

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 EP
 Project number : 1028795

Type : 1 Axis english
 Manufacturing date : 2002
 Incoming supply : 230V/50Hz/16A
 Feeding : 3x2,5²mm
 Fuse protection : 16A
 Control voltage : 24V

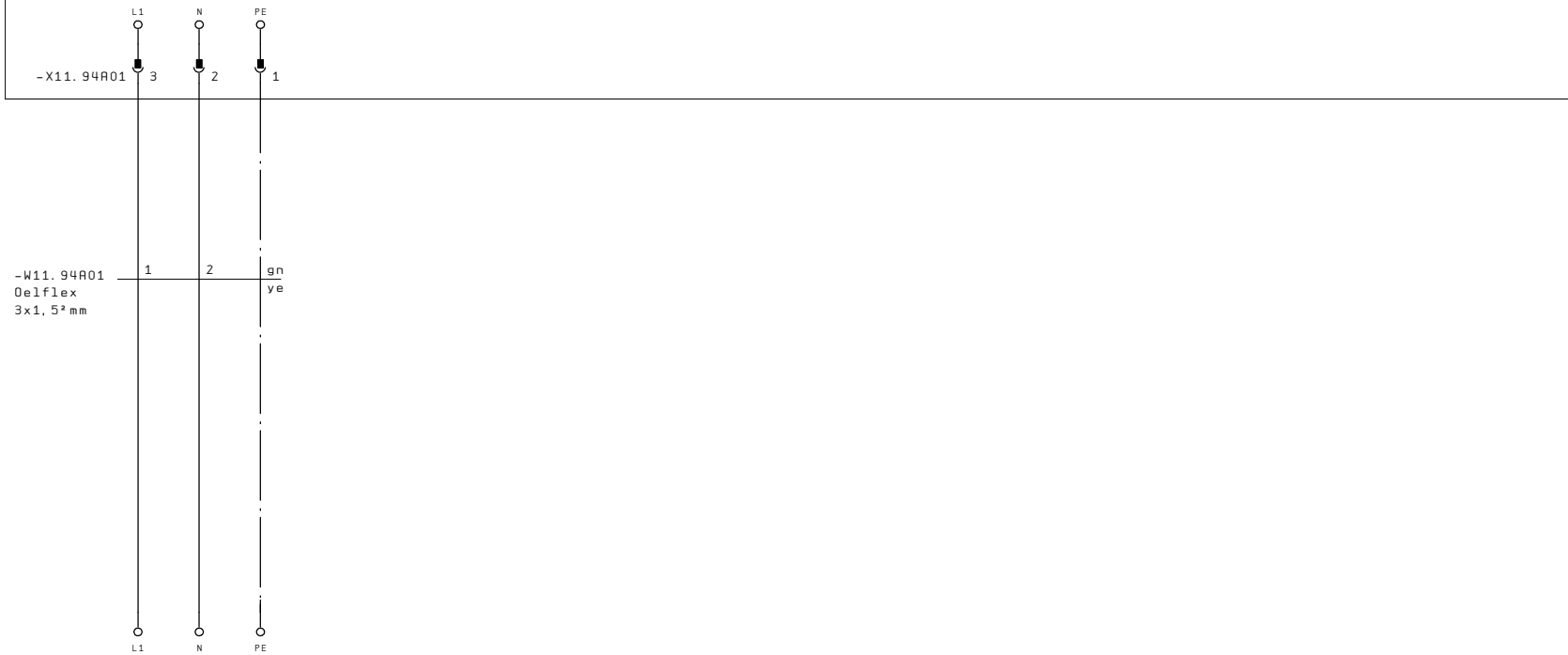
Created on : 21.10.02 Highest Page No. : 14
 Project leader : A.Pfeiffer
 Last changed : 10.03.06
 Editor : VOL

Editor		Date		Title page	Customer	Drawing-no. IEF	Page no.
Designer:	VOL	21.10.02				1028795	1
Modification:	VOL	28.06.05					
Print:		11.01.07			Final customer	Drawing-no. customer	Pages
System:	Place:			PA-CONTROL EP		14	


-A01.94
5.03

PA-CONTROL EP

(X11)
Power supply



Power supply
230V 50Hz
fuse protection
with line safety switch D10A

Editor		Date	
Designer:	VOL	21.10.02	
Modification:	VOL	28.06.05	
Print:		11.01.07	
System:	Place:		

