

Wendelhofstr. 6
 D-78120 Furtwangen/Germany
 Phone: +49 (0)7723-925-0
 Fax: +49 (0)7723-925-100
 eMail: info@IEF-Werner.de




Circuit diagram

Customer :
 Plant designation : PA-CONTROL Single CPU4
 Project number : 1027197

Type : 1 Axis english
 Manufacturing date : 2002
 Incoming supply : 230V/50Hz/16A
 Feeding : 3x1,5mm²
 Fuse protection : 16A
 Control voltage : 24V

Created on : 16.10.02 Highest Page No. : 12
 Project leader :
 Last changed : 28.06.05
 Editor : VOL

Editor		Date		Title page	Customer	Drawing-no. IEF	Page no.
Designer:	VOL	16.10.02				1027197	1
Modification:	VOL	28.06.05			Final customer	Drawing-no. customer	Pages
Print:		11.01.07					12
System:	Place:			PA-CONTROL Single CPU4			

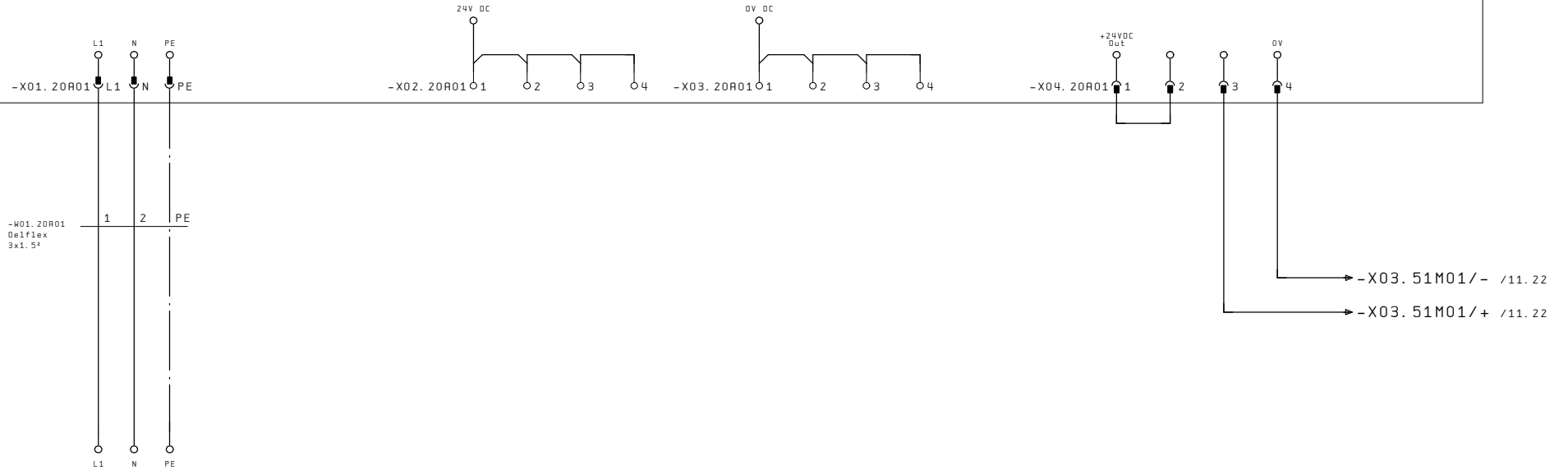
-A01.20
5.02

PA-CONTROL Single

(X1.1)
Power supply 230V/50Hz

(X1.2)
Power supply 24VDC/3A

(X5)
Brake



Editor		Date
Designer:	VOL	16.10.02
Modification:	VOL	28.06.05
Print:		11.01.07
System:	Place:	



PAC Single Power supply	
PA-CONTROL Single CPU4	

Customer	Drawing-no. IEF	Page no.
	1027197	4
Final customer	Drawing-no. customer	Pages
		12

