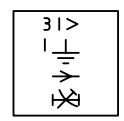
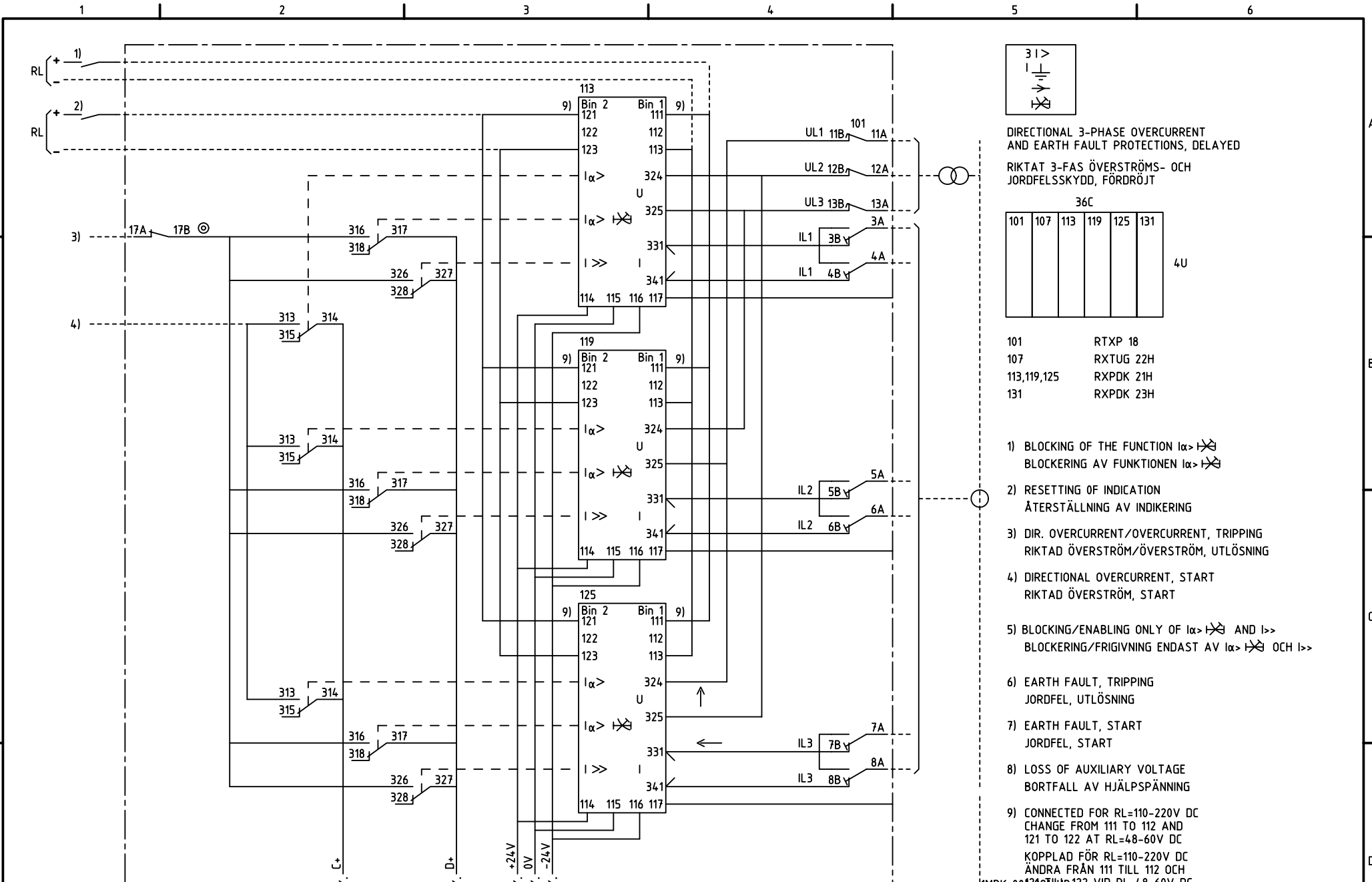


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DIRECTIONAL 3-PHASE OVERCURRENT AND EARTH FAULT PROTECTIONS, DELAYED
RIKTAT 3-FAS ÖVERSTRÖMS- OCH JORDFELSSKYDD, FÖRDRÖJT

