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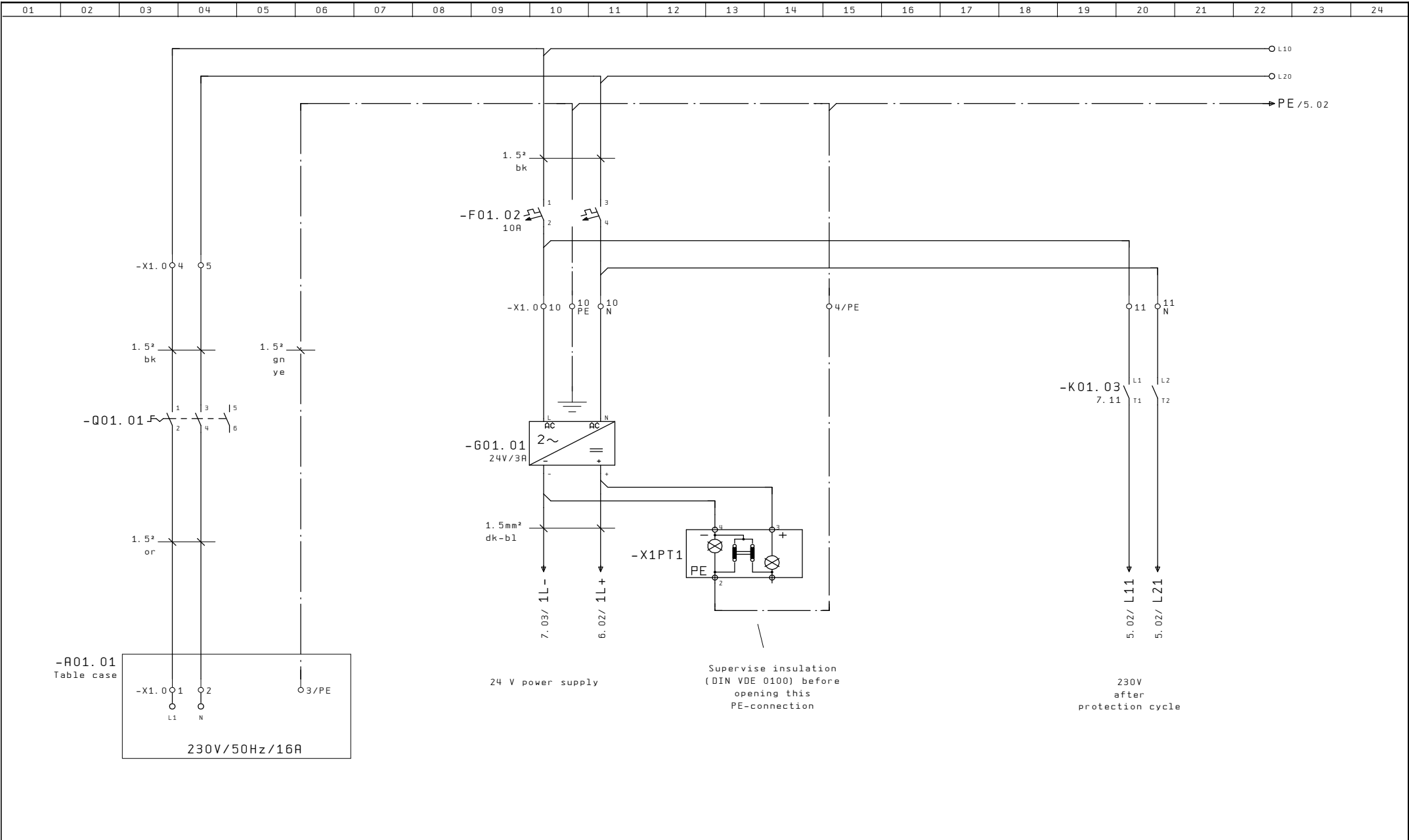
Circuit diagram

Customer :
 Plant designation : PA-CONTROL 4 Single Var. H
 Project number : 1033745

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

Created on : 16.12.02 Highest Page No. : 18
 Project leader : A.Pfeiffer
 Last changed : 29.06.05
 Editor : VOL

Editor		Date		Title page	Customer	Drawing-no. IEF	Page no.
Designer:	VOL	16.12.02				1033745	1
Modification:	VOL	29.06.05			Final customer	Drawing-no. customer	Pages
Print:		11.01.07					18
System:	Place:			PA-CONTROL 4 Single Var. H			



Editor		Date
Designer:	VOL	16.12.02
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System:	Place:	



Main connection - 24V Power supply

PA-CONTROL 4 Single Var. H

Customer	Drawing-no. IEF	Page no.
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Final customer	Drawing-no. customer	Pages
		18