-A01. 20
4. 02

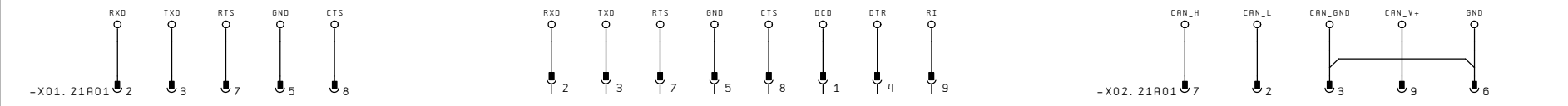
PA-CONTROL Single


-A01. 21

(X1)
COM1 Interface

CPU 4

(X2)
CAN Interface



Editor		Date	
Designer:	VOL	16.10.02	
Modification:	VOL	28.06.05	
Print:		11.01.07	
System:	Place:		

PAC Single
Interface connection

PA-CONTROL Single CPU4

Customer	Drawing-no. IEF	Page no.
	1027197	5
Final customer	Drawing-no. customer	Pages
		12

-A01.20
4.02

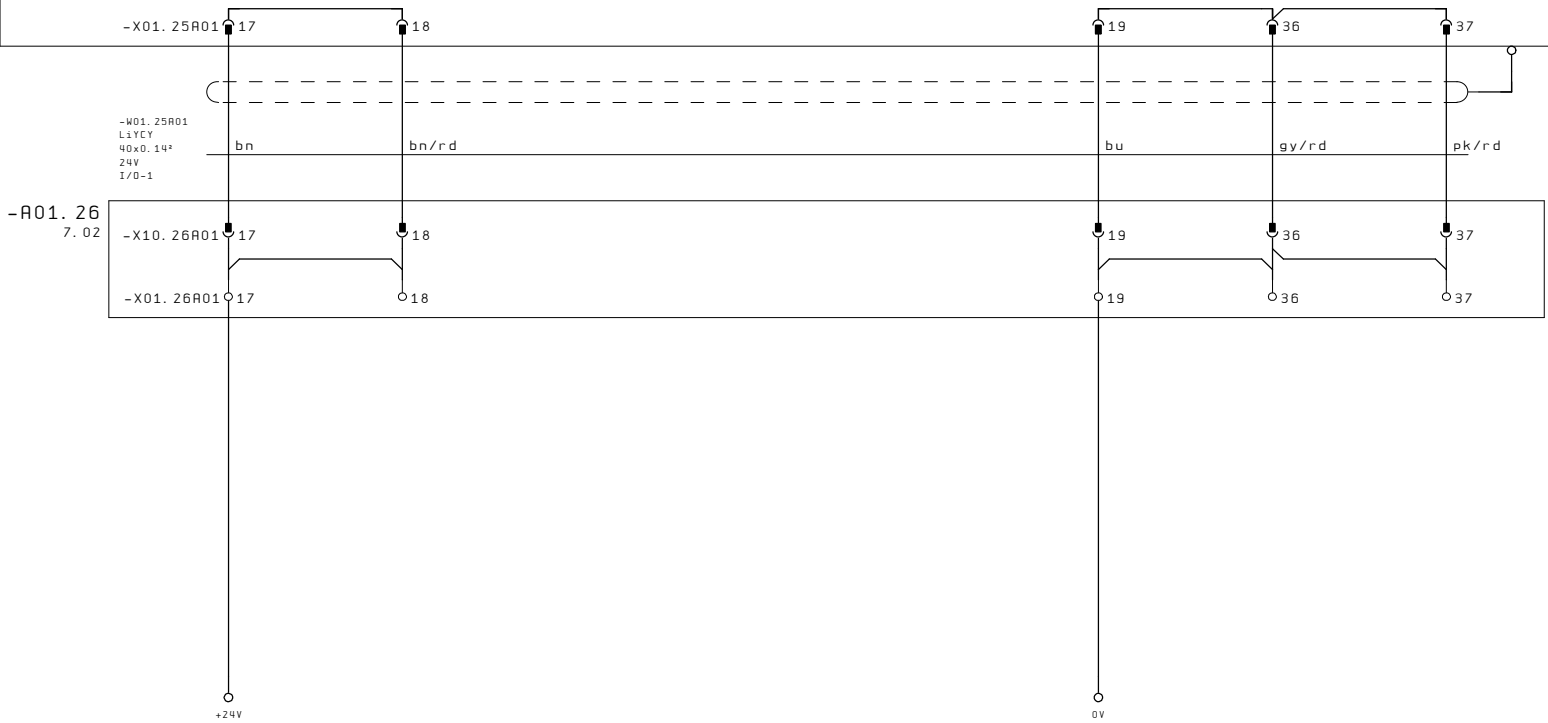
PA-CONTROL Single


-A01.25
7.02

PAC Single I/O-card 1

Pin 17: +24V for In-Outputs
Pin 18: +24V for In-Outputs

Pin 19: earth 24v (gnd)
Pin 36: earth 24v (gnd)
Pin 37: earth 24v (gnd)

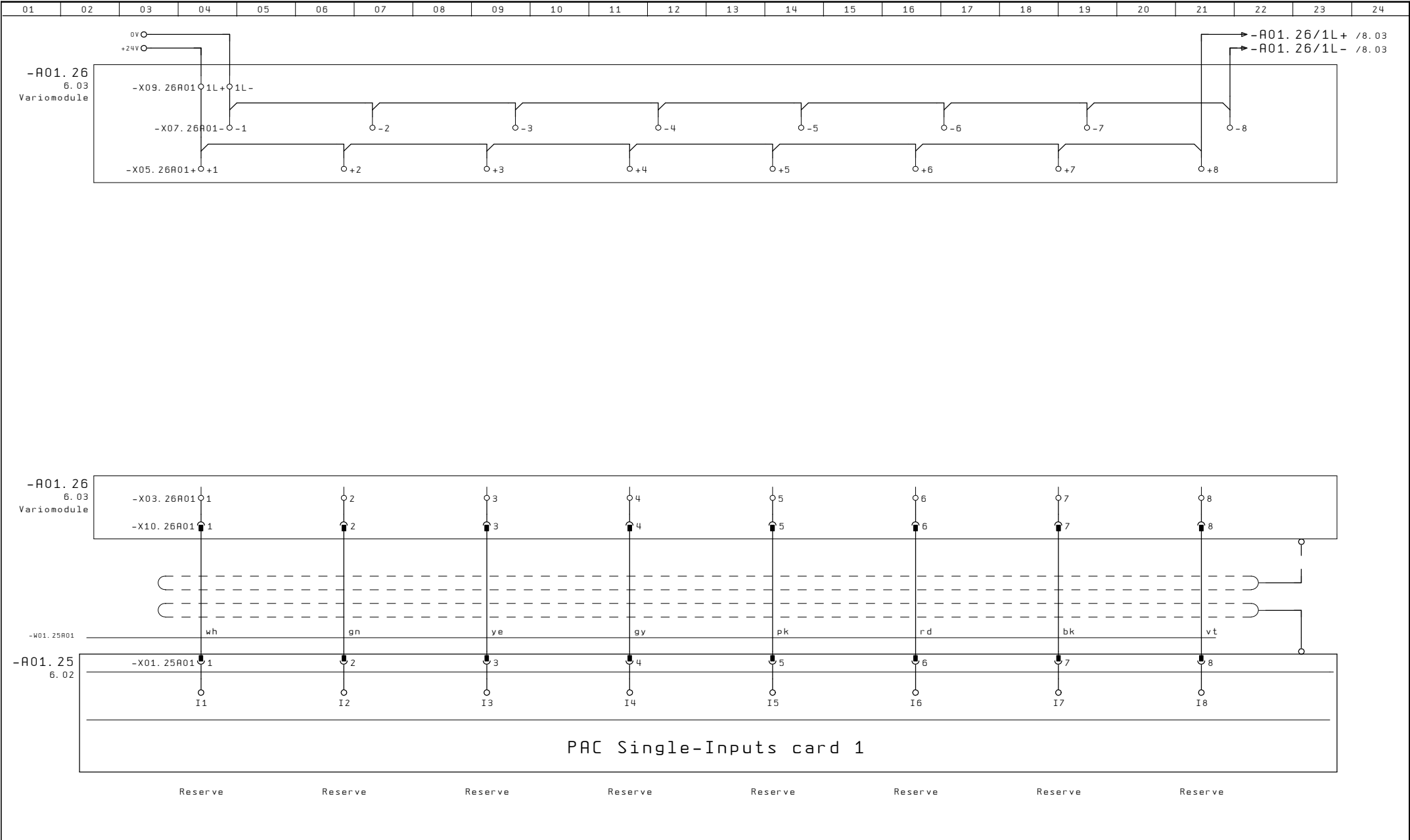


Editor		Date	
Designer:	VOL	16.10.02	
Modification:	VOL	28.06.05	
Print:		11.01.07	
System:	Place:		

