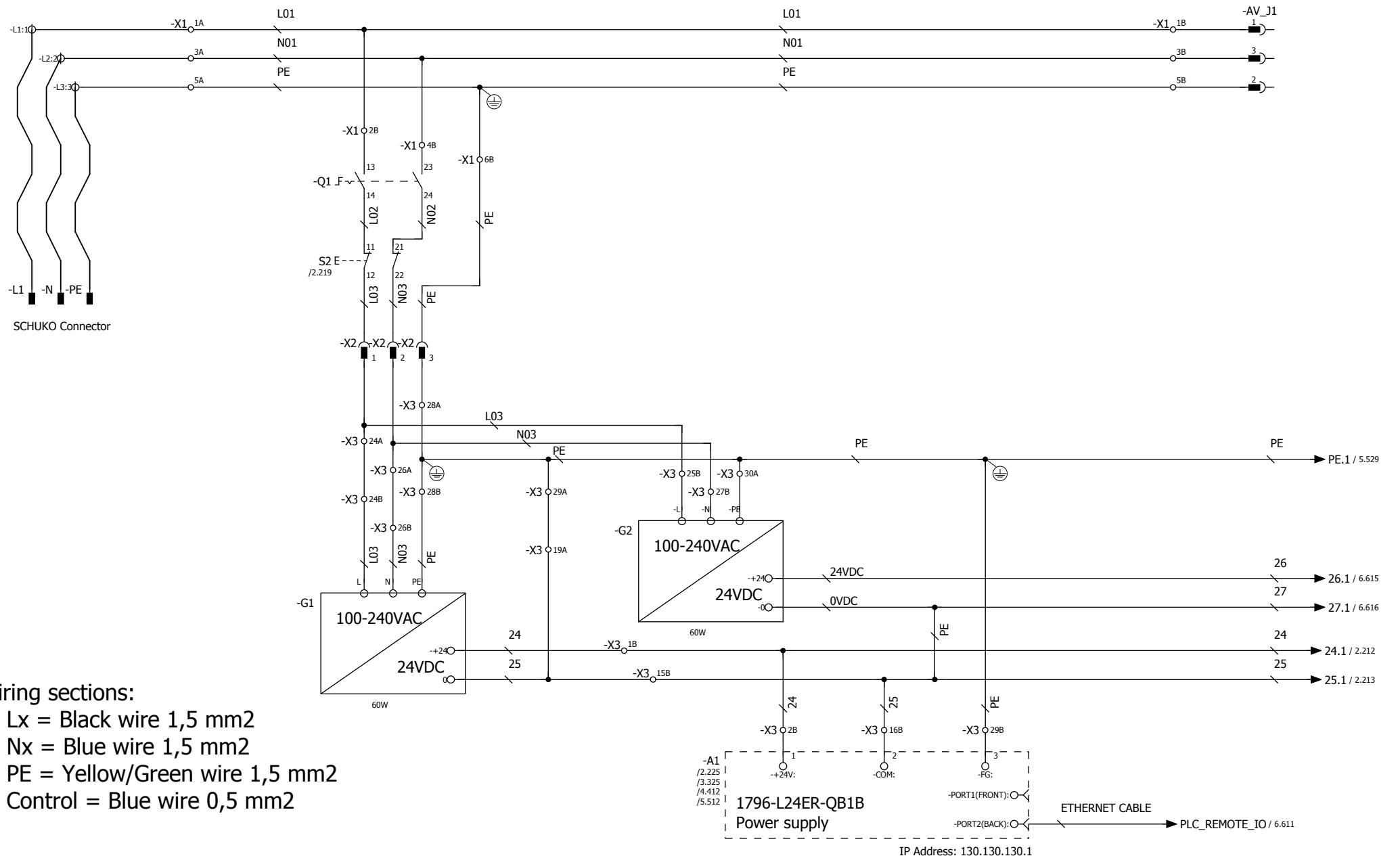


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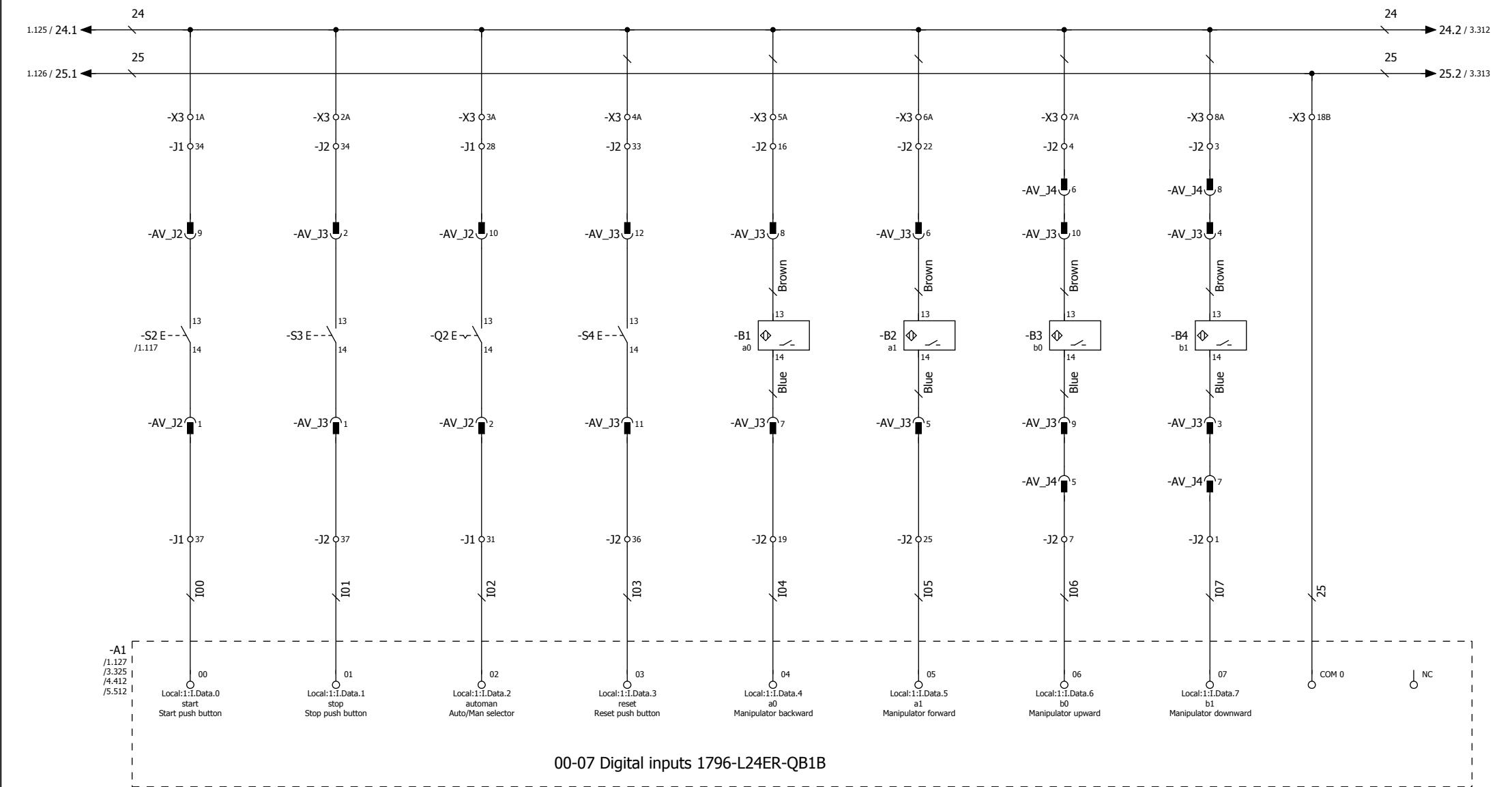