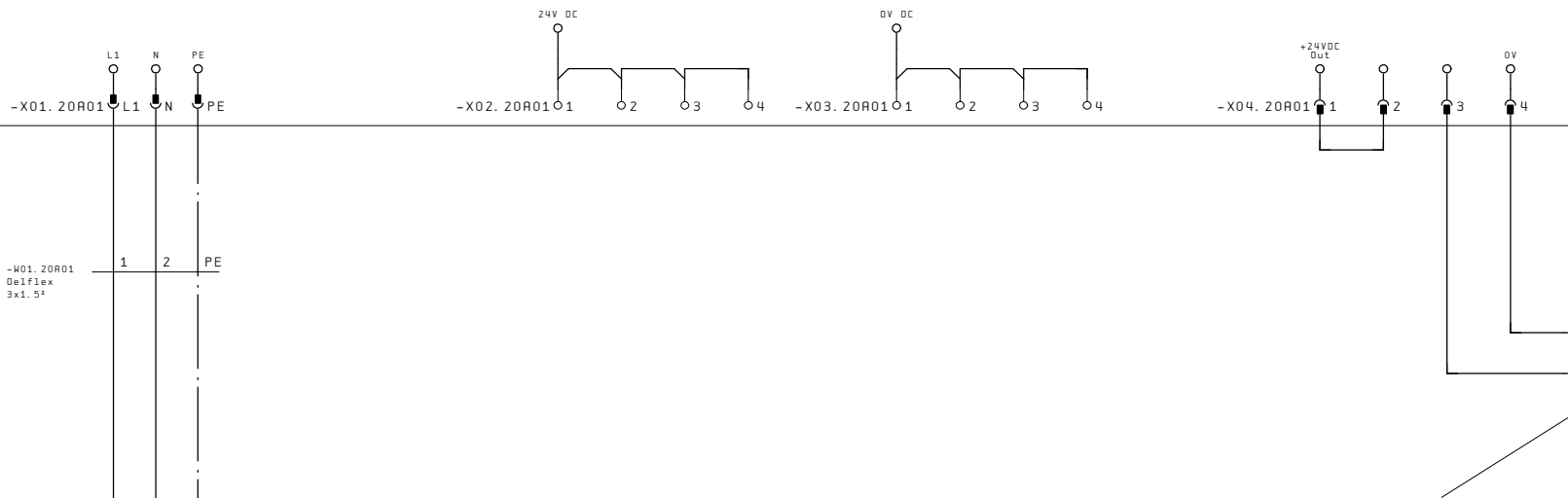
-A01. 20
8. 02

PA-CONTROL Single

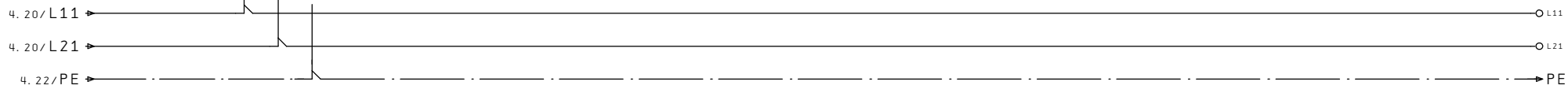
(X1. 1)
Power supply 230V/50Hz


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

(X5)
Brake



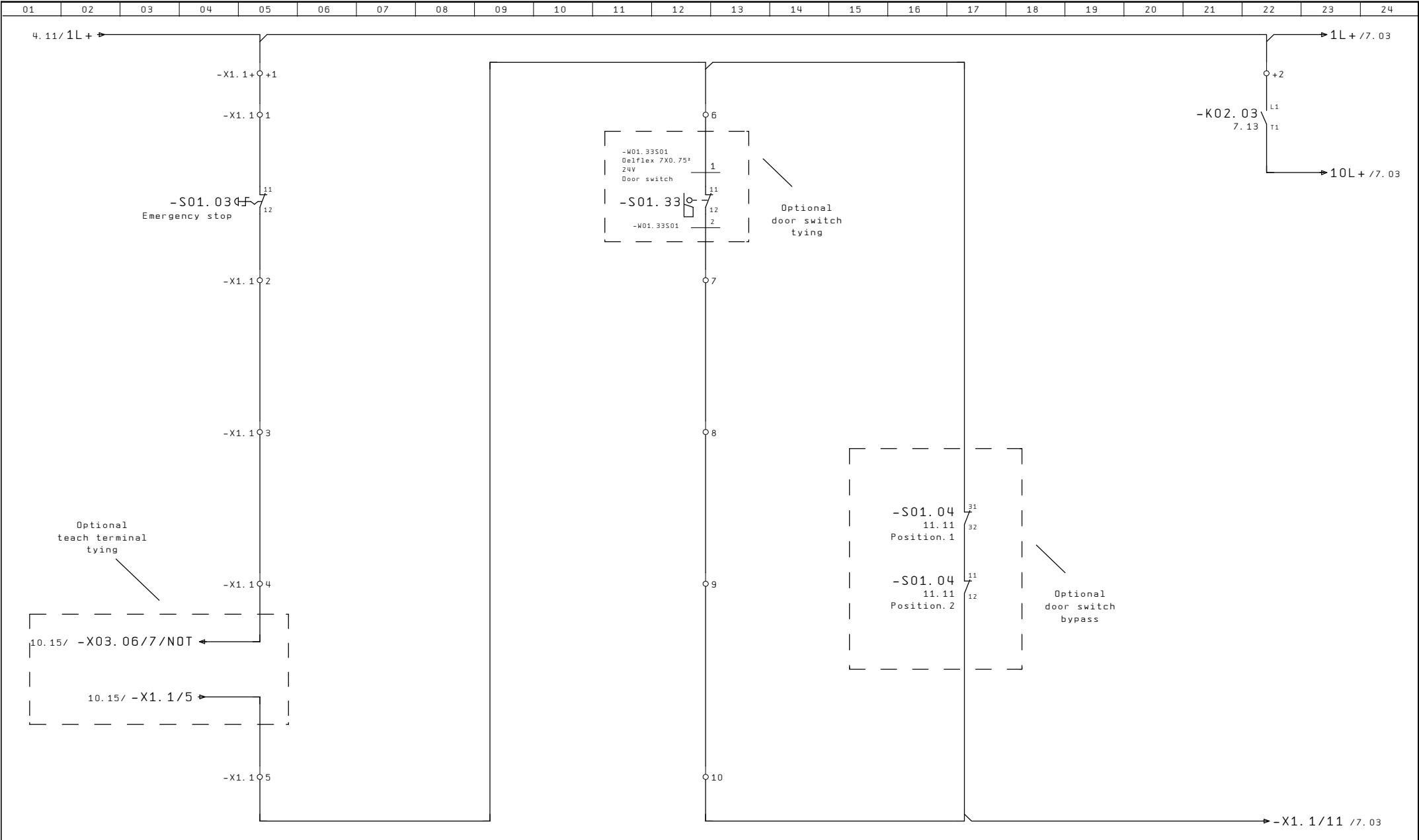
Connection for brake



Editor		Date	
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PAC Single Power supply	
PA-CONTROL 4 Single Var. H	

Customer	Drawing-no. IEF	Page no.
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Final customer	Drawing-no. customer	Pages
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Designer:	VOL	16.12.02
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Print:		11.01.07
System:	Place:	

