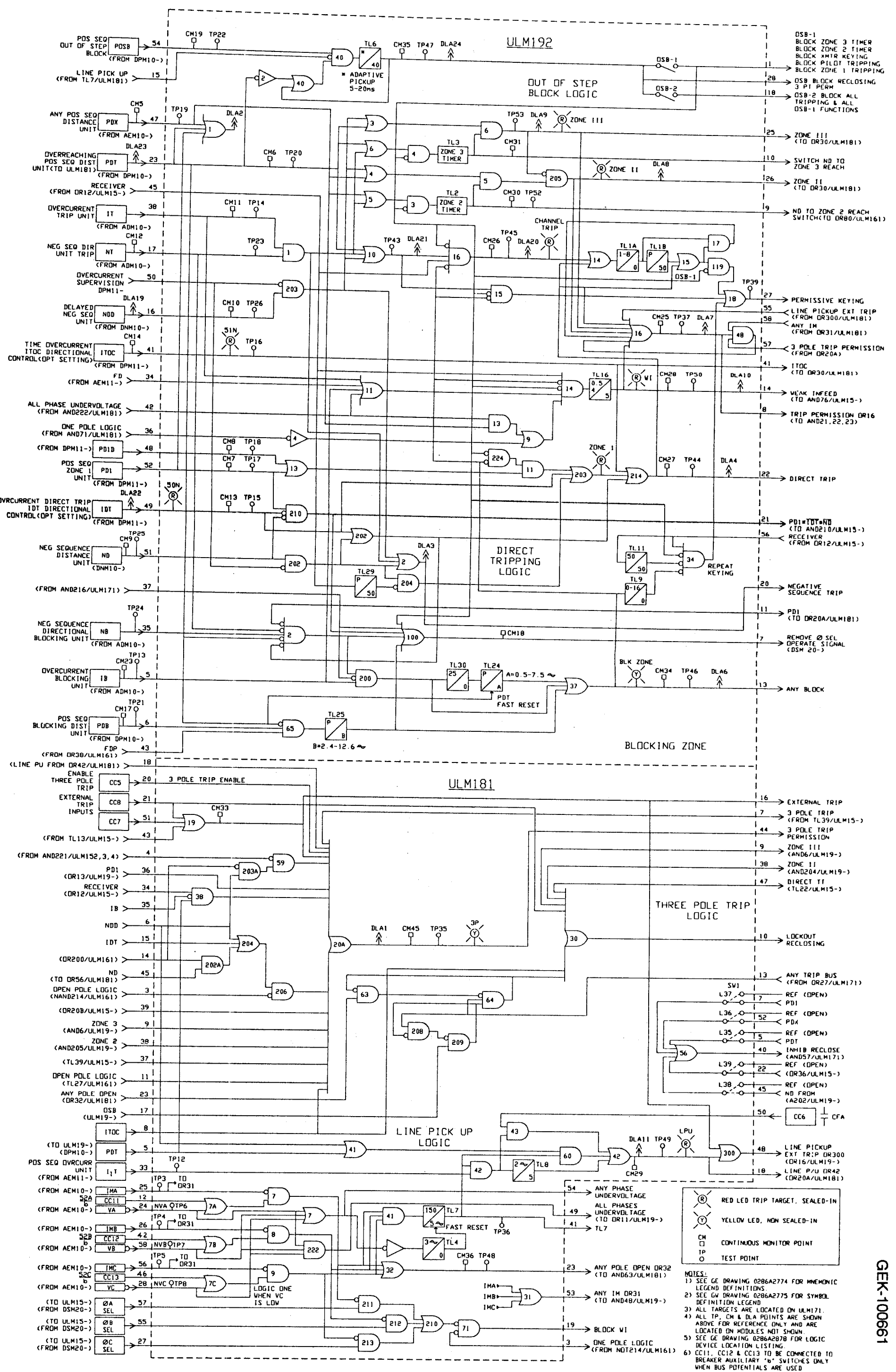
Figure 2 (0153D6081) Logic Diagram

Figure 3 (0145D8891) 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 2 (0153D6081 (1)) Logic Diagram



NOTES:
 1) * AUXILIARY OUTPUTS 3A, 50V, 250VDC MAX.
 2) ** CONTACTS ARE SHOWN DE-ENERGIZED UNDER NORMAL CONDITIONS ARE ENERGIZED.
 3) SEE GE DWG. 0286A2774 FOR MNEMONIC DEFINITION LEGEND
 4) SEE GE DWG. 0286A2775 FOR SYMBOL DEFINITION LEGEND
 5) --- USER CONNECTION

