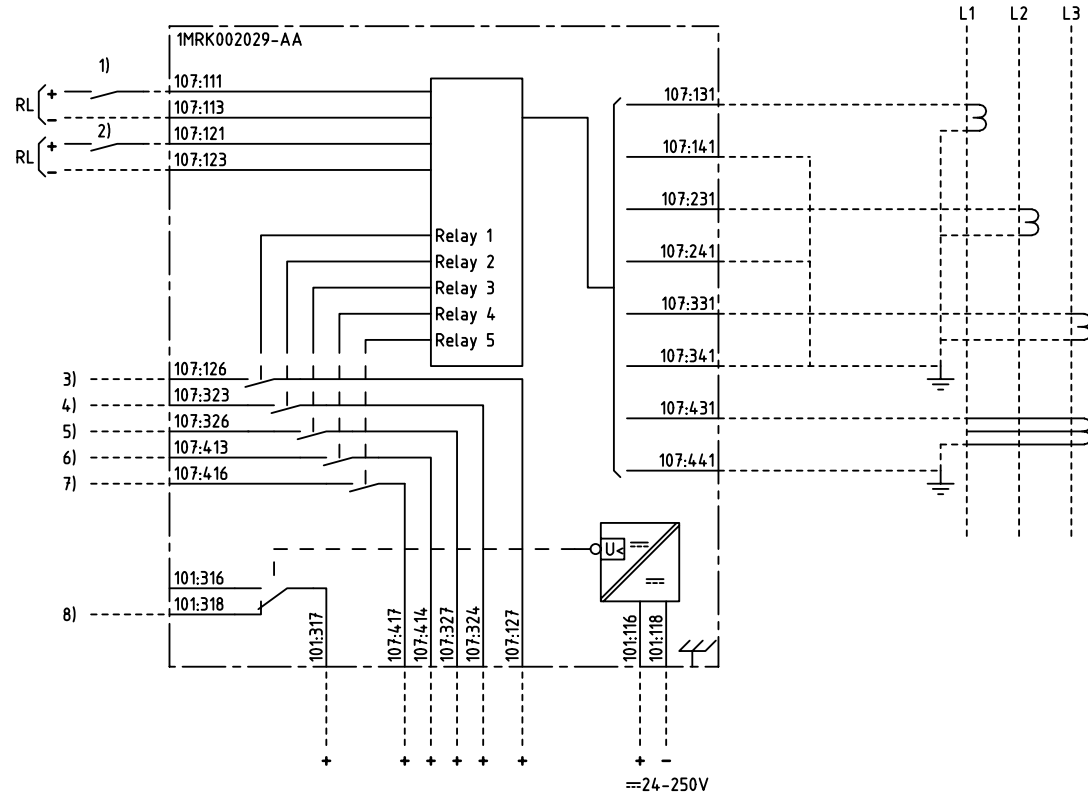
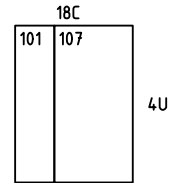


We reserve all rights in this document and in the information contained therein. Reproduction, use or distribution of this document without the written authority is strictly forbidden. © ABB Automation Technologies AB



MULTI-FUNCTION BREAKER FAILURE PROTECTION



101 RXTUG 22H  
107 RXHB 411

- 1), 2) BINARY INPUT, PROGRAMMABLE
- 3)-7) RELAY OUTPUTS 1-5, PROGRAMMABLE FUNCTION
- 8) LOSS OF AUXILIARY VOLTAGE

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	Connection Diagram	Conf. sh/ No of sh
	Appr. PTUA/ TATD Karlsson Roger 2001-01-11		
	Resp. dept PTUA/ TPTD	Document number	Sheet
Based on	<b>ABB</b> ABB Automation Technologies	1MRK002029-AAA	1
		Lang. en	Rev. -

Document status: Approved