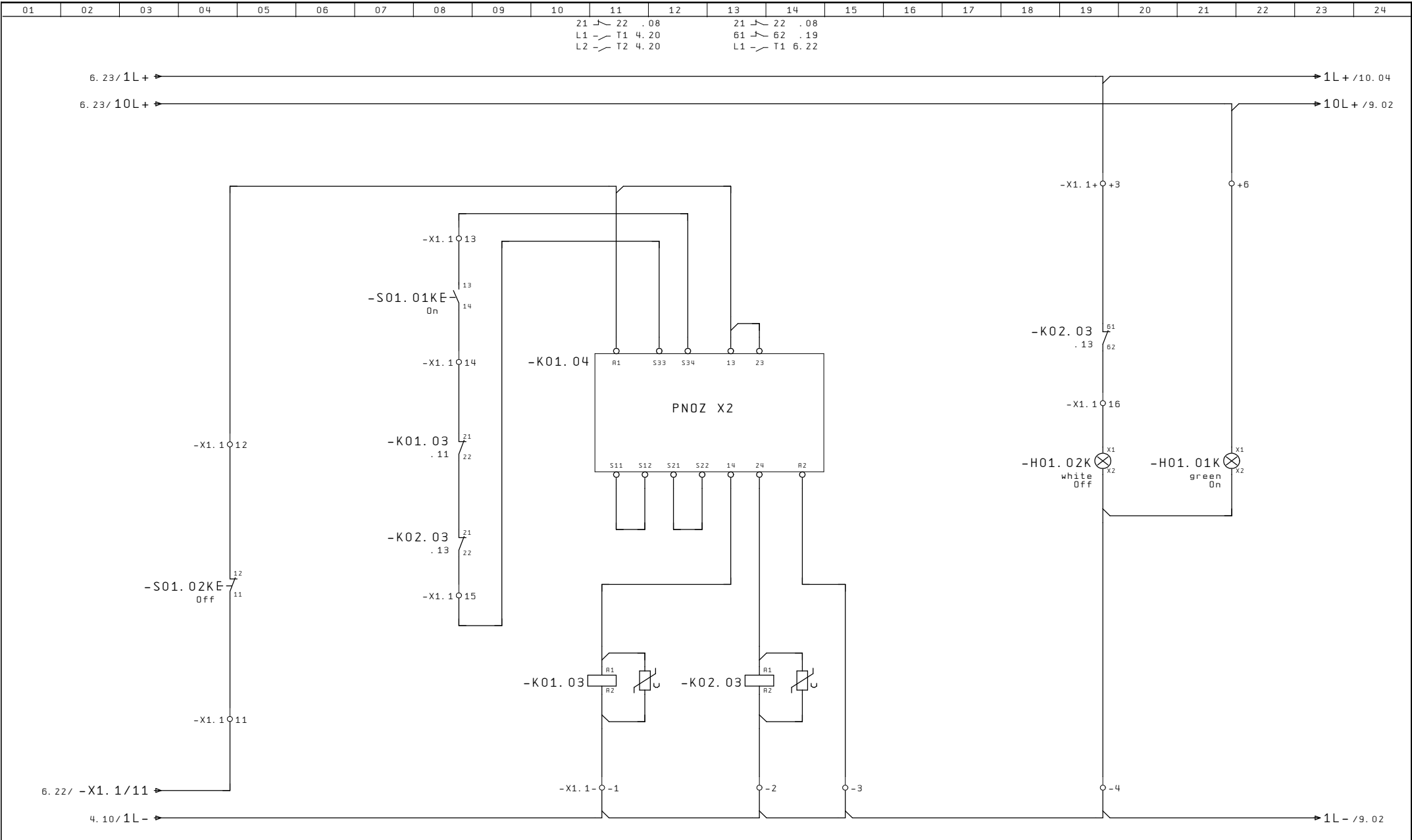


Emergency stop + doors

PA-CONTROL 4 Single Var. H

Customer	
Final customer	

Drawing-no. IEF	Page no.
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Drawing-no. customer	Pages
	18



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System:	Place:	



Protection circle

PA-CONTROL 4 Single Var. H

Customer	Drawing-no. IEF	Page no.
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Final customer	Drawing-no. customer	Pages
		18

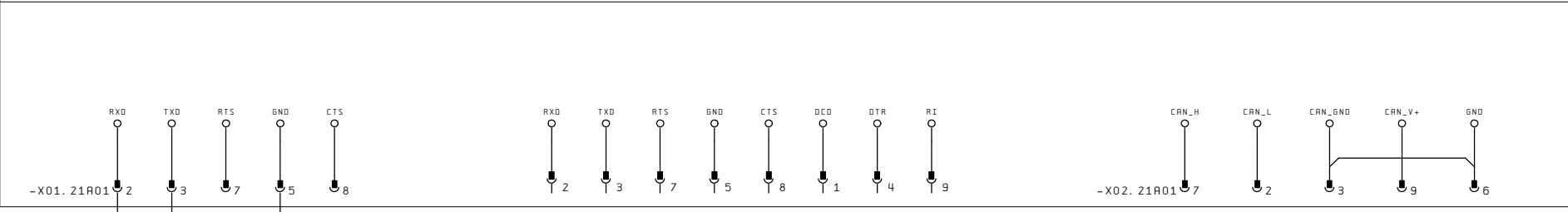
-A01. 20
5.02

PA-CONTROL Single

-A01. 21

(X1) CPU 4 (X2)

