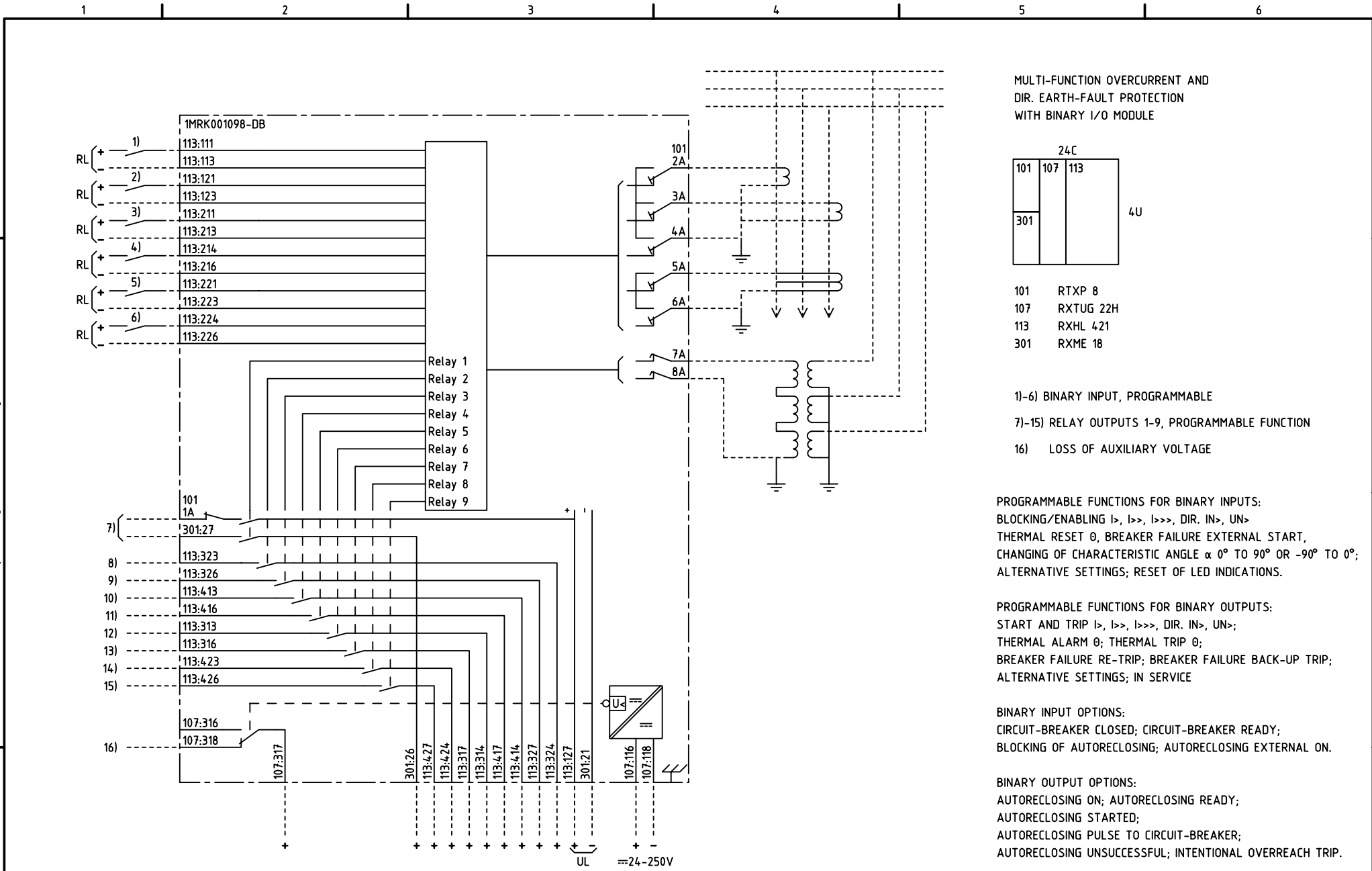
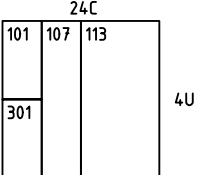


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MULTI-FUNCTION OVERCURRENT AND DIR. EARTH-FAULT PROTECTION WITH BINARY I/O MODULE



- 101 RTXP 8
- 107 RXTUG 22H
- 113 RXHL 421
- 301 RXME 18

- 1)-6) BINARY INPUT, PROGRAMMABLE
- 7)-15) RELAY OUTPUTS 1-9, PROGRAMMABLE FUNCTION
- 16) LOSS OF AUXILIARY VOLTAGE

PROGRAMMABLE FUNCTIONS FOR BINARY INPUTS:
 BLOCKING/ENABLING I>, I>>, I>>>, DIR. 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>>>, DIR. IN>, UN>;
 THERMAL ALARM 0; THERMAL TRIP 0;
 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.

Customer drw no	Prep. PTUA/ TPTD H Raza/JE 2000-02-29	Connection Diagram	Cont. sh/ No of sh		
	Appr. PTUA/ Roger Karlsson 2000-03-17			Multi-f dir. O/C prot.	
	Resp. dept PTUA/ TPTD				
Based on	ABB ABB Automation Technologies	Document number 1MRK001098-DBA	Lang. en	Rev. -	Sheet 1

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