Power supply PAC
Single I/O-card

PA-CONTROL Single CPU4

Customer	Drawing-no. IEF	Page no.
	1027197	6
Final customer	Drawing-no. customer	Pages
		12



Editor	Date
Designer: VOL	16.10.02
Modification: VOL	28.06.05
Print:	11.01.07
System:	Place:

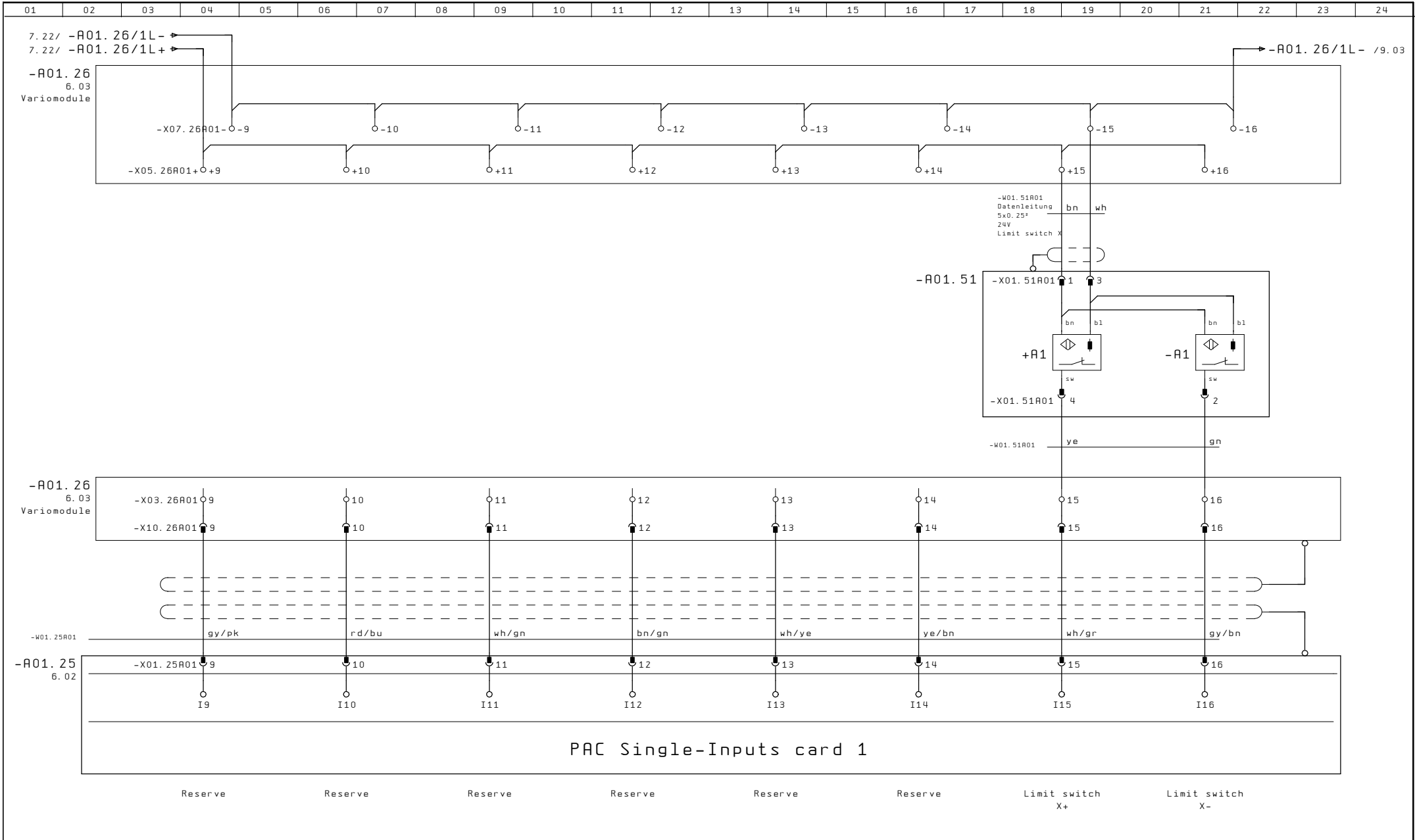



PAC Single Inputs I1-I8
PA-CONTROL Single CPU4

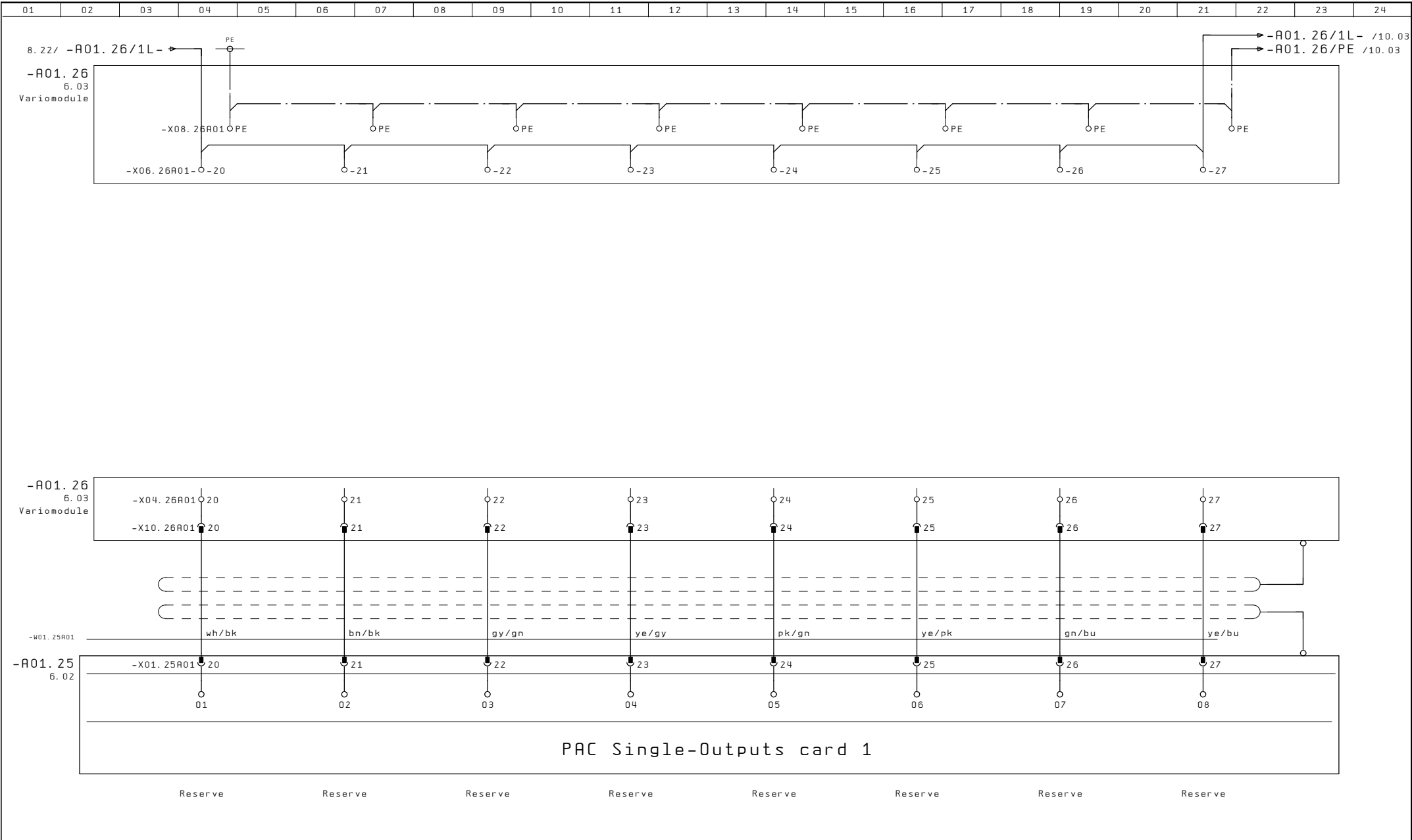
Customer