Power supply
PAC-EP

PA-CONTROL EP

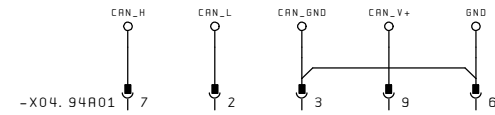
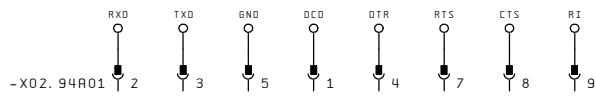
Customer	Drawing-no. IEF	Page no.
	1028795	4
Final customer	Drawing-no. customer	Pages
		14

-A01.94
4.03

PA-CONTROL EP

(X2)
RS 232 Diagnostics

(X4)
CAN

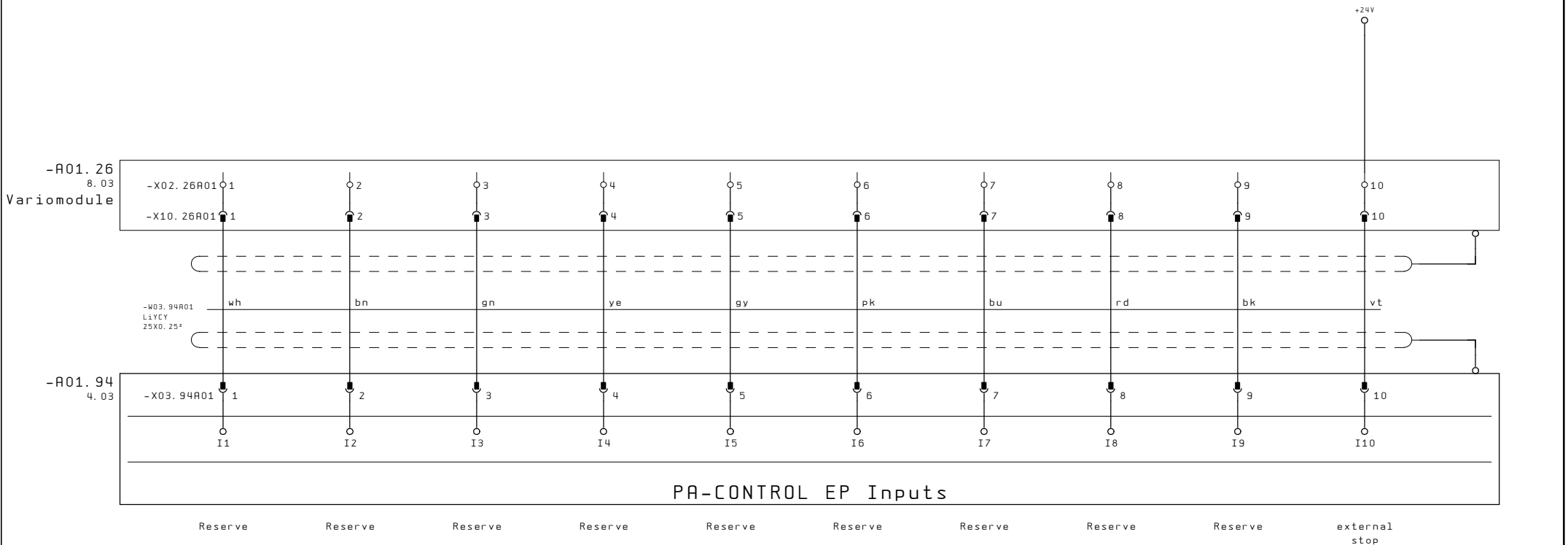
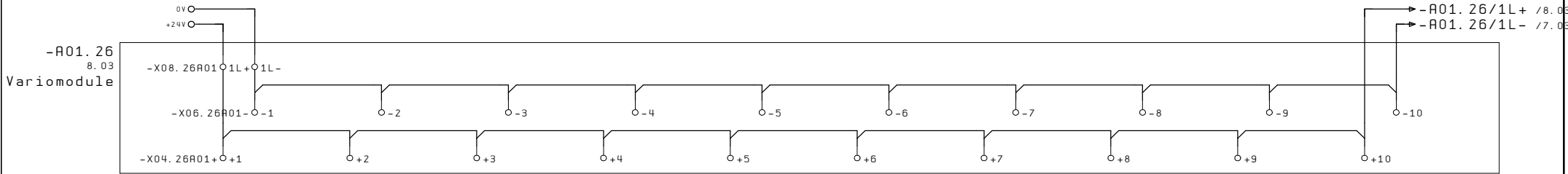


