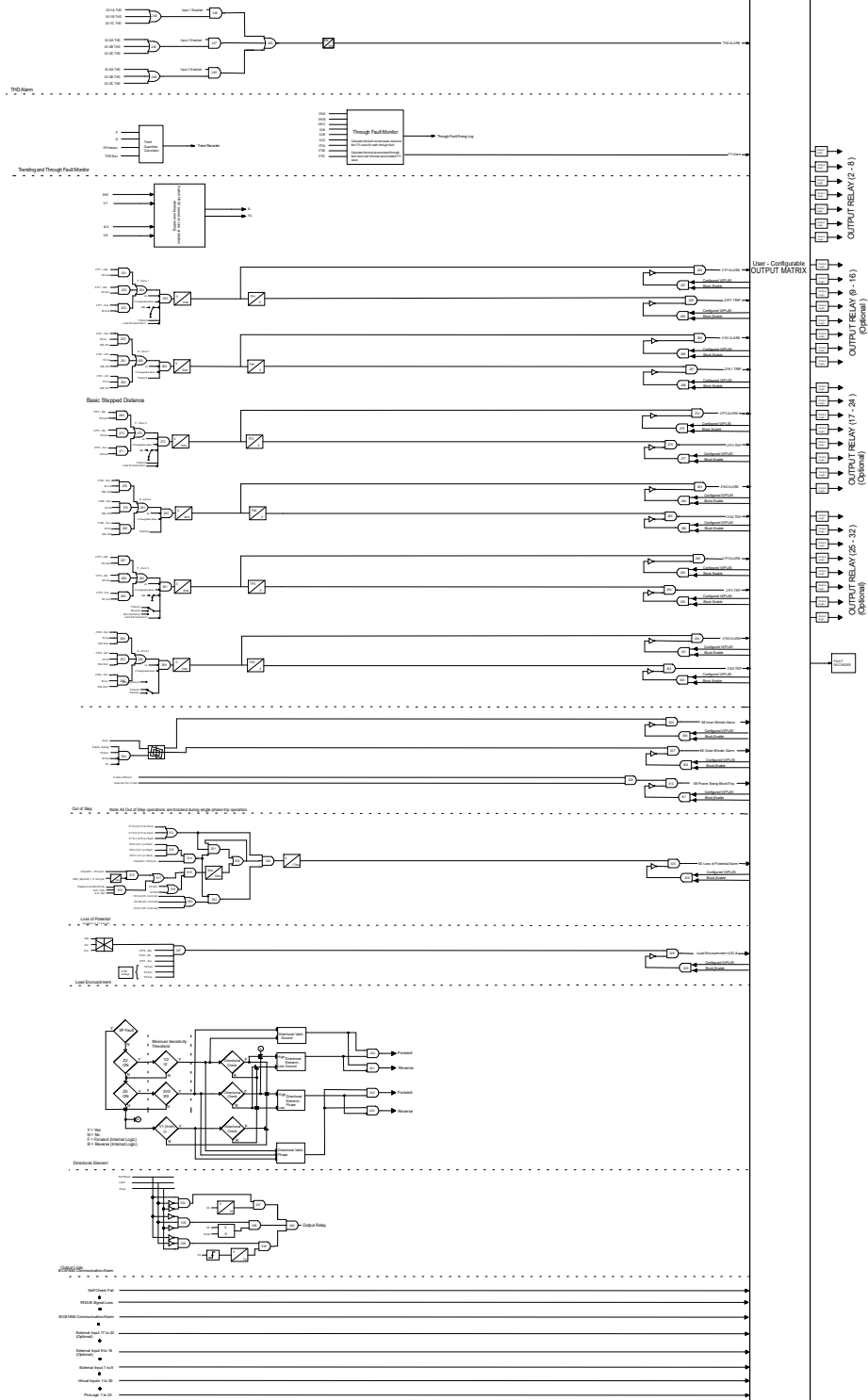


T-PRO 4500 Function Logic Diagram
Sheet 2



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Rev	1	1	1
Date	04/15/10	04/15/10	04/15/10
By	J. K. ...	J. K. ...	J. K. ...
Checked By	J. K. ...	J. K. ...	J. K. ...
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Drawn By	J. K. ...	J. K. ...	J. K. ...

