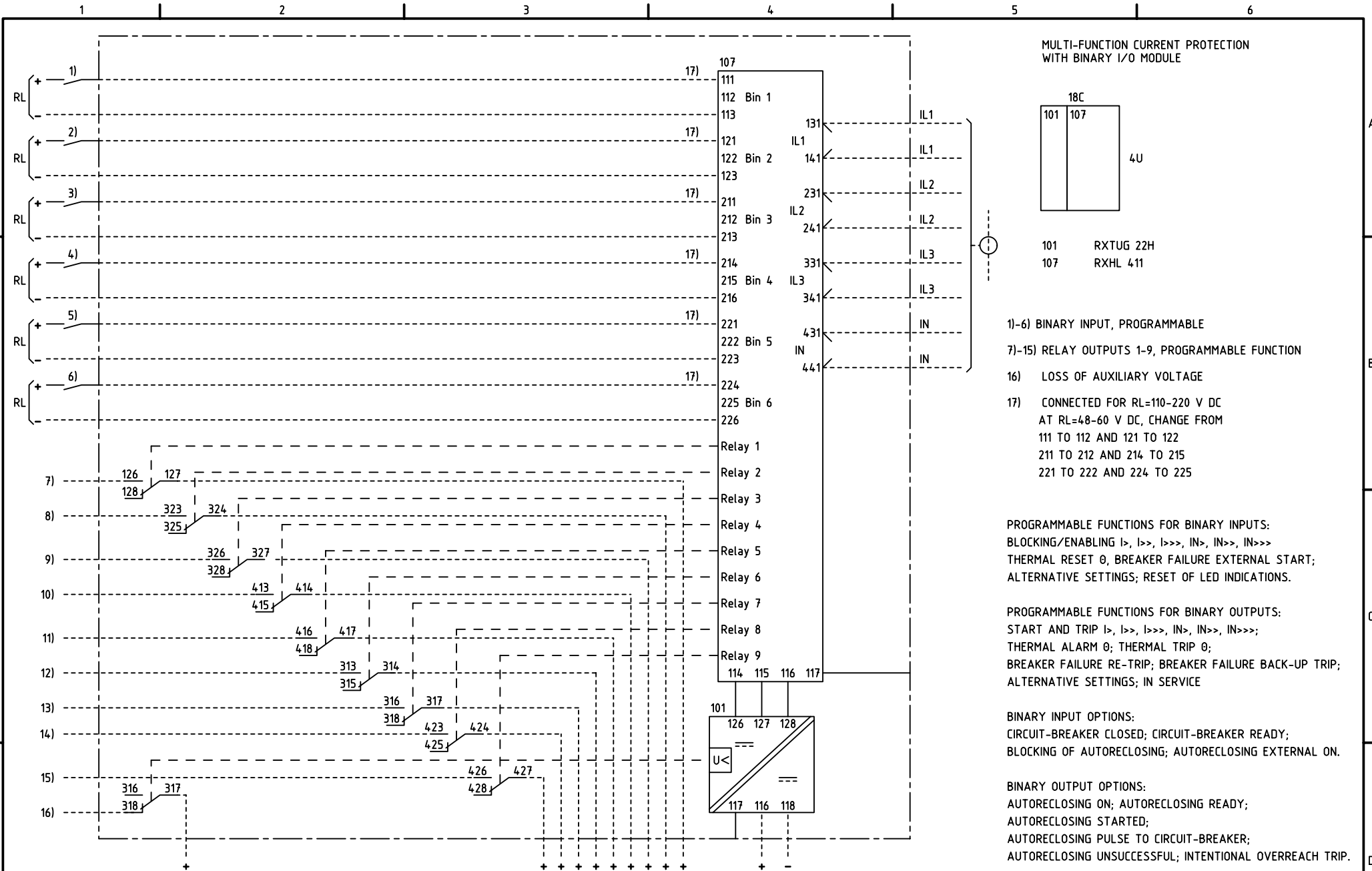
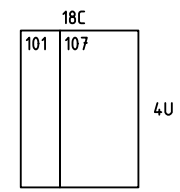


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**MULTI-FUNCTION CURRENT PROTECTION WITH BINARY I/O MODULE**



101 RXTUG 22H  
107 RXHL 411

- 1)-6) BINARY INPUT, PROGRAMMABLE
- 7)-15) RELAY OUTPUTS 1-9, PROGRAMMABLE FUNCTION
- 16) LOSS OF AUXILIARY VOLTAGE
- 17) CONNECTED FOR RL=110-220 V DC  
AT RL=48-60 V DC, CHANGE FROM  
111 TO 112 AND 121 TO 122  
211 TO 212 AND 214 TO 215  
221 TO 222 AND 224 TO 225

PROGRAMMABLE FUNCTIONS FOR BINARY INPUTS:  
BLOCKING/ENABLING I>, I>>, I>>>, IN>, IN>>, IN>>>  
THERMAL RESET 0, BREAKER FAILURE EXTERNAL START;  
ALTERNATIVE SETTINGS; RESET OF LED INDICATIONS.

PROGRAMMABLE FUNCTIONS FOR BINARY OUTPUTS:  
START AND TRIP I>, I>>, I>>>, IN>, IN>>, IN>>>;  
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	2000-03-24	1MRK 001 082-FA	Circuit Diagram	Cont. sh/ No of sh		
	Appr. PTUA/ Roger Karlsson	2000-03-24				Multi-f current prot.	
	Resp. dept PTUA/ TPTD						
Based on	<b>ABB</b> ABB Automation Technologies		Document number	1MRK001083-FB	Lang. en	Rev. A	Sheet 1

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