Final customer


Drawing-no. IEF
1027197
Drawing-no. customer

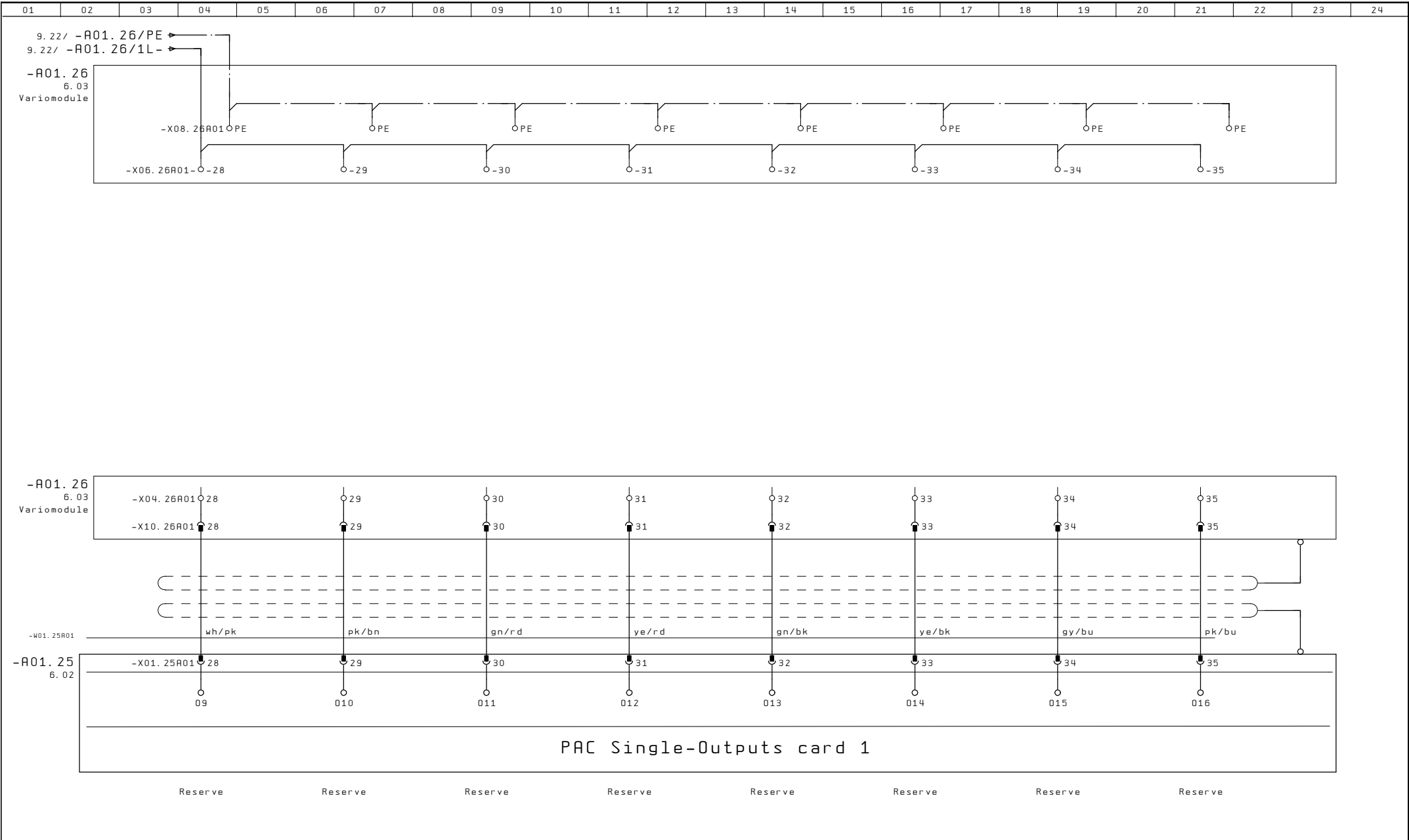
Page no.
7
Pages
12



Editor		Date			PAC Single Inputs I9-I16 PA-CONTROL Single CPU4	Customer		Drawing-no. IEF		Page no.	
Designer:	VOL	16.10.02				1027197		8			
Modification:	VOL	28.06.05				Drawing-no. customer		Pages			
Print:		11.01.07							12		
System:	Place:										



