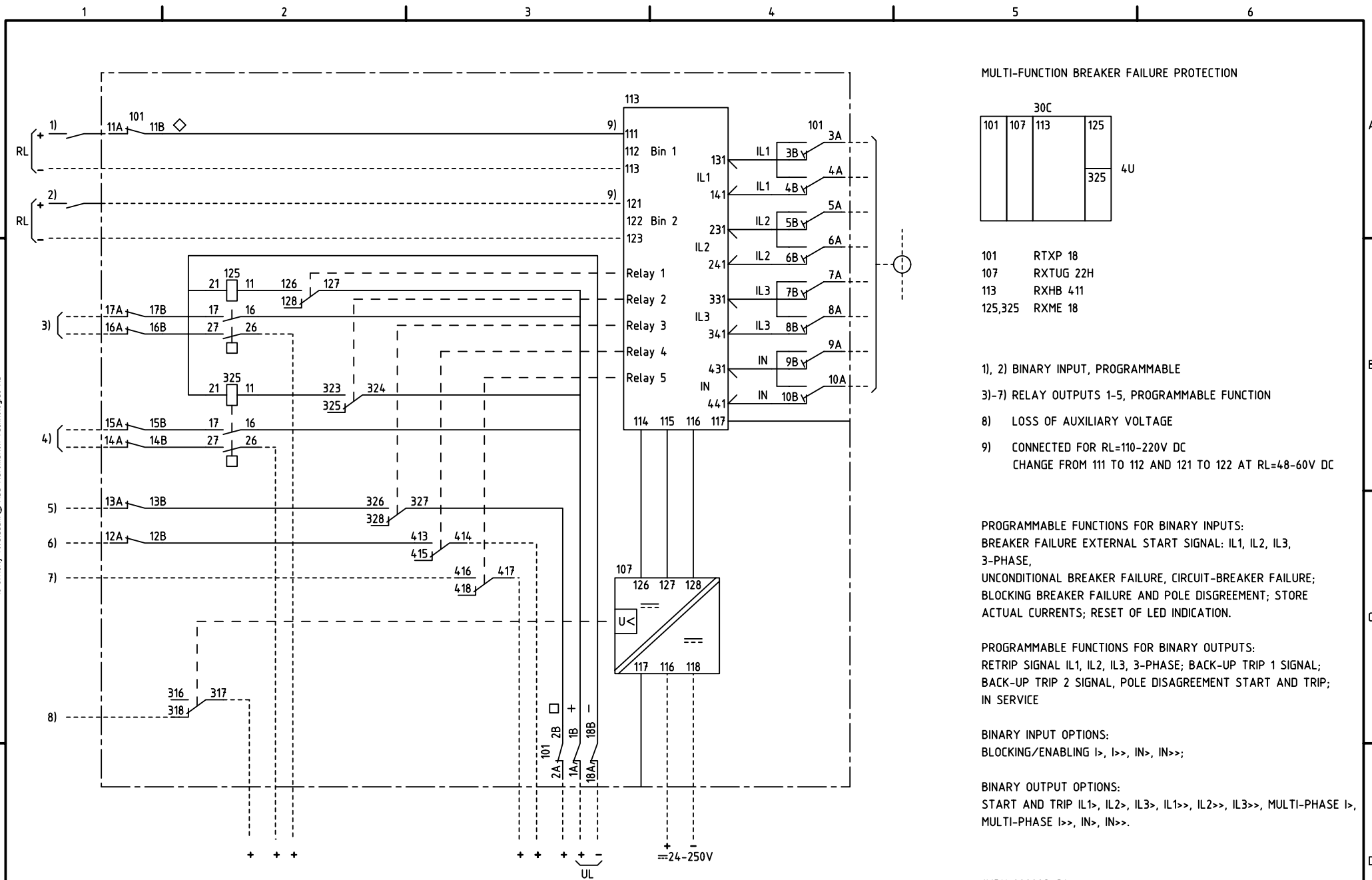
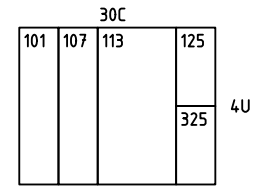


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MULTI-FUNCTION BREAKER FAILURE PROTECTION



- 101 RTXP 18
- 107 RXTUG 22H
- 113 RXHB 411
- 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 111 TO 112 AND 121 TO 122 AT RL=48-60V DC

PROGRAMMABLE FUNCTIONS FOR BINARY INPUTS:
 BREAKER FAILURE EXTERNAL START SIGNAL: IL1, IL2, IL3, 3-PHASE,
 UNCONDITIONAL BREAKER FAILURE, CIRCUIT-BREAKER FAILURE;
 BLOCKING BREAKER FAILURE AND POLE DISGREEMENT; STORE
 ACTUAL CURRENTS; RESET OF LED INDICATION.

PROGRAMMABLE FUNCTIONS FOR BINARY OUTPUTS:
 RETRIP SIGNAL IL1, IL2, IL3, 3-PHASE; BACK-UP TRIP 1 SIGNAL;
 BACK-UP TRIP 2 SIGNAL, POLE DISAGREEMENT START AND TRIP;
 IN SERVICE

BINARY INPUT OPTIONS:
 BLOCKING/ENABLING I>, I>>, IN>, IN>>;

BINARY OUTPUT OPTIONS:
 START AND TRIP IL1>, IL2>, IL3>, IL1>>, IL2>>, IL3>>, MULTI-PHASE I>,
 MULTI-PHASE I>>, IN>, IN>>.

Customer drw no	Prep. PTUA/ TPTD Eriksson Jill 2001-01-04	1MRK 002029-CA	Circuit Diagram	Cont. sh/ No of sh	
	Appr. PTUA/ TATD Karlsson Roger 2001-01-11				Multi-function breaker failure protection
	Resp. dept PTUA/ TPTD	Document number	Lang. en	Rev. -	Sheet 1
Based on	ABB ABB Automation Technologies		1MRK002029-CA		

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