Editor		Date	
Designer:	VOL	21.10.02	
Modification:	VOL	28.06.05	
Print:		11.01.07	
System:	Place:		



RS 232 PC
CAN-BUS
PA-CONTROL EP

Customer	Drawing-no. IEF	Page no.
	1028795	5
Final customer	Drawing-no. customer	Pages
		14



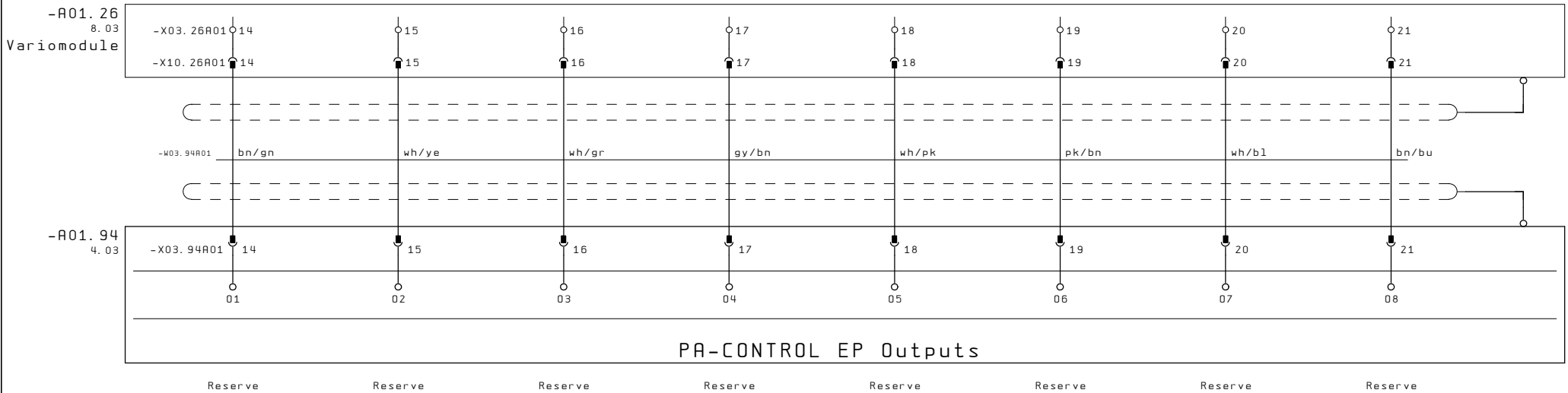
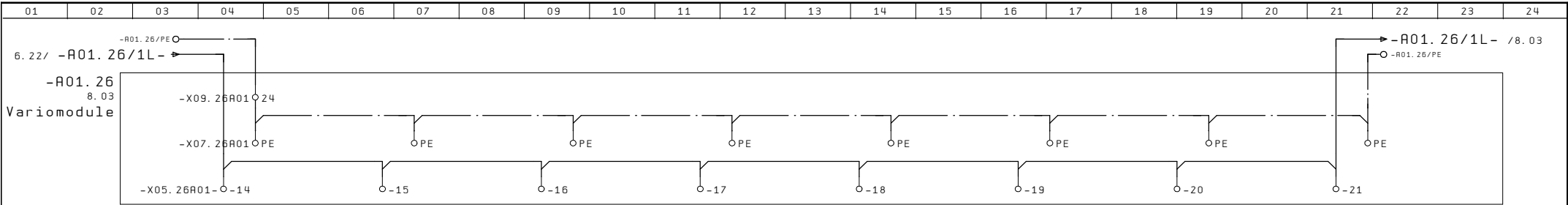
Editor		Date	
Designer:	VOL	21.10.02	
Modification:	VOL	28.06.05	
Print:		11.01.07	
System:	Place:		




PA-CONTROL EP Inputs
I1-I10

PA-CONTROL EP

Customer	Drawing-no. IEF	Page no.
	1028795	6
Final customer	Drawing-no. customer	Pages
		14



Editor		Date	
Designer:	VOL	21.10.02	
Modification:	VOL	28.06.05	
Print:		11.01.07	
System:	Place:		

PA-CONTROL EP Outputs
01-08

PA-CONTROL EP

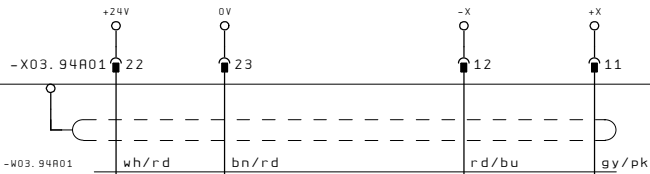
Customer	Drawing-no. IEF	Page no.
	1028795	7
Final customer	Drawing-no. customer	Pages
		14