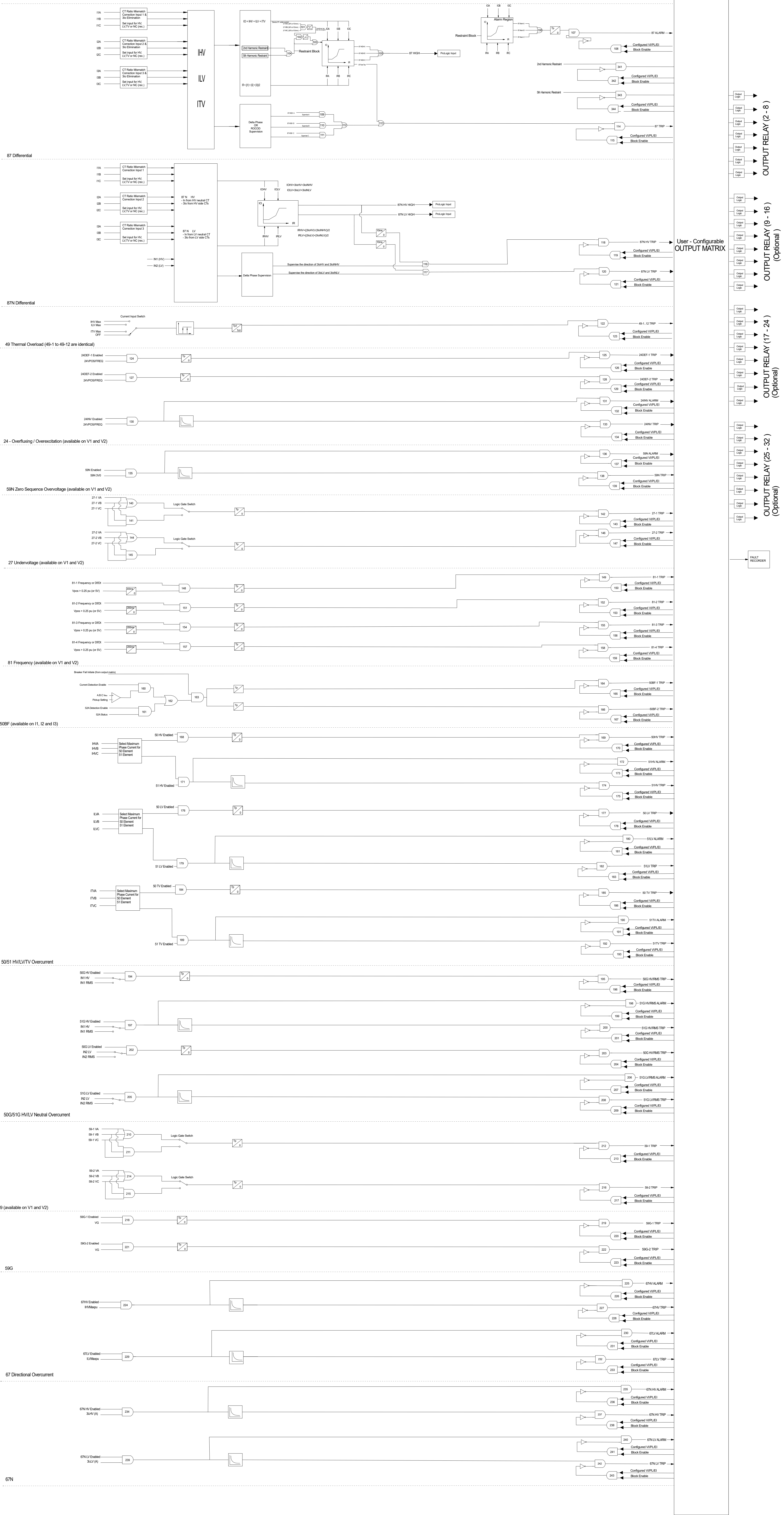


REV: 4 Rev 04/15/10-02
 DATE: 04/15/10-02
 FILE: 041812.DWG

T-PRO 4500 FUNCTION LOGIC DIAGRAM			
D04198	R02.00	P2	2
DATE: 04/15/10-02	DATE: 04/15/10-02	DATE: 04/15/10-02	DATE: 04/15/10-02

T-PRO 4500 Function Logic Diagram

Sheet 1



NOTE: All functions use the external fundamental component of the analog inputs.
 NOTE: The CT ratio mismatch connected HV, LV and ITV quantities, either with (if at least one of the associated input CTs are Delta-connected) or without (if all the associated input CTs are Wye-connected); zero-sequence current eliminations, are used in 49, 50S1, 67 and Third Leg Openly analog currents with CT ratio mismatch can be used as source for 49, 50S1, 67.

Revision	Date	Description of Revision	By
0	2018/02/19	Initial ERLPhase Release	MP
1	2018/09/30	Added Line Protection	RR
2	2021/01/22	Added 87 Alarm, blocks, output logic	RR



DSN BY:	R. Raci	DATE:	2021-01-22
DWN BY:	P. Narayakara	DATE:	2021-01-22

TITLE: T-PRO 4500 FUNCTION LOGIC DIAGRAM			
Document Identifier	Document Revision	Page Identifier	drawing has
D04198	R02.00	P1	2 sheets
INPUT FILENAME:	D04198R02.00.SNF	PRODUCT NUMBER:	NA
AUTOSKETCH V8			