Editor		Date			PAC Single Outputs 01-08 PA-CONTROL Single CPU4	Customer	Drawing-no. IEF	Page no.
Designer:	VOL	16.10.02				1027197	9	
Modification:	VOL	28.06.05						
Print:		11.01.07		Final customer	Drawing-no. customer	Pages		
System:	Place:						12	



Editor	Date	 WERNER	PAC Single Outputs	Customer	Drawing-no. IEF	Page no.
Designer: VOL	16.10.02		09-016		1027197	10
Modification: VOL	28.06.05			Final customer	Drawing-no. customer	Pages
Print: 11.01.07			PA-CONTROL Single CPU4			12
System:	Place:					

-A01.20
4.02

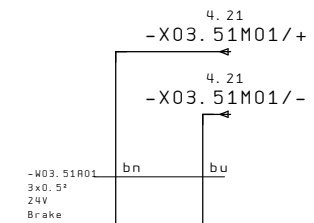
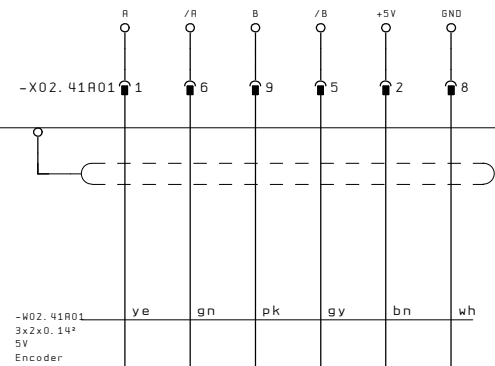
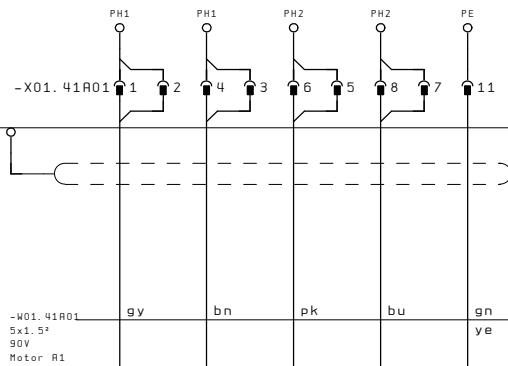
PA-CONTROL Single

-A01.41

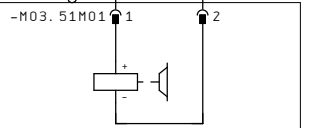
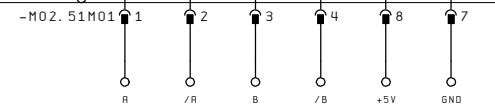
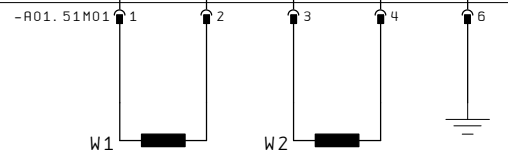
Power card 1