COM1 Interface CAN Interface



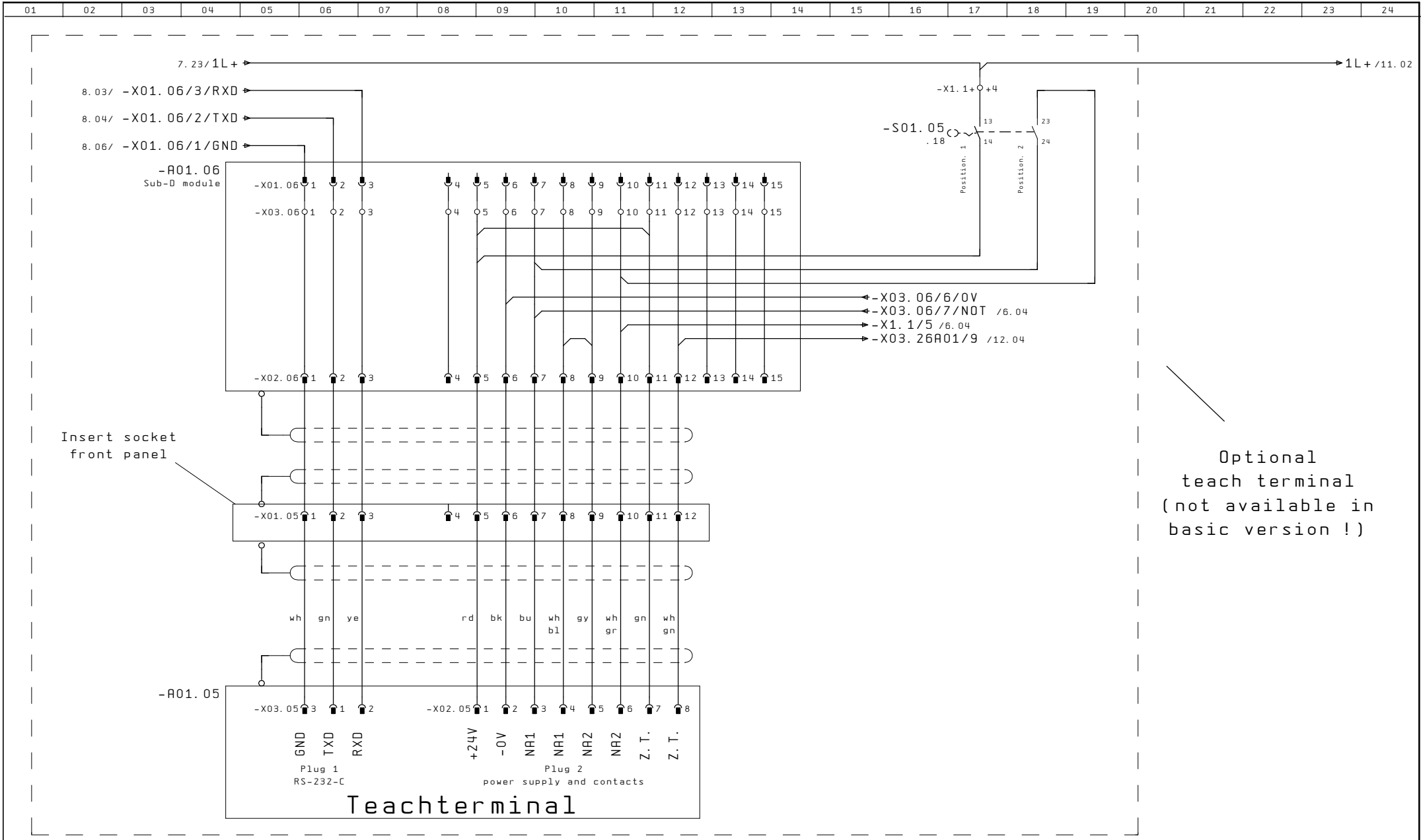
10.04/ -X01. 06/3/RXD
10.04/ -X01. 06/2/TXD
10.04/ -X01. 06/1/GND

Editor		Date	
Designer:	VOL	16.12.02	
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PAC Single interface connection

PA-CONTROL 4 Single Var. H

Customer	Drawing-no. IEF	Page no.
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Final customer	Drawing-no. customer	Pages
		18



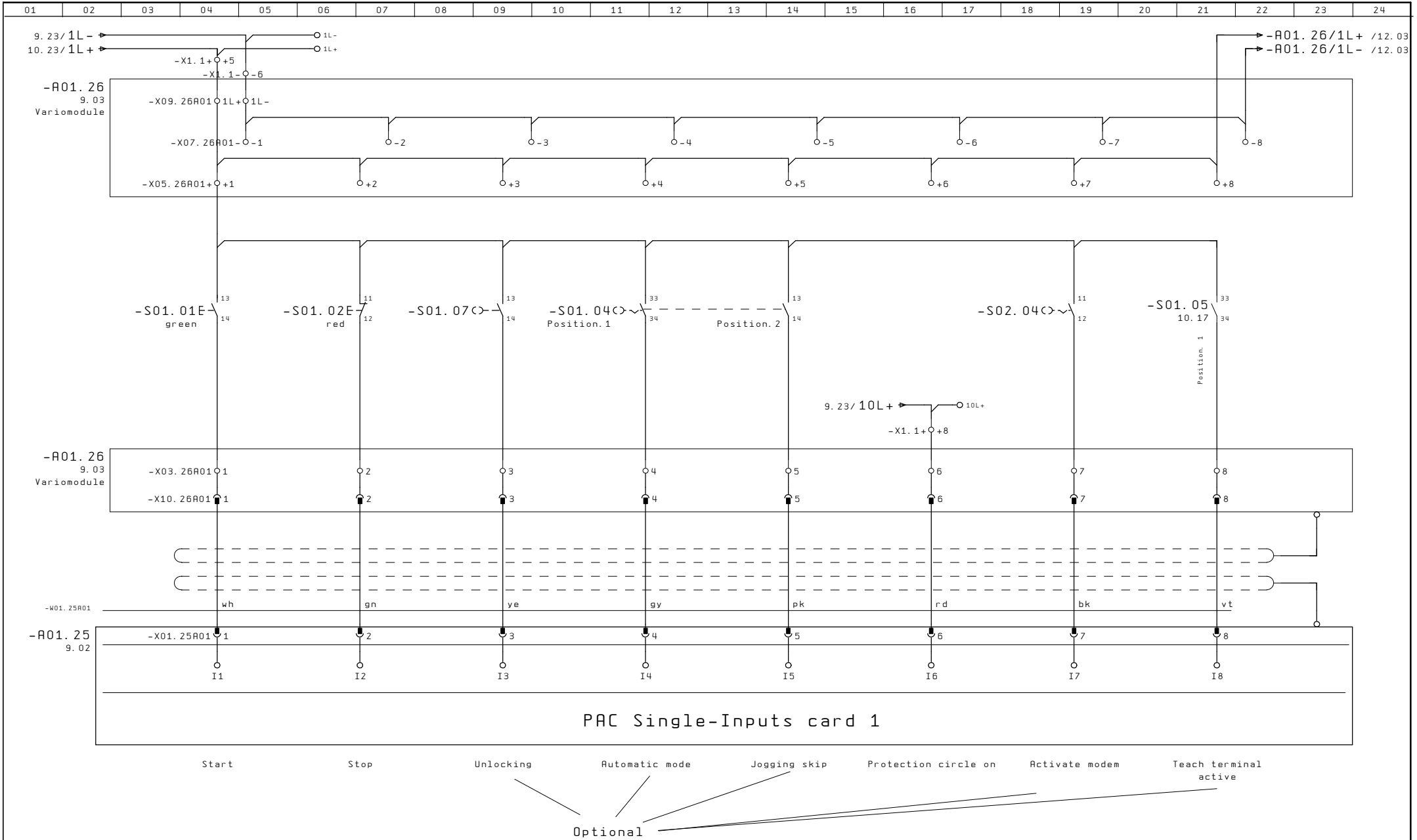
Editor		Date
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Optional teachterminal

