MULTI-FUNCTION OVERCURRENT AND
DR. EARTH-FAULT PROTECTION

1) 2) BINARY INPUT, PROGRAMMABLE
3) 7) RELAY OUTPUTS 1-5, PROGRAMMABLE FUNCTION
8) LOSS OF AUXILIARY VOLTAGE
9) CONNECTED FOR RL=110-220V DC
   CHANGE FROM 111 TO 112 AND 121 TO 122 AT RL=48-60V DC

PROGRAMMABLE FUNCTIONS FOR BINARY INPUTS:
BLOCKING/ENABLING \text{I}, \text{I}_1, \text{I}_2, \text{I}_3, \text{I}_4, \text{DIR}, \text{IN}, \text{DIR IN}, \text{DIR IN}^+;
THERMAL RESET 0, BREAKER FAILURE EXTERNAL START,
ALTERNATIVE SETTINGS, RESET OF LED INDICATIONS.

PROGRAMMABLE FUNCTIONS FOR BINARY OUTPUTS:
START AND TRIP \text{H}, \text{H}_1, \text{H}_2, \text{DIR}, \text{IN}, \text{DIR IN}, \text{DIR IN}^+;
THERMAL ALARM \text{H}, THERMAL TRIP \text{H},
BREAKER FAILURE RE-TRIP; BREAKER FAILURE BACK-UP TRIP;
ALTERNATIVE SETTINGS; IN SERVICE

BINARY INPUT OPTIONS:
CIRCUIT-BREAKER CLOSED; CIRCUIT-BREAKER READY;
BLOCKING OF AUTORECLOSING; AUTORECLOSING EXTERNAL ON.

BINARY OUTPUT OPTIONS:
AUTORECLOSING ON; AUTORECLOSING READY;
AUTORECLOSING STARTED,
AUTORECLOSING PULSE TO CIRCUIT-BREAKER,
AUTORECLOSING UNSUCCESSFUL; INTENTIONAL OVERREACH TRIP.

ABSTRACT OF WORK
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Circuit Diagram
Multi-funct current prot

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