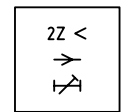
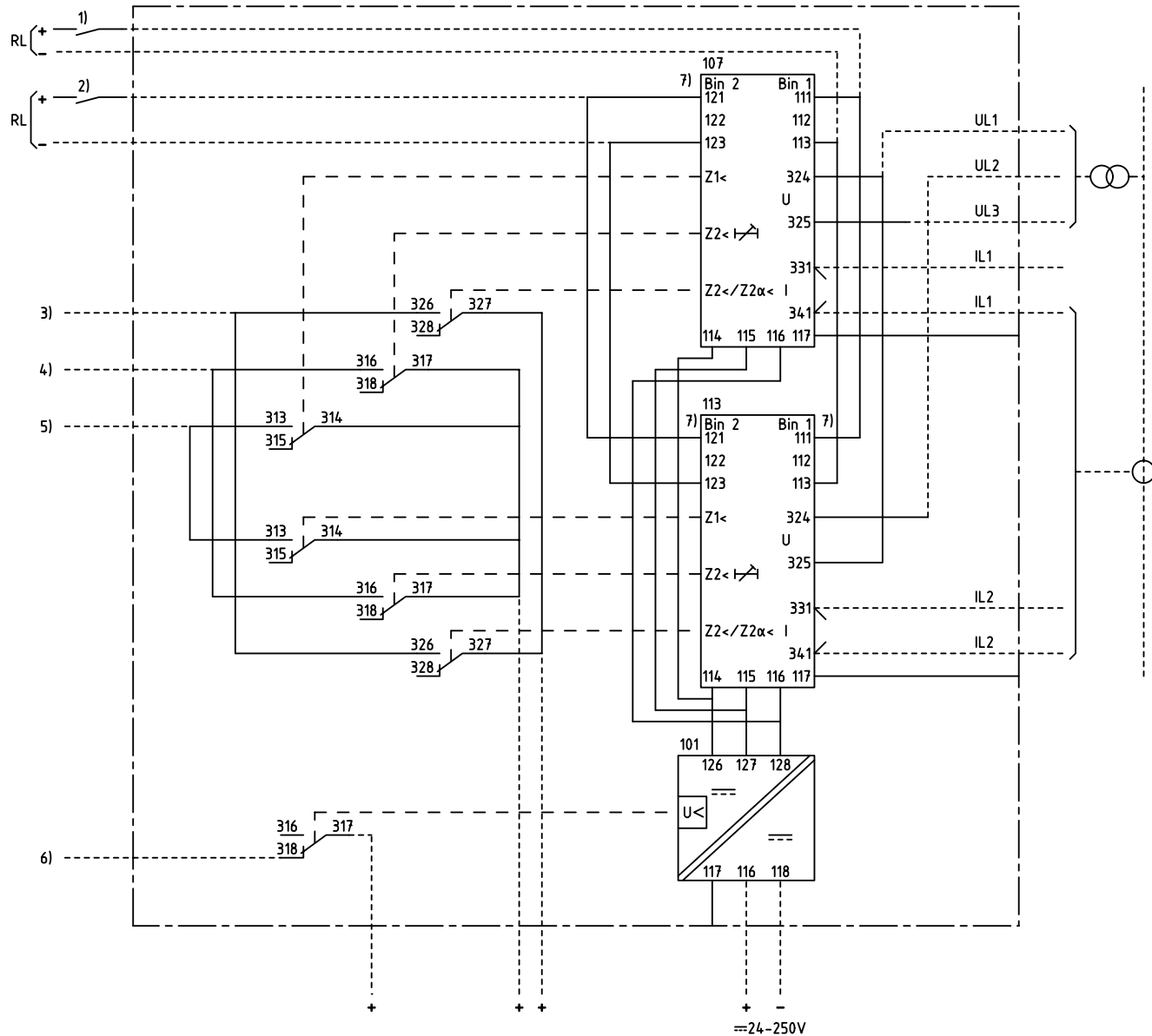
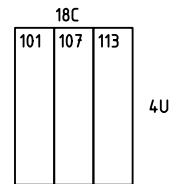


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2-PH UNDERIMPEDANCE PROTECTION DELAYED



101 RXTUG 22H
107,113 RXZK 21H

- 1) BLOCKING OF ALL THE FUNCTIONS EXCEPT $Z2\alpha<$, FUNCTION $Z2<$ CHANGES TO AN INSTANTANEOUS FUNCTION.
- 2) RESETTING OF INDICATION
- 3) UNDERIMPEDANCE $Z2</Z2\alpha<$, START
- 4) UNDERIMPENANCE $Z2<$, TRIPPING
- 5) UNDERIMPEDANCE $Z1<$, TRIPPING
- 6) LOSS OF AUXILIARY VOLTAGE
- 7) CONNECTED FOR $RL=110-220V$ DC CHANGE FROM 111 TO 112 AND 121 TO 122 AT $RL=48-60V$ DC

Customer drw no	Prep. PTUA/ TPTD Eriksson Jill 2000-11-24	1MRK 001064-HA	
	Appr. PTUA/ TATD Karlsson Roger 2001-03-27	Circuit Diagram	
Resp. dept PTUA/ TPTD	2-phase underimpedance protection		Conf. sh/ No of sh
Based on	ABB Automation Technologies	Document number 1MRK001065-HA	

Document status: Approved