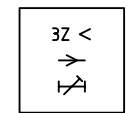
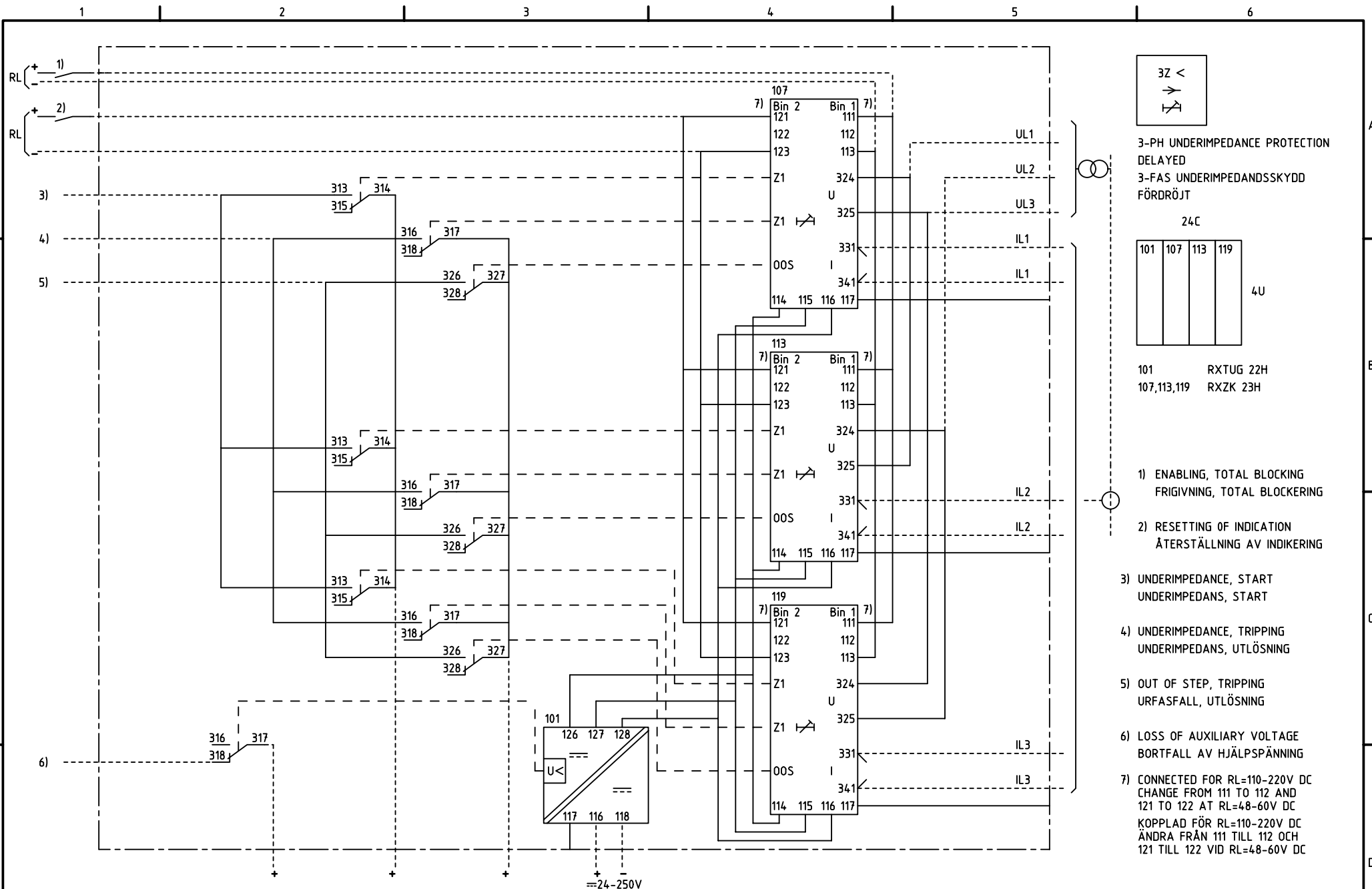
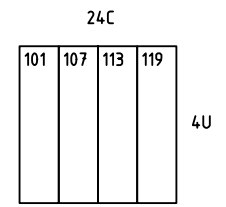


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3-PH UNDERIMPEDANCE PROTECTION  
DELAYED  
3-FAS UNDERIMPEDANSSKYDD  
FÖRDRÖJT



101 RXTUG 22H  
107,113,119 RXZK 23H

- 1) ENABLING, TOTAL BLOCKING  
FRIGIVNING, TOTAL BLOCKERING
- 2) RESETTING OF INDICATION  
ÅTERSTÄLLNING AV INDIKERING

- 3) UNDERIMPEDANCE, START  
UNDERIMPEDANS, START
- 4) UNDERIMPEDANCE, TRIPPING  
UNDERIMPEDANS, UTLÖSNING
- 5) OUT OF STEP, TRIPPING  
URFASFALL, UTLÖSNING
- 6) LOSS OF AUXILIARY VOLTAGE  
BORTFALL AV HJÄLPSPÄNNING
- 7) 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

ELCAD ID PS/render      DATE 2004-06-22:29      1MRK 001 067-YA      Issued in ARCADE

Prepared 97-01-09 H Raza/L Bergman		CIRCUIT DIAGRAM/KRETSSCHEMA		Resp dep PS		Rev ind 1 9724		Lang 82	
Approved 97-01-29 P Jenåker		RAZK 233 3-PHASE UNDERIMPEDANCE PROT.		1MRK 001 068-YA		Sheet 1			
Rev Ind Revision		Reg No 7411		ABB ABB Network Partner AB		Cont			
Based on		Pct 890.557							