-A01. 94
4. 03

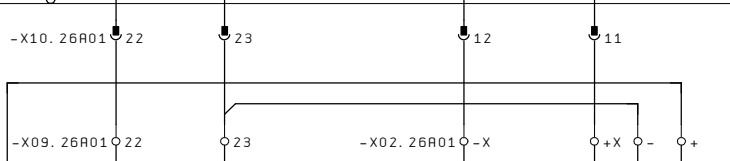
PA-CONTROL EP

I/O-Card

Pin 12: Limit switch -X
 Pin 11: Limit switch +X
 Pin 22: +24V for outputs
 Pin 23: 0V for in- and outputs



-A01. 26
6. 02
Variomodule

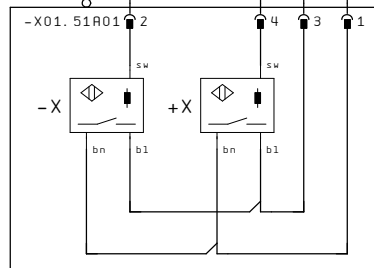


6. 22/ -A01. 26/1L+


7. 22/ -A01. 26/1L-

10L+

-W01.51A01
Datenleitung
5x0.25"
24V
Limit switch X



-A01. 51

Editor		Date	
Designer:	VOL	21.10.02	
Modification:	VOL	28.06.05	
Print:		11.01.07	
System:	Place:		

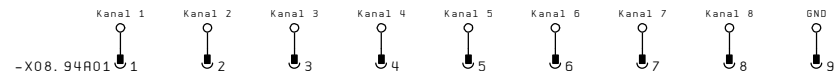
Power supply	Customer	Drawing-no. IEF	Page no.
I/O-card		1028795	8
PA-CONTROL EP	Final customer	Drawing-no. customer	Pages
			14

option!

-A01.94
4.03

PA-CONTROL EP

(X8)
A/D
Converter



Editor		Date
Designer:	VDL	21.10.02
Modification:	VDL	28.06.05
Print:		11.01.07
System:	Place:	



A/D Converter
PA-CONTROL EP

Customer
Final customer

Drawing-no. IEF
1028795
Drawing-no. customer

Page no.
9
Pages
14

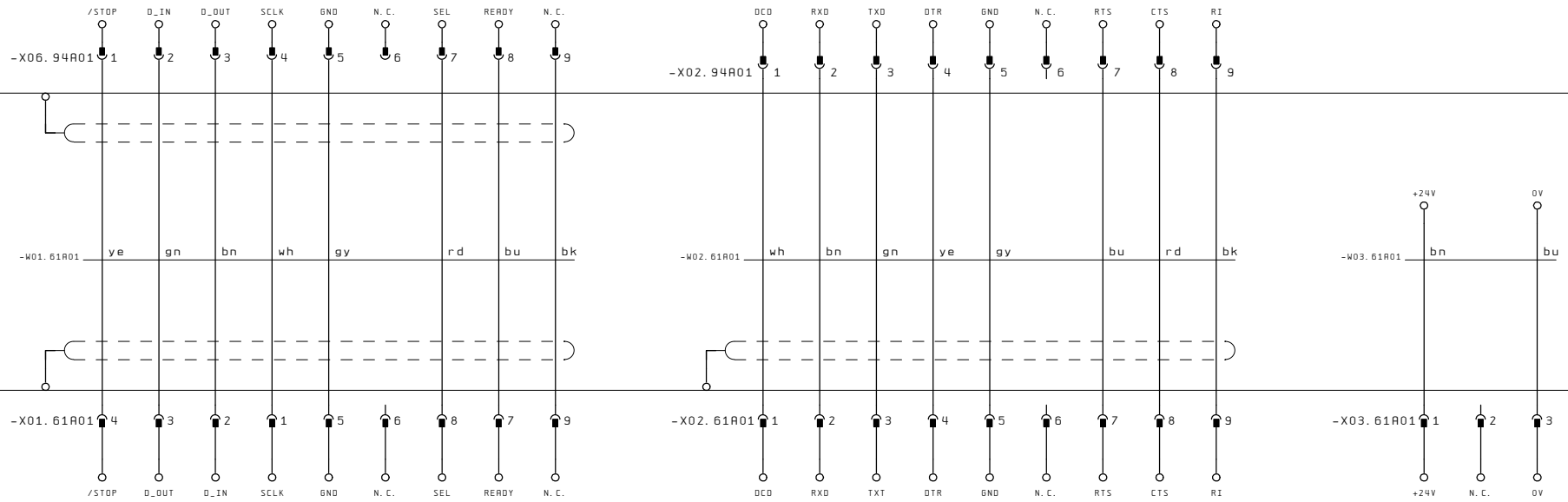
option!