(X2) Motor

(X4) ENC




-M01.51



Motor

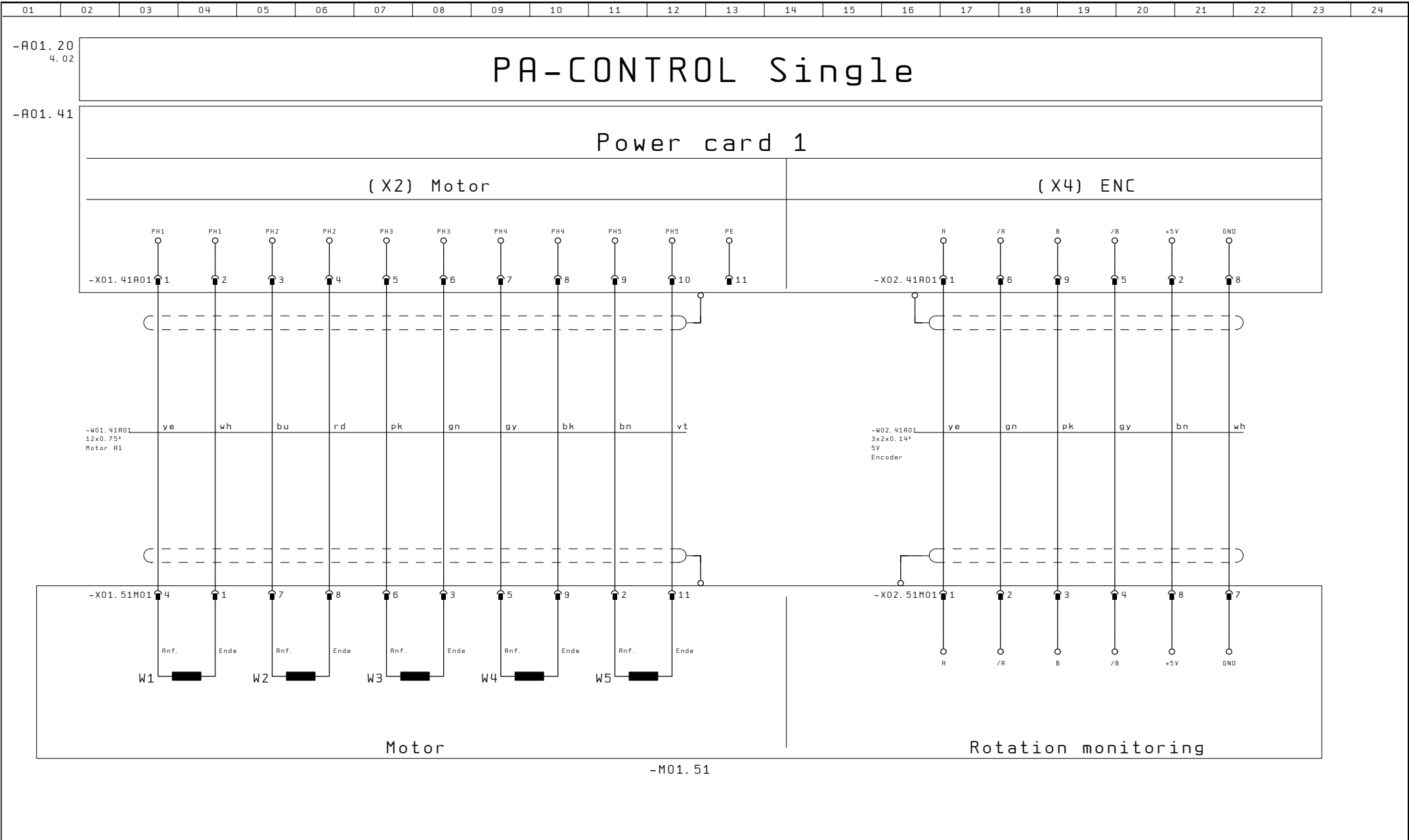
Rotation monitoring

Brake

Editor		Date	
Designer:	VOL	16.10.02	
Modification:	VOL	28.06.05	
Print:		11.01.07	
System:	Place:		

Power card 1
2 phases stepping motor
PA-CONTROL Single CPU4

Customer	Drawing-no. IEF	Page no.
	1027197	11
Final customer	Drawing-no. customer	Pages
		12



Editor	Date	 Power card 1 5 phases stepping motor PA-CONTROL Single CPU4	Customer	Drawing-no. IEF	Page no.
Designer:	VOL 16.10.02			1027197	12
Modification:	VOL 28.06.05				
Print:	11.01.07				
System:	Place:		Final customer	Drawing-no. customer	Pages
					12