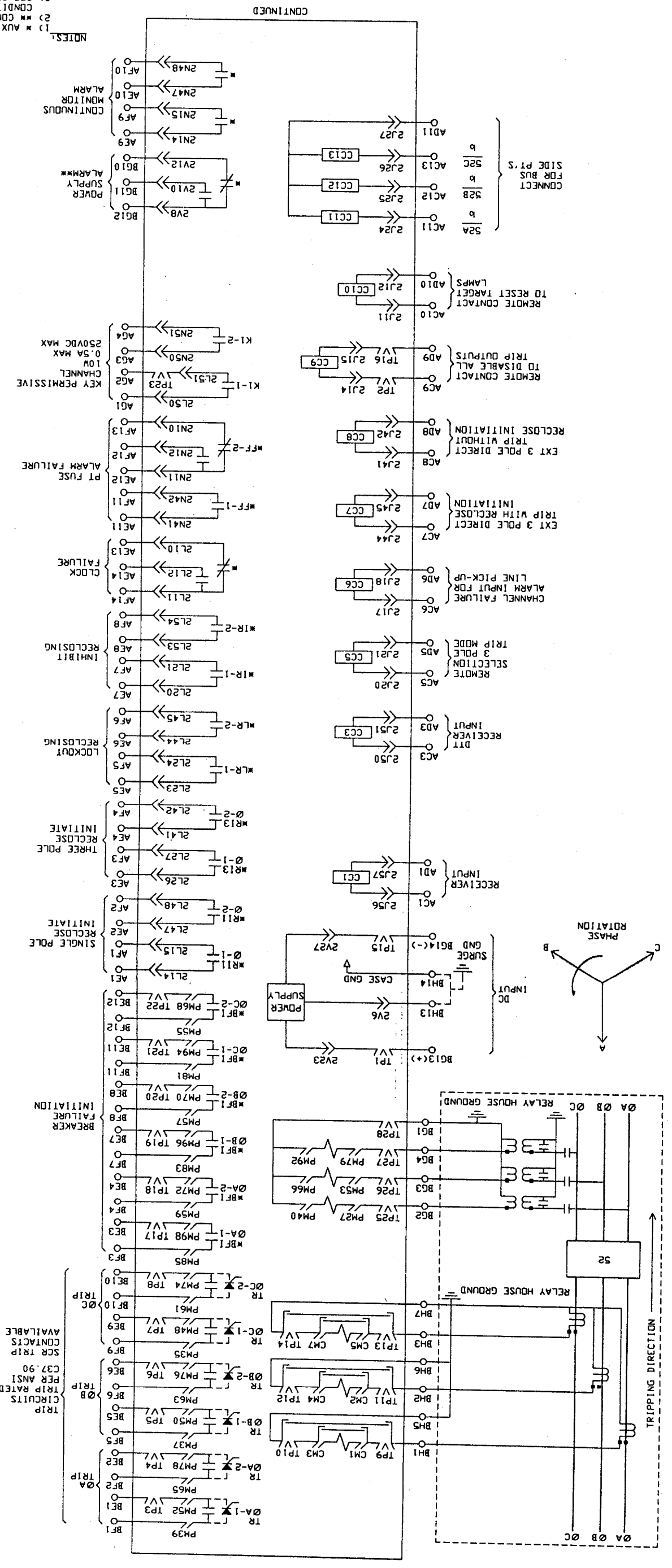
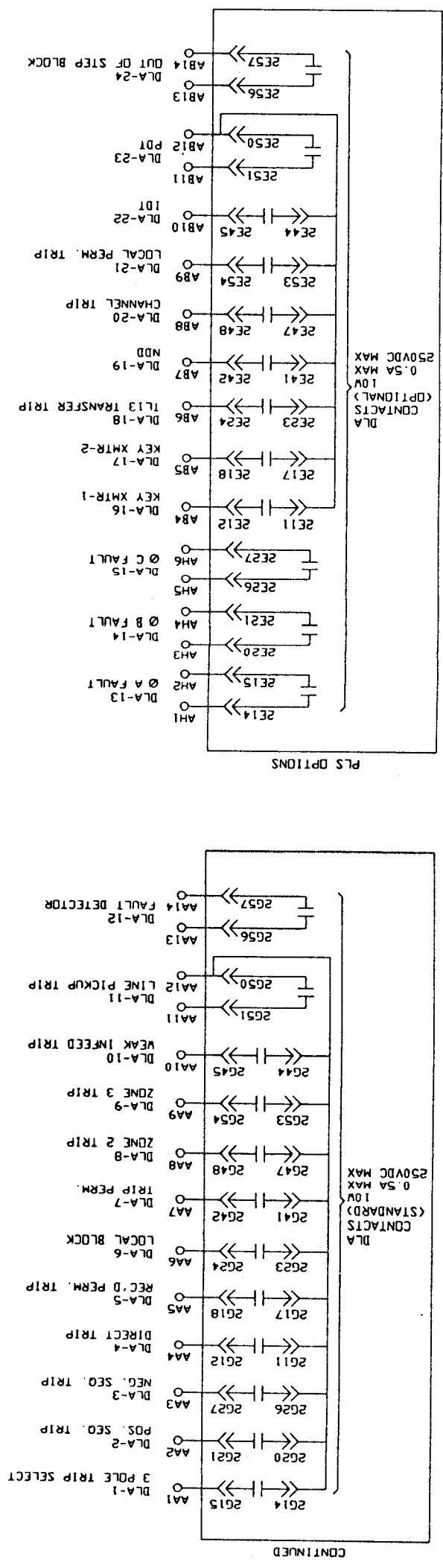


Figure 3 (0145D8891) Elementary Diagram

(8/93) (50) General Electric Protection and Control Business Dept., Malvern, PA 19355