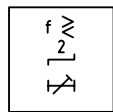
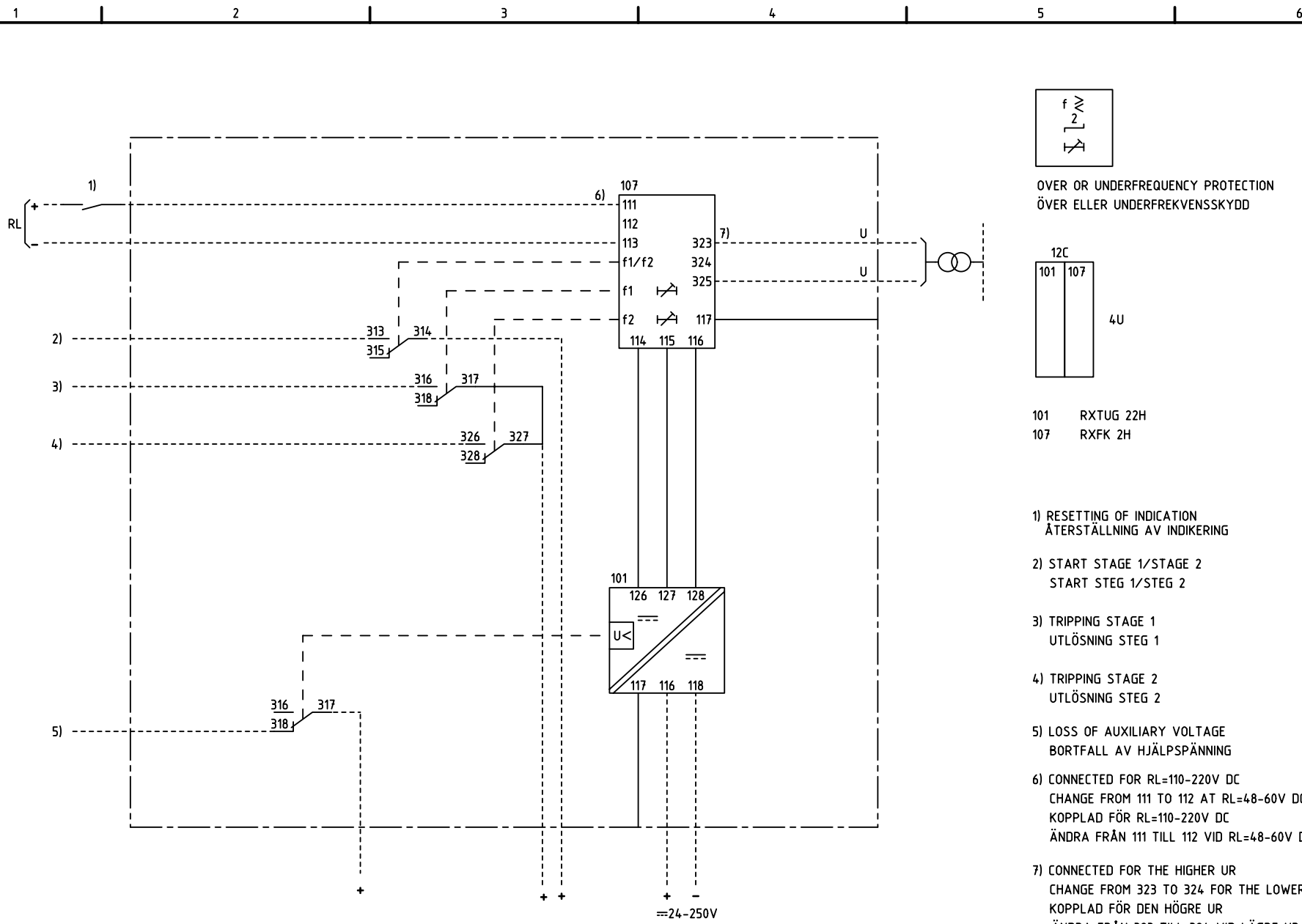
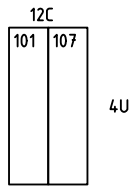


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OVER OR UNDERFREQUENCY PROTECTION  
ÖVER ELLER UNDERFREKVENSSKYDD



101 RXTUG 22H  
107 RXFK 2H

- 1) RESETTING OF INDICATION  
ÅTERSTÄLLNING AV INDIKERING
- 2) START STAGE 1/STAGE 2  
START STEG 1/STEG 2
- 3) TRIPPING STAGE 1  
UTLÖSNING STEG 1
- 4) TRIPPING STAGE 2  
UTLÖSNING STEG 2
- 5) LOSS OF AUXILIARY VOLTAGE  
BORTFALL AV HJÄLPSPÄNNING
- 6) CONNECTED FOR RL=110-220V DC  
CHANGE FROM 111 TO 112 AT RL=48-60V DC  
KOPPLAD FÖR RL=110-220V DC  
ÄNDRA FRÅN 111 TILL 112 VID RL=48-60V DC
- 7) CONNECTED FOR THE HIGHER UR  
CHANGE FROM 323 TO 324 FOR THE LOWER UR  
KOPPLAD FÖR DEN HÖGRE UR  
ÄNDRA FRÅN 323 TILL 324 VID LÄGRE UR

ELCAD ID TPTD/render      DATE 2004-06-227:56      1MRK 001 025-CA      Issued in ARCADE

Prepared 96-09-27 C-H EINVALL/KJ		CIRCUIT DIAGRAM		Resp dep TPTD		Rev ind 1 97.05		Lang 82	
Approved 96-10-17 Peter Jenøker		RAFK FREQUENCY PROTECTION		Sheet 1		Lang 82		Lang 82	
Rev Ind Revision		Reg No 7411		1MRK 001 026-CA		Sheet 1		Lang 82	
Based on		Pcl 890 546		ABB ABB Network Partner AB		Cont		Lang 82	