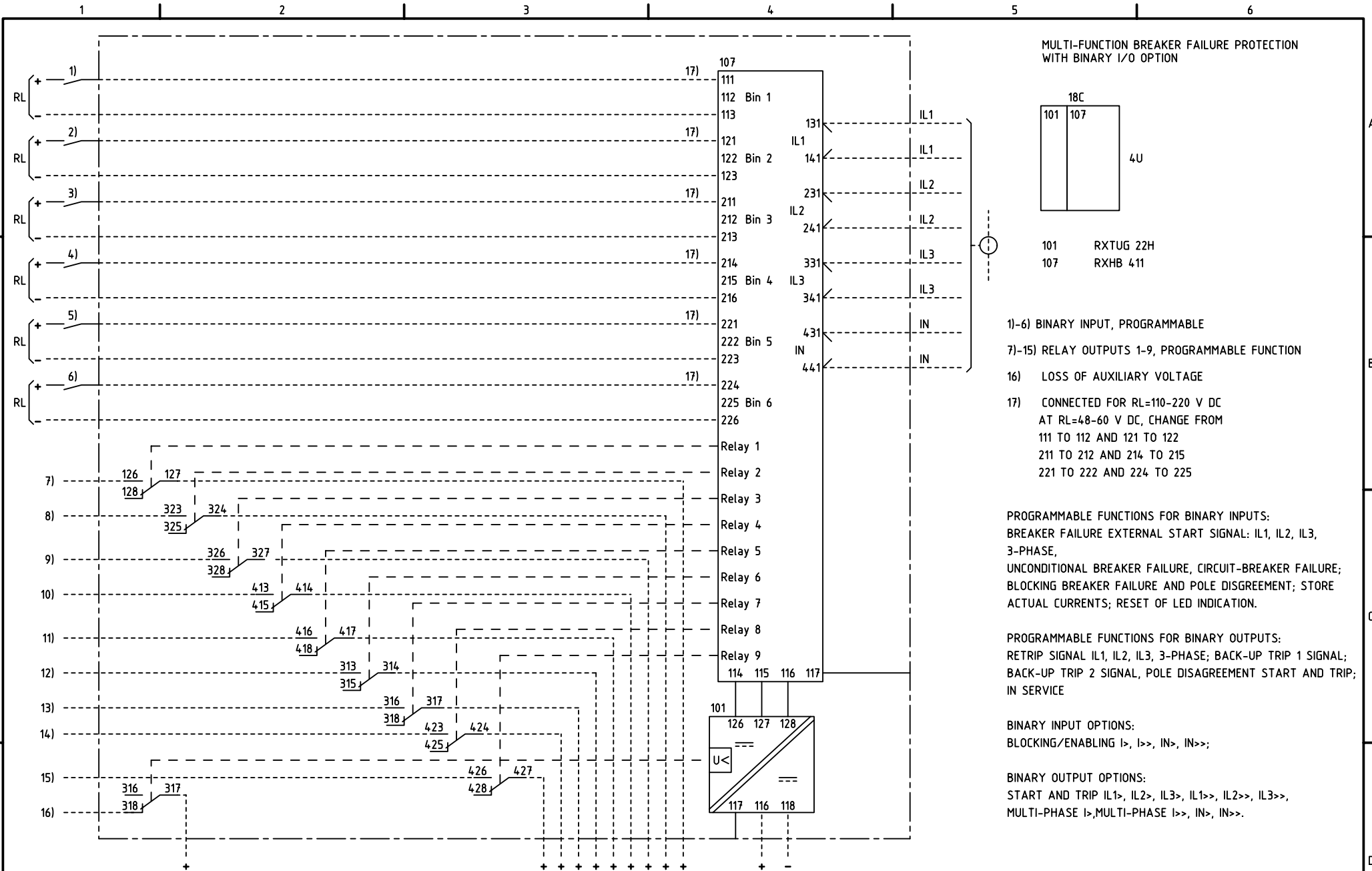
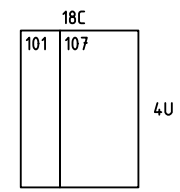


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**MULTI-FUNCTION BREAKER FAILURE PROTECTION WITH BINARY I/O OPTION**



101 RXTUG 22H  
107 RXHB 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:**  
BREAKER FAILURE EXTERNAL START SIGNAL: IL1, IL2, IL3, 3-PHASE,  
UNCONDITIONAL BREAKER FAILURE, CIRCUIT-BREAKER FAILURE;  
BLOCKING BREAKER FAILURE AND POLE DISAGREEMENT; 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 |>, |>>, |N>, |N>>;

**BINARY OUTPUT OPTIONS:**  
START AND TRIP |L1>, |L2>, |L3>, |L1>>, |L2>>, |L3>>;  
MULTI-PHASE |>, MULTI-PHASE |>>, |N>, |N>>.

Customer drw no	Prep. PTUA/ TPTD Eriksson Jill	2001-01-04	1MRK 002028-AA	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.	Rev.	
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