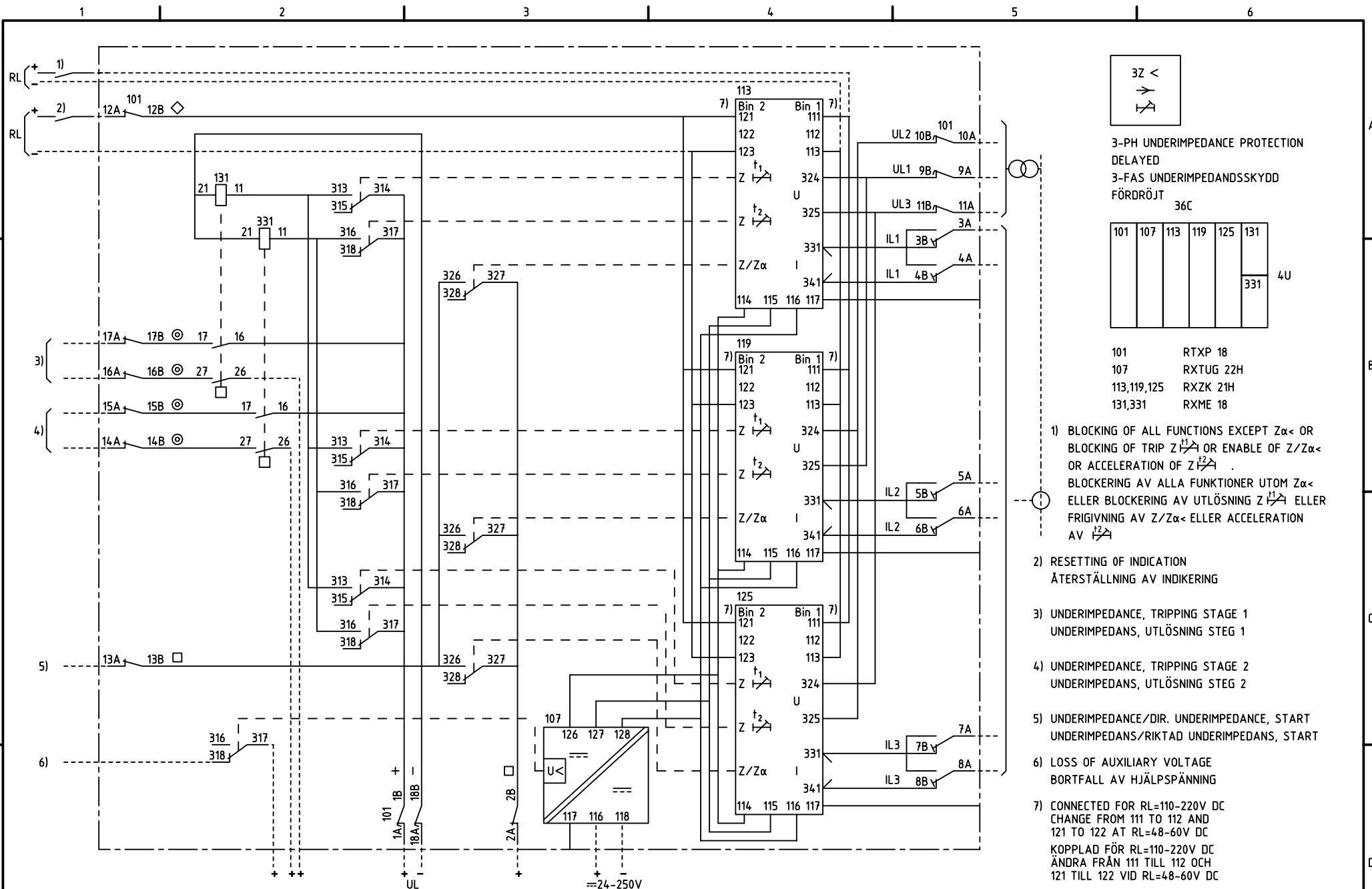


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3Z <  
  
 3- $\Phi$  UNDERIMPEDANCE PROTECTION DELAYED  
 3-FAS UNDERIMPEDANSSKYDD FÖRDRÖJT  
 36C

101	107	113	119	125	131	4U
					331	

101     RTXP 18  
 107     RXTUG 22H  
 113,119,125     RXZK 21H  
 131,331     RXME 18

- 1) BLOCKING OF ALL FUNCTIONS EXCEPT  $Z_{\alpha<}$  OR BLOCKING OF TRIP  $Z_{\alpha<}$  OR ENABLE OF  $Z/Z_{\alpha<}$  OR ACCELERATION OF  $Z_{\alpha<}$   
 BLOCKERING AV ALLA FUNKTIONER UTOM  $Z_{\alpha<}$  ELLER BLOCKERING AV UTLÖSNING  $Z_{\alpha<}$  ELLER FRIGIVNING AV  $Z/Z_{\alpha<}$  ELLER ACCELERATION AV  $Z_{\alpha<}$
- 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 HJÄLPPSPÄNNING
- 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 2004-06-227:51                      1MRK 001 029-ZA                      Issued in ARCADE

Prepared 96-06-13     H Raza/LB		CIRCUIT DIAGRAM/KRETSSHEMA		+ .	
Approved 96-08-19     P Jenåker		RAZK 213 3-PHASE UNDERIMPEDANCE PROT.		Resp dep PAT     Rev ind 3 9735     Lang 82	
Rev Ind     Revision     Reg No 7411		RAZK 213 3-FAS UNDERIMPEDANSSKYDD		Sheet 1	
Based on     Pcl 890.557		ABB ABB Network Partner AB		Cont	