PA-CONTROL 4 Single Var. H

Customer	Drawing-no. IEF	Page no.
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Final customer	Drawing-no. customer	Pages
		18

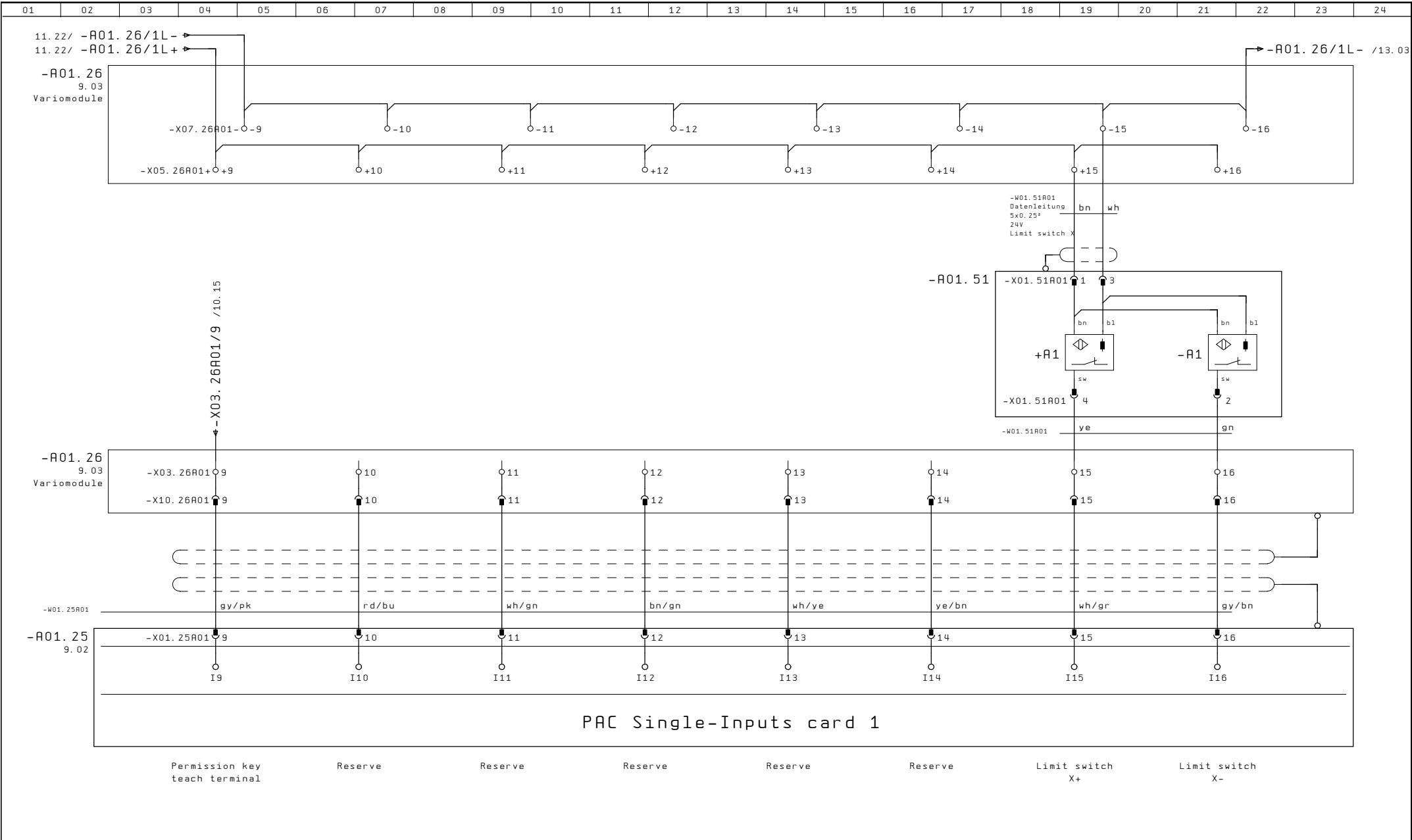


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System:	Place:		

PAC Single Inputs
I1-I8

PA-CONTROL 4 Single Var. H

Customer	Drawing-no. IEF	Page no.
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Final customer	Drawing-no. customer	Pages
		18

