MULTI-FUNCTION OVERCURRENT AND 
DIR. EARTH-FAULT PROTECTION 
30C

101 RTXP 18
107 RXUG 22H
113 RXHL 421
125,325 RXME 18

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 110 TO 112 AND 121 TO 122 AT RL=48-60V DC

PROGRAMMABLE FUNCTIONS FOR BINARY INPUTS:
BLOCKING/ENABLING i>, i>, i>, IN, UN
THERMAL RESET 0, BREAKER FAILURE EXTERNAL START,
CHANGING OF CHARACTERISTIC ANGLE α 0° TO 90° OR -90° TO 0°;
ALternative SETTings; REset of LED INDICATIONS.

PROGRAMMABLE FUNCTIONS FOR BINARY OUTPUTS:
START AND TRIP i>, i>, i>, i>, IN, UN;
THERMAL ARM B, THERMAL TRIP B;
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.

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1MRK 001 007-CA
Prep. PTUA/ TPTD H Raza/ JE 2000-05-29
Circuit Diagram
Asr. PTUA/ Roger Karlsson 2000-05-29
Multi-f dir. O/C prot.

ABB ABB Automation Technologies

1MRK0001098-CA

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