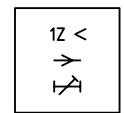
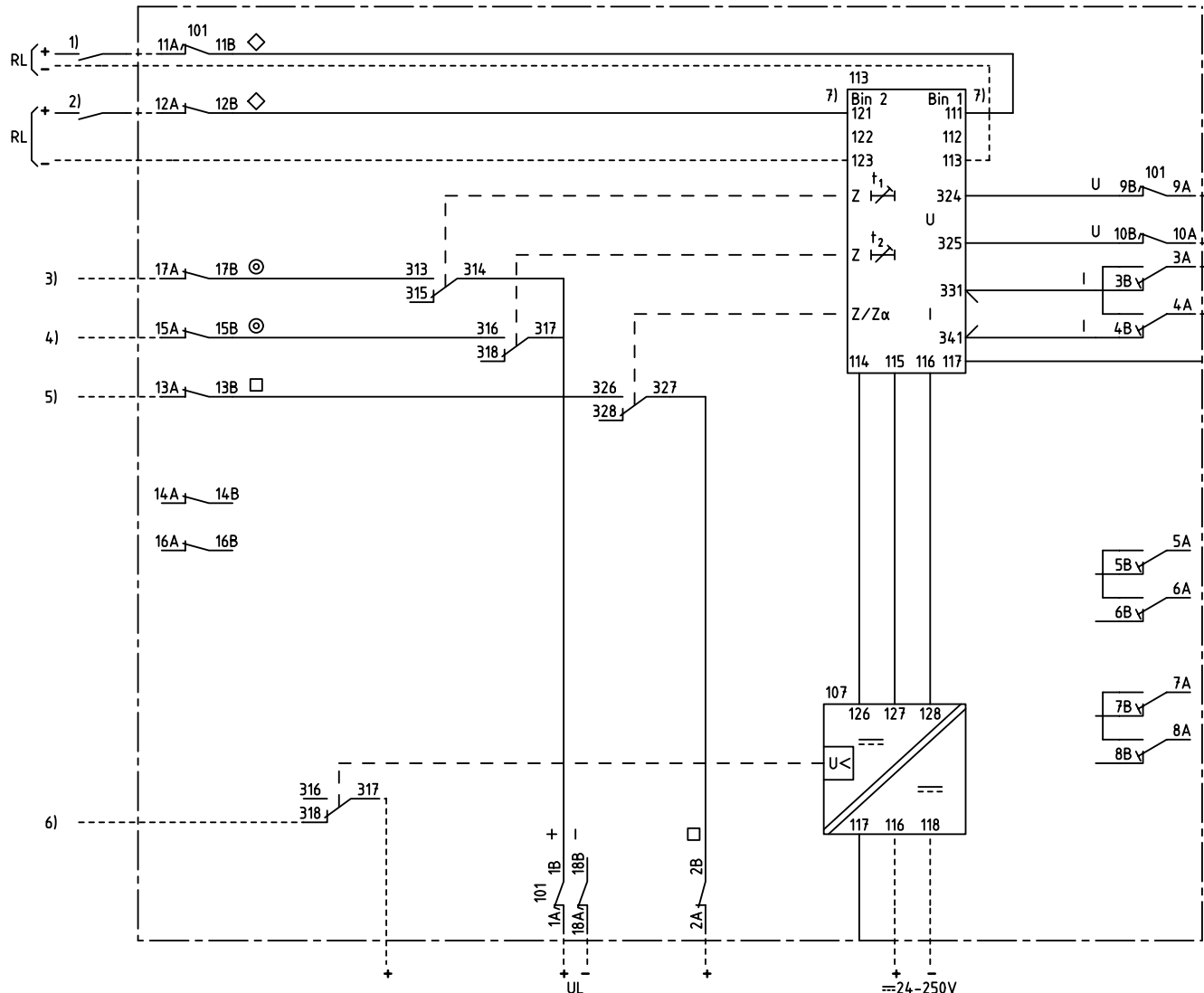
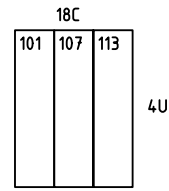


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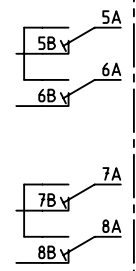


1-PH UNDERIMPEDANCE PROTECTION
 DELAYED
 1-FAS UNDERIMPEDANSSKYDD
 FÖRDRÖJT



101 RTXP 18
 107 RXTUG 22H
 113 RXZK 21H

- 1) BLOCKING OF ALL FUNCTIONS EXCEPT $Z_{\alpha <}$ OR BLOCKING OF TRIP Z_{t1} OR ENABLE OF $Z/Z_{\alpha <}$ OR ACCELERATION OF Z_{t2} .
 BLOCKERING AV ALLA FUNKTIONER UTOM $Z_{\alpha <}$ ELLER BLOCKERING AV UTLÖSNING Z_{t1} ELLER FRIGIVNING AV $Z/Z_{\alpha <}$ ELLER ACCELERATION AV Z_{t2} .
- 2) RESETTING OF INDICATION
 ÅTERSTÄLLNING AV INDIKERING
- 3) UNDERIMPEDANCE, TRIPPING STAGE 1
 UNDERIMPEDANS, UTLÖSNING STEG 1
- 4) UNDERIMPEDANCE, TRIPPING STAGE 2
 UNDERIMPEDANS, UTLÖSNING STEG 2
- 5) UNDERIMPEDANCE/DIR. UNDERIMPEDANCE, START
 UNDERIMPEDANS/RIKTAD 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



| | | | | | | | |
|---------------------|----------|-----------------------------|---------|---------------------------------------|--|------------------------|--------|
| ELCAD ID PAT/render | | DATE 2004-06-234:45 | | 1MRK 001 029-DA | | Issued in ARCADE | |
| | | Prepared 96-06-13 H Raza/LB | | CIRCUIT DIAGRAM/KRETSSCHEMA | | | |
| | | Approved 96-08-19 P Jenåker | | RAZK 211 1-PHASE UNDERIMPEDANCE PROT. | | | |
| | | | | RAZK 211 1-FAS UNDERIMPEDANSSKYDD | | | |
| Rev Ind | Revision | Reg No | 7411 | Resp dep PAT | | Rev ind | 2 9735 |
| Based on | | Pct | 890.557 | Lang | | 82 | |
| | | | | ABB ABB Network Partner AB | | 1MRK 001 030-DA | |
| | | | | | | Sheet | 1 |
| | | | | | | Cont | |