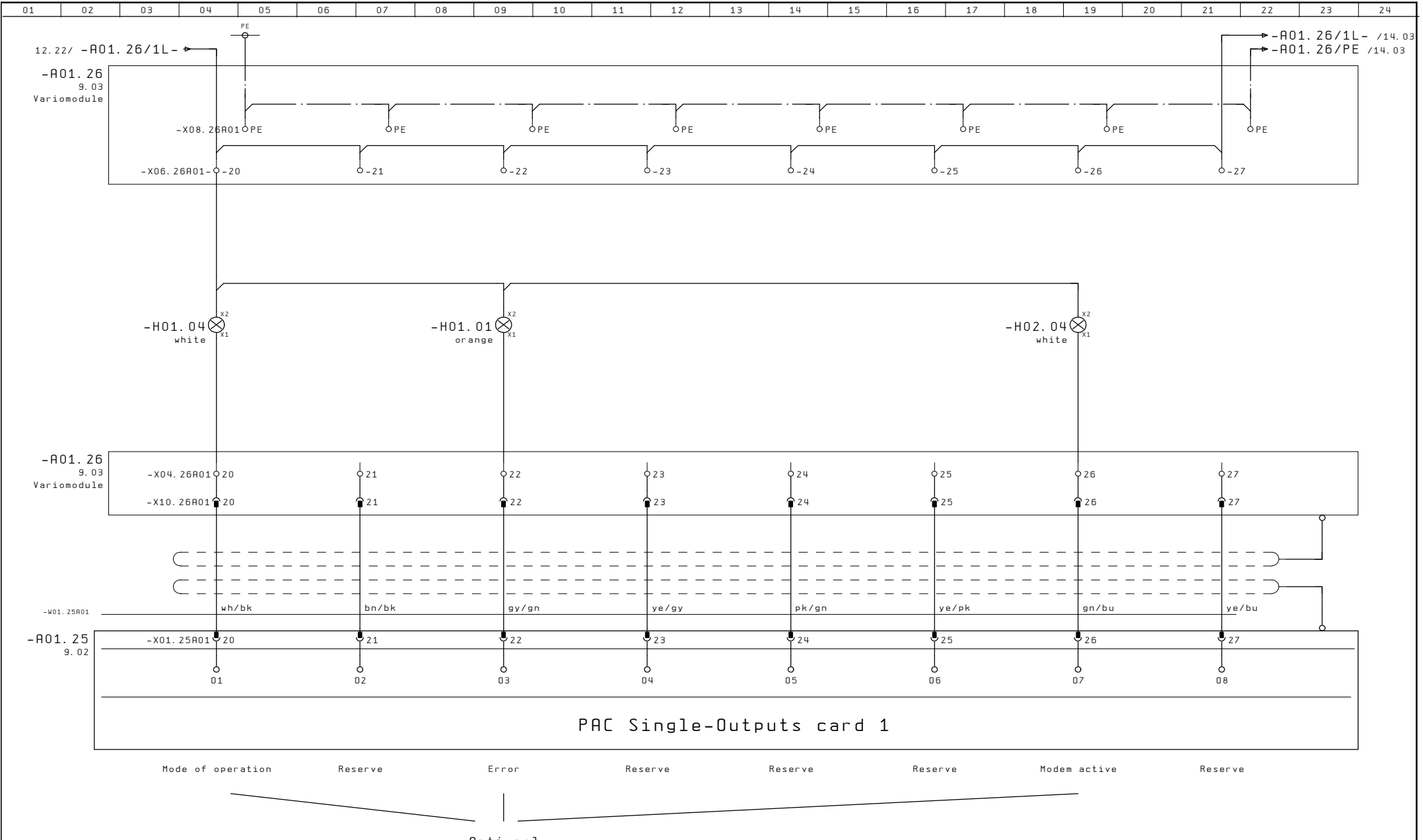



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PAC Single Inputs I9-I16	
PA-CONTROL 4 Single Var. H	

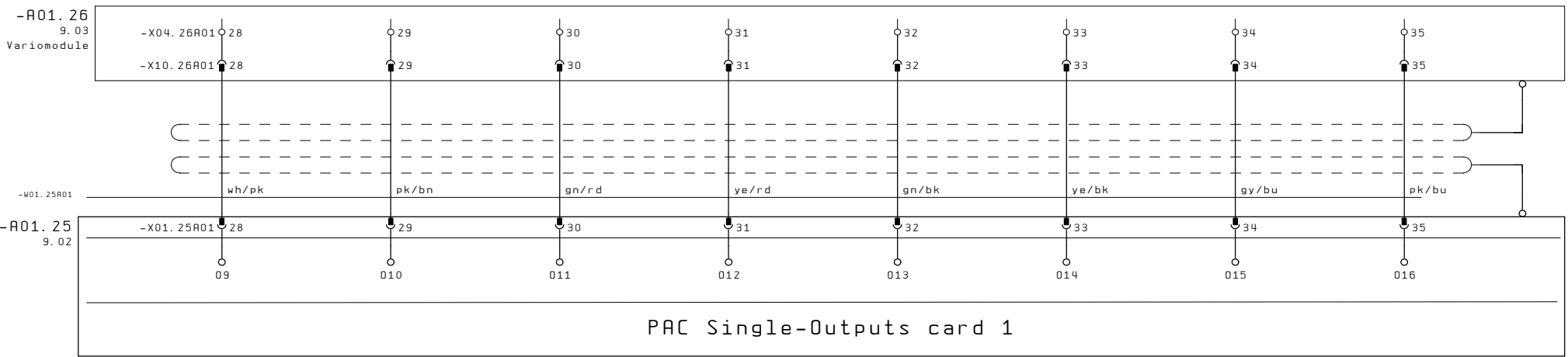
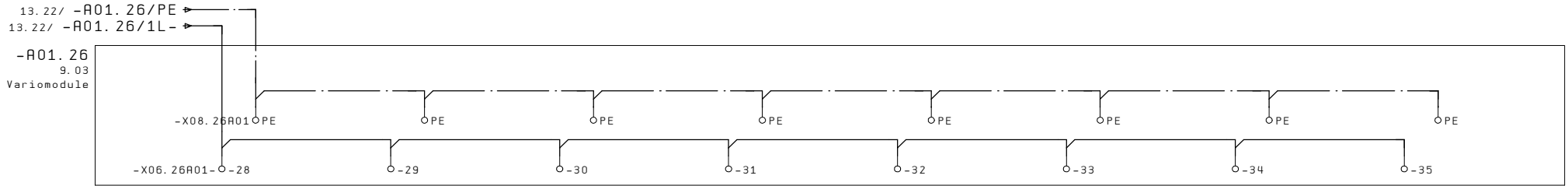
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Final customer	Drawing-no. customer	Pages
		18