-A01.94
4.03

PA-CONTROL EP

(X6)
IEF-Control
panel

(X2)
RS 232
Diagnostics



-A01.61

IEF-CONTROL PANEL

Editor	Date	
Designer: VDL	21.10.02	
Modification: VDL	28.06.05	
Print:	11.01.07	
System:	Place:	

RS 232 Diagnostics
service
console IEF-service console
PA-CONTROL EP

Customer	Drawing-no. IEF	Page no.
	1028795	10
Final customer	Drawing-no. customer	Pages
		14

option!

-R01.94
4.03

PA-CONTROL EP

(X7)
AS-i-BUS



Editor		Date
Designer:	VDL	21.10.02
Modification:	VDL	28.06.05
Print:		11.01.07
System:	Place:	



ASI-BUS card
PA-CONTROL EP

Customer
Final customer

Drawing-no. IEF
1028795
Drawing-no. customer

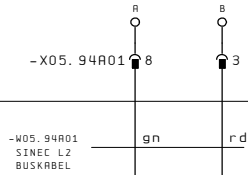
Page no.
11
Pages
14

option!

-A01.94
4.03

PA-CONTROL EP

(X5)
Profibus



-X05.94A01/A

-X05.94A01/B

-X05.94A01/A

-X05.94A01/B

Editor		Date	
Designer:	VDL	21.10.02	
Modification:	VDL	28.06.05	
Print:		11.01.07	
System:	Place:		



Profibus card

PA-CONTROL EP

Customer

Final customer

Drawing-no. IEF

1028795

Drawing-no. customer

Page no.

12

Pages

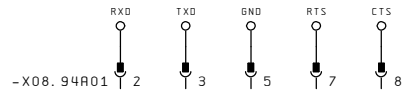
14

option!

-A01.94
4.03

PA-CONTROL EP

(X8)
RS 232
Common



Editor		Date
Designer:	VOL	21.10.02
Modification:	VOL	28.06.05
Print:		11.01.07
System:	Place:	



RS 232 GENERAL
PA-CONTROL EP

Customer
Final customer

Drawing-no. IEF
1028795
Drawing-no. customer

Page no.
13
Pages
14

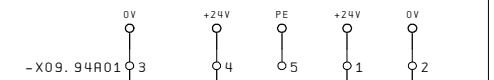
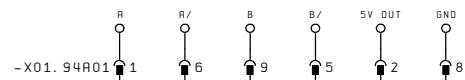
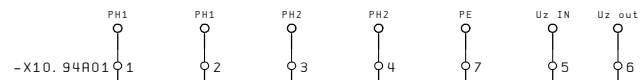
-A01.94
4.03

PA-CONTROL EP

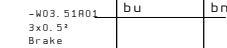
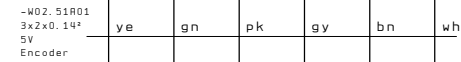
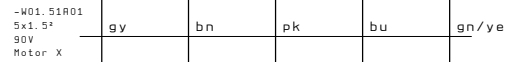
(X10)
Power card

(X1)
ENC

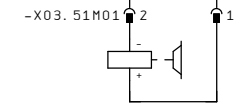
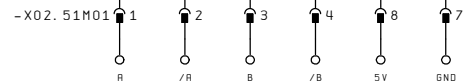
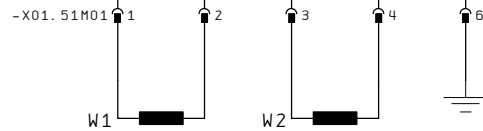
(X9)
Brake



Intermediate
circuit
voltage



-M01.51



Motor

Rotation monitoring

Brake

Editor	Date
Designer: VOL	21.10.02
Modification: IEF	10.03.06
Print:	11.01.07
System:	Place:



Power card ENC
brake
PA-CONTROL EP

Customer	Drawing-no. IEF	Page no.
	1028795	14
Final customer	Drawing-no. customer	Pages
		14