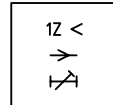
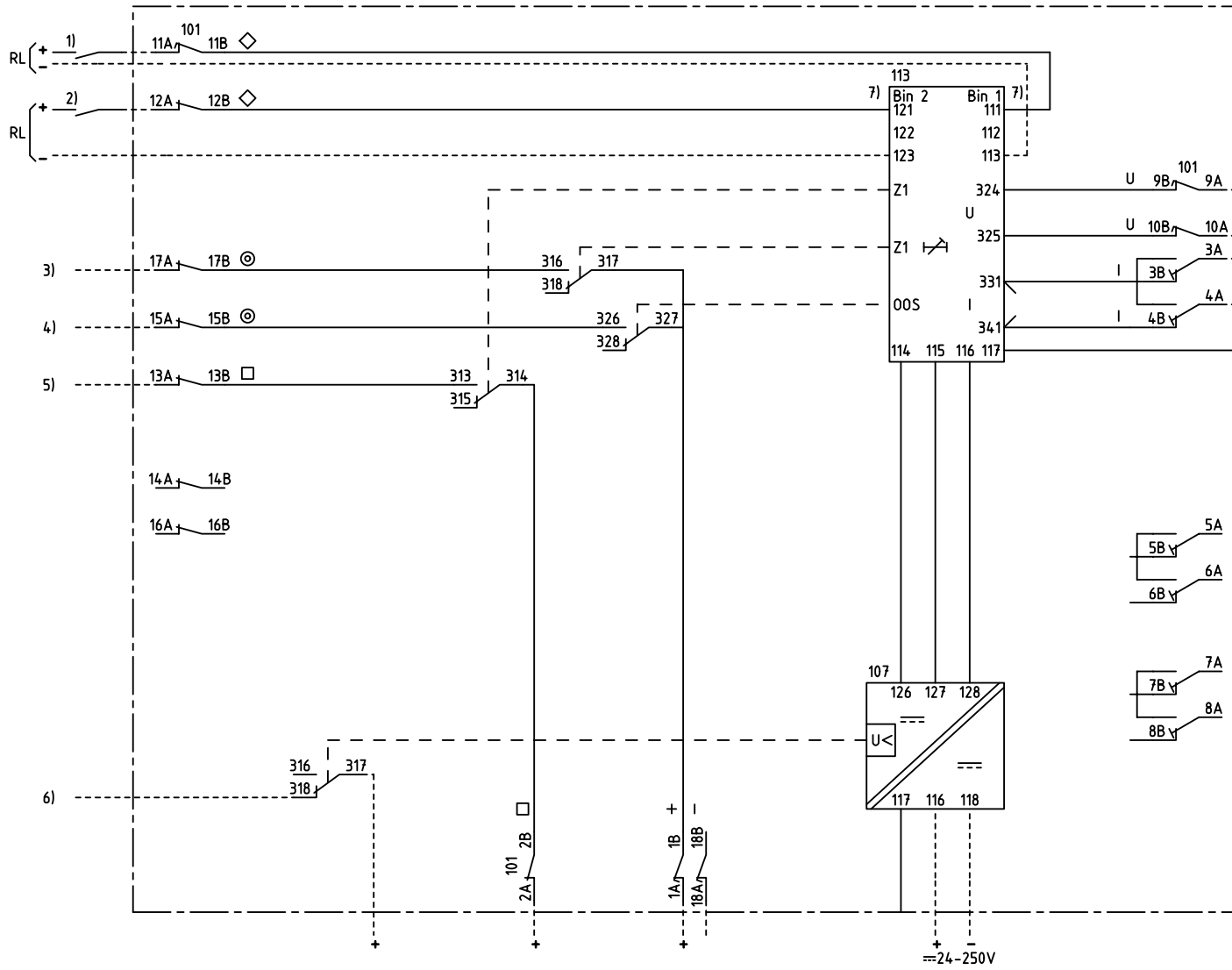


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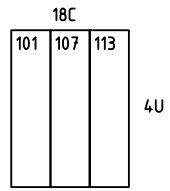
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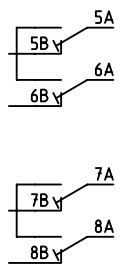


1-PH UNDERIMPEDANCE PROTECTION
 DELAYED
 1-FAS UNDERIMPEDANSSKYDD
 FÖRDRÖJT



101 RTXP 18
 107 RXTUG 22H
 113 RXZK 23 H

- 1) TOTAL BLOCKING
TOTAL BLOCKERING
- 2) RESETING OF INDICATION
ÅTERSTÄLLNING AV INDIKERING
- 3) UNDERIMPEDANCE, TRIPPING
UNDERIMPEDANS, UTLÖSNING
- 4) OUT OF STEP, TRIPPING
URFASFALL, UTLÖSNING
- 5) UNDERIMPEDANCE, START
UNDERIMPEDANS, START
- 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



D

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ELCAD ID PS/render DATE 2004-06-2219:13 1MRK 001 067-DA Issued in ARCADE

Prepared 97-01-09 C-H Einvall/L Bergman		CIRCUIT DIAGRAM/KRETSSCHEMA		Resp dep PS		Rev ind 1 97.27		Lang 82	
Approved 97-01-29 P Jenåker		RAZK 231 1-PHASE UNDERIMPEDANCE PROT.		1MRK 001 068-DA		Sheet 1			
Rev Ind Revision		Reg No 7411		ABB ABB Network Partner AB		Cont			
Based on		Pct 890.557							

1 2 3 4 5 6