Editor	Date	
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System:	Place:	

Optional
 PAC Single Outputs
 01-08
 PA-CONTROL 4 Single Var. H

Customer	Drawing-no. IEF	Page no.
	1033745	13
Final customer	Drawing-no. customer	Pages
		18



PAC Single-Outputs card 1

Reserve Reserve Reserve Reserve Reserve Reserve Reserve Reserve

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PAC Single Outputs
09-016

PA-CONTROL 4 Single Var. H

Customer	Drawing-no. IEF	Page no.
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Final customer	Drawing-no. customer	Pages
		18

-R01.59

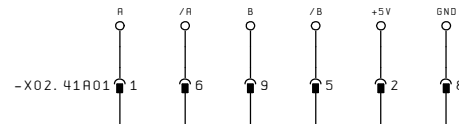
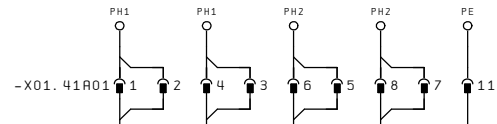
PA-CONTROL Single

-R01.41

Power card 1

(X2) Motor

(X4) ENC



-W01.41R01
5x1.5²
90V
Motor R1

gy bn pk bu gn ye

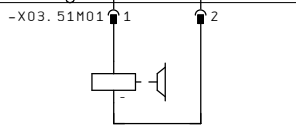
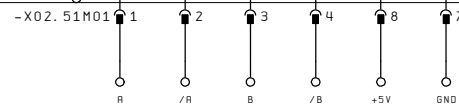
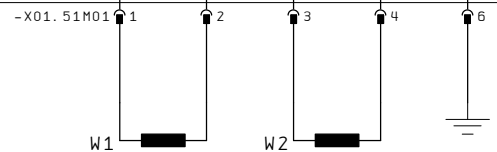
-W02.41R01
3x2x0.14²
5V
Encoder

ye gn pk gy bn wh

-W03.51R01
3x0.5²
24V
Brake

bn bu Connection for brake

-M01.51



Motor

Rotation monitoring

Brake

Optional

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System:	Place:		



Power card 1
2 phases stepping motor

PA-CONTROL 4 Single Var. H

Customer	Drawing-no. IEF	Page no.
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Final customer	Drawing-no. customer	Pages
		18