36C					
101	107	113	119	125	131
4U					

101	RTPX 18
107	RXTUG 22H
113,119,125	RXPDK 21H
131	RXPDK 23H

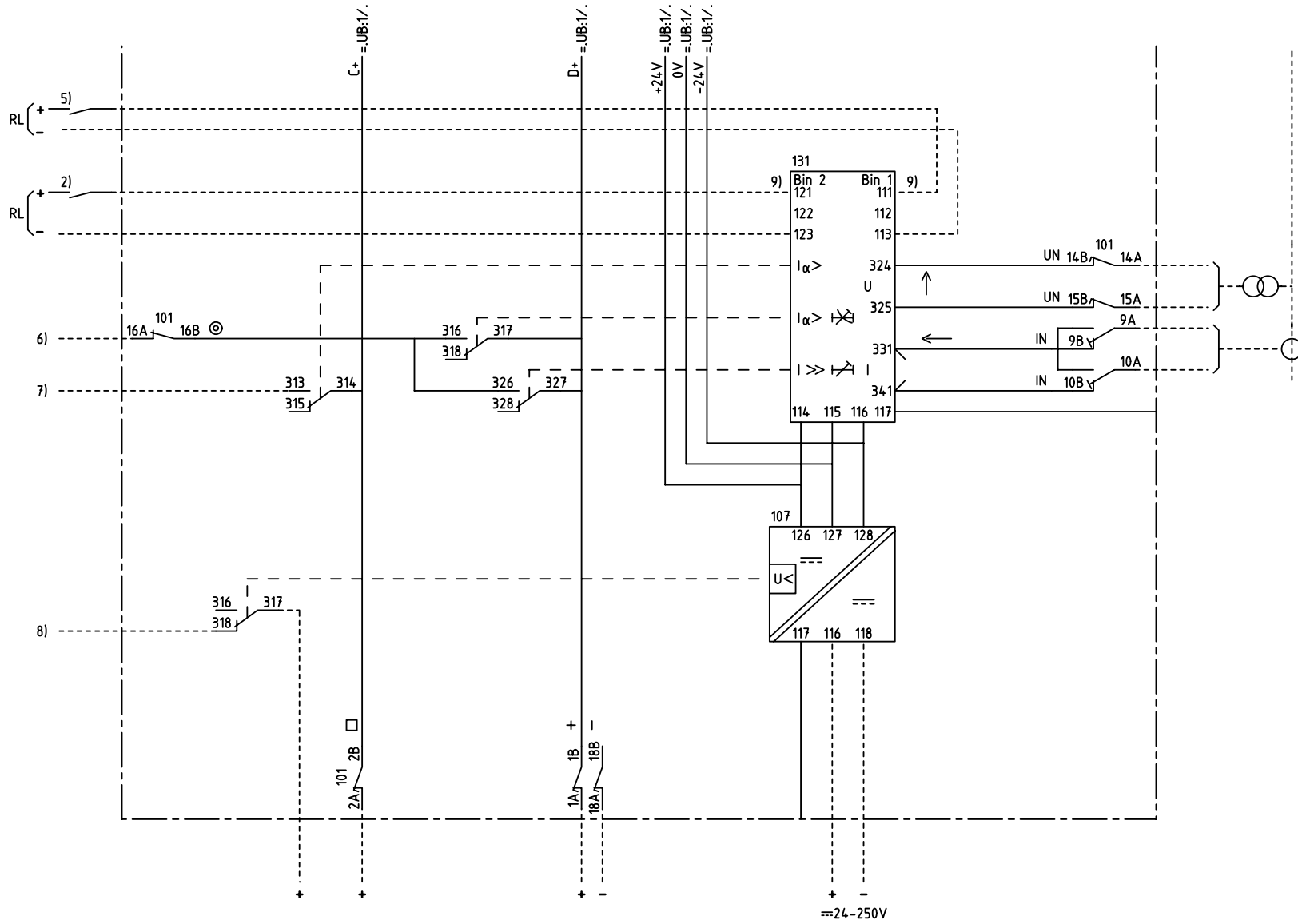
- 1) BLOCKING OF THE FUNCTION $I_{\alpha} >$ AND BLOCKERING AV FUNKTIONEN $I_{\alpha} >$
- 2) RESETTING OF INDICATION ÅTERSTÄLLNING AV INDIKERING
- 3) DIR. OVERCURRENT/OVERCURRENT, TRIPPING RIKTAD ÖVERSTRÖM/ÖVERSTRÖM, UTLÖSNING
- 4) DIRECTIONAL OVERCURRENT, START RIKTAD ÖVERSTRÖM, START
- 5) BLOCKING/ENABLING ONLY OF $I_{\alpha} >$ AND $I >$ BLOCKERING/FRIGIVNING ENDAST AV $I_{\alpha} >$ OCH $I >$
- 6) EARTH FAULT, TRIPPING JORDFEL, UTLÖSNING
- 7) EARTH FAULT, START JORDFEL, START
- 8) LOSS OF AUXILIARY VOLTAGE BORTFALL AV HJÄLPSPÄNNING
- 9) CONNECTED FOR RL=110-220V DC CHANGE FROM 111 TO 112 AND 121 TO 122 AT RL=48-60V DC KOPPLAD FÖR RL=110-220V DC ÄNDRA FRÅN 111 TILL 112 OCH 121 TILL 122 VID RL=48-60V DC

Customer draw no.	Prep. PTUA/ TPTD H Raza/JE 1999-03-29	Circuit Diagram	Cont. sh/ No of sh
	Appr. PTUA/ Roger Karlsson 1999-06-01	Dir. O/C and E/F prot.	2
	Resp. dept PTUA/ TPTD	Document number	Sheet
	Based on	1MRK001092-UB	1
		Lang. 82	Rev. -



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Customer drw no	Prep. PTUA/ TPTD H Raza/JE	1999-03-29	Circuit Diagram	Conf. sh/ No of sh
	Appr. PTUA/ Roger Karlsson	1999-06-01		
	Resp. dept PTUA/ TPTD		Document number	Lang.
Based on				
	ABB ABB Automation Technologies		Rev.	Sheet
			-	2

Document status: Approved