-A01. 20
5. 02

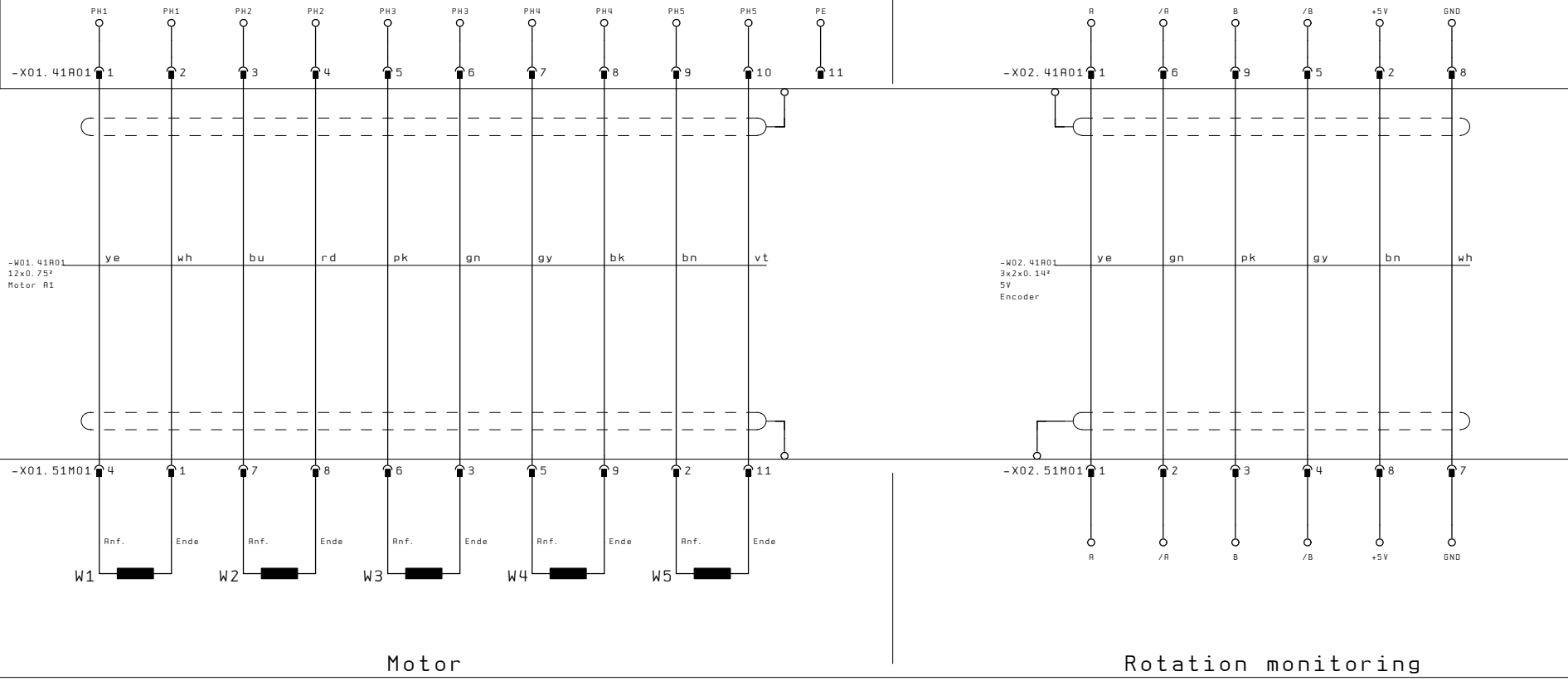
PA-CONTROL Single

-A01. 41

Power card 1

(X2) Motor

(X4) ENC



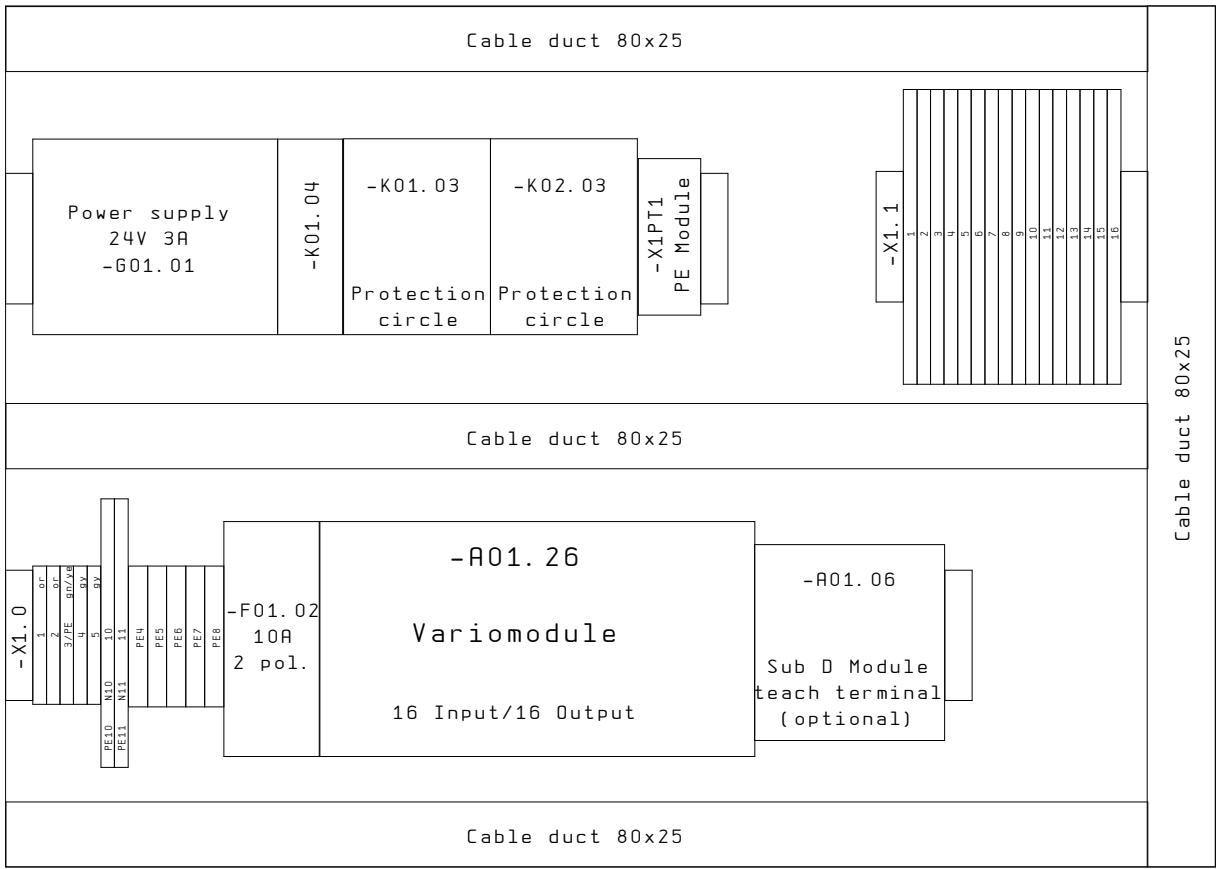
-M01. 51

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System:	Place:		



Power card 1
5 phases stepping motor
PA-CONTROL 4 Single Var. H

Customer	Drawing-no. IEF	Page no.
	1033745	16
Final customer	Drawing-no. customer	Pages
		18



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System:	Place:



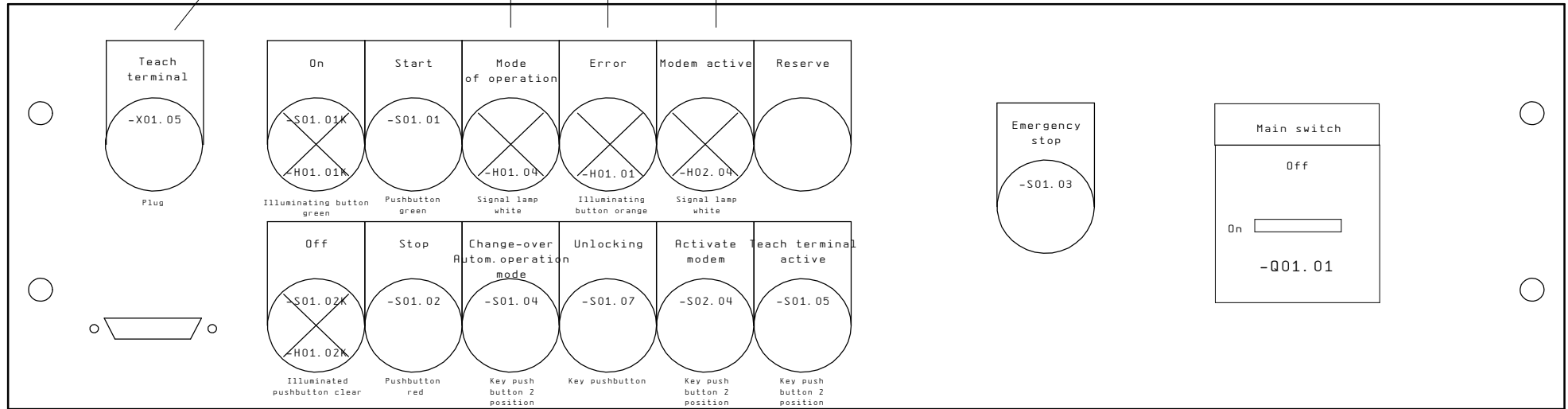
Assembly mounting plate
PA-CONTROL 4 Single Var. H

Customer
Final customer

Drawing-no. IEF
1033745
Drawing-no. customer

Page no.
17
Pages
18

Optionally in
basic version with blind plug



Optionally in
basic version with blind plug

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Assembly control panel

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Customer	Drawing-no. IEF	Page no.
	1033745	18
Final customer	Drawing-no. customer	Pages
		18