## MANUAL DE USUARIO

**ANEXO B:  
ESQUEMAS  
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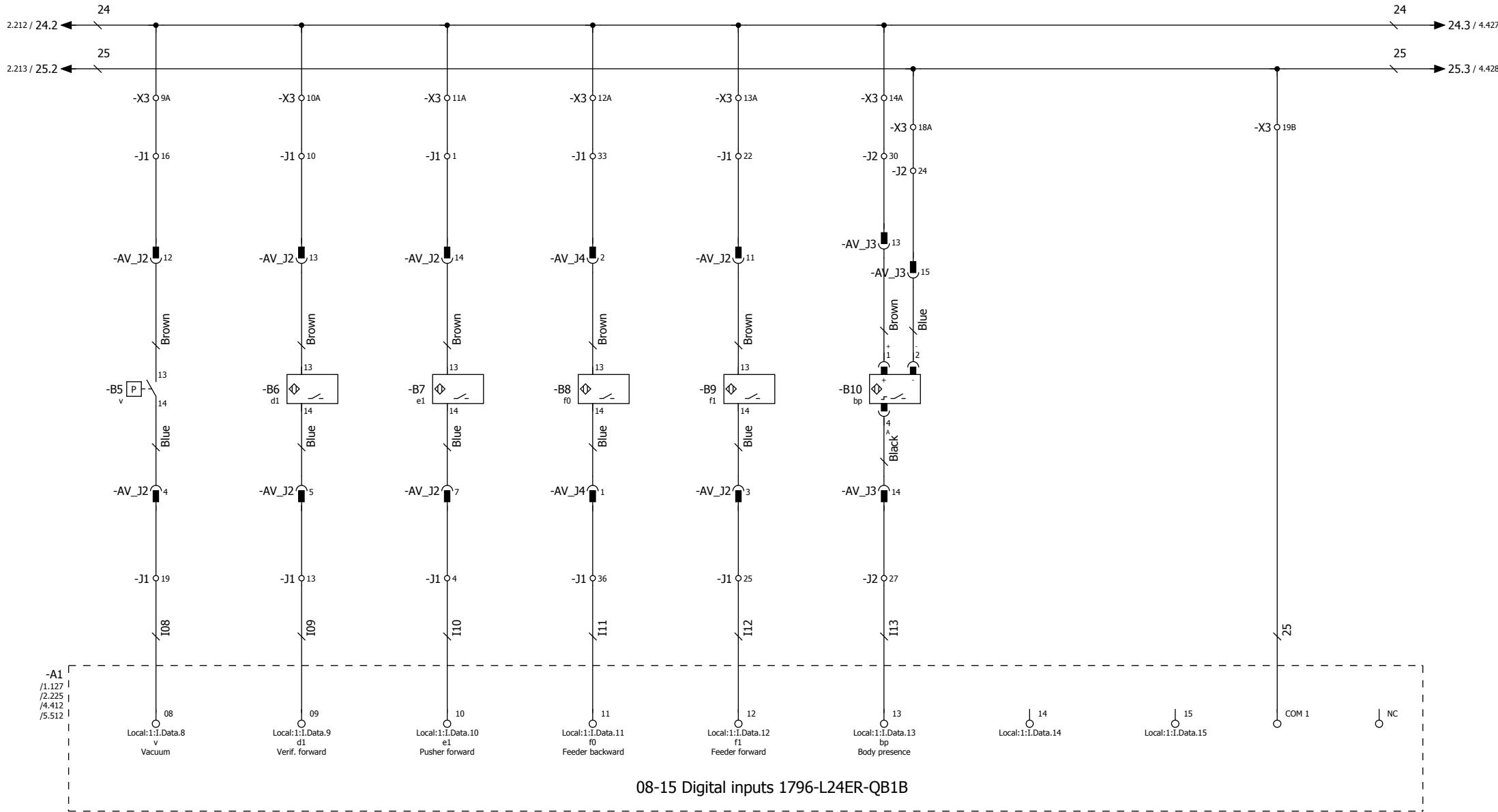




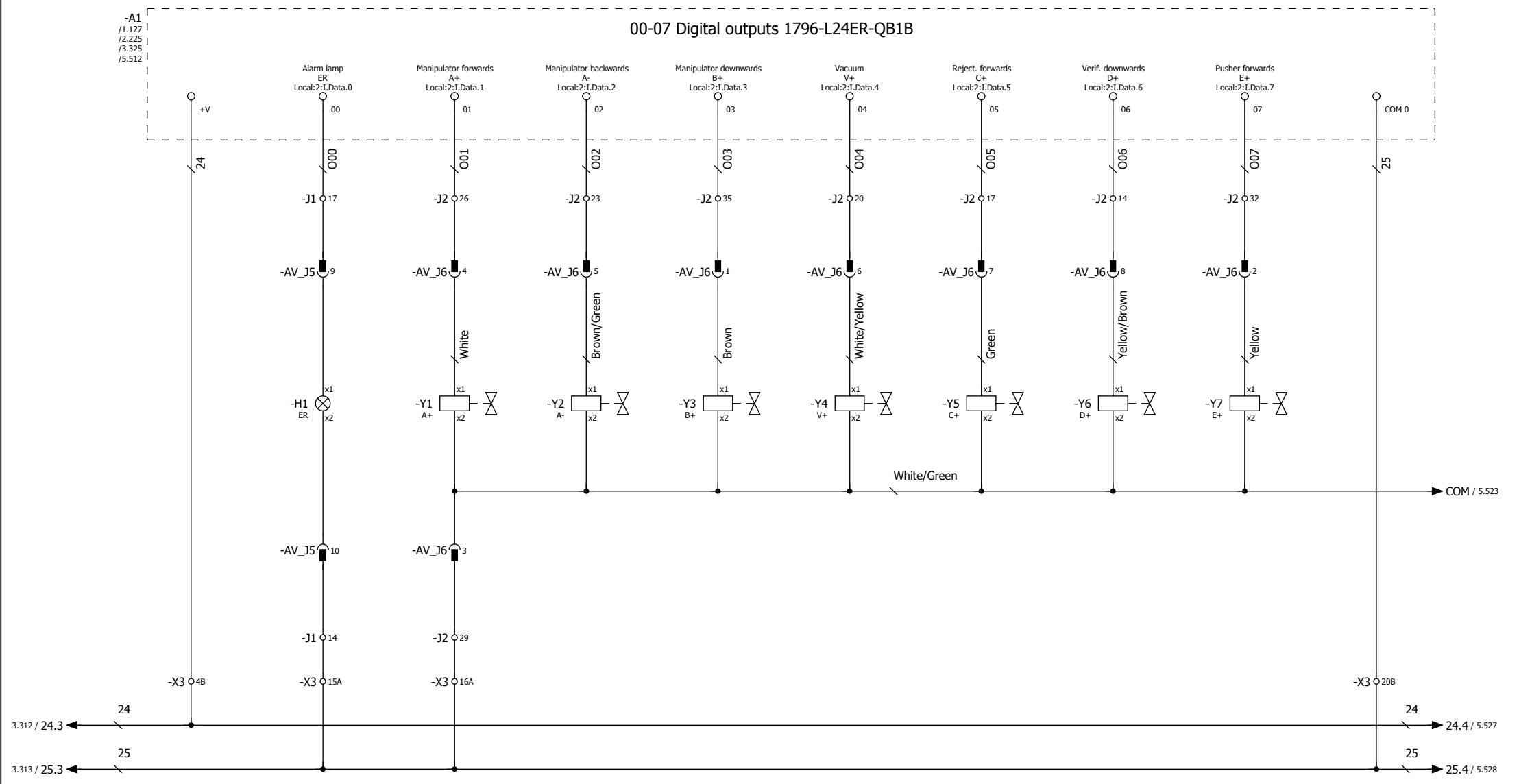
Rev.	Change	Date	Name	COMPACTLOGIX_L24ER			SMC Int. Training	SMC® INTERNATIONAL TRAINING	Page
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	Date	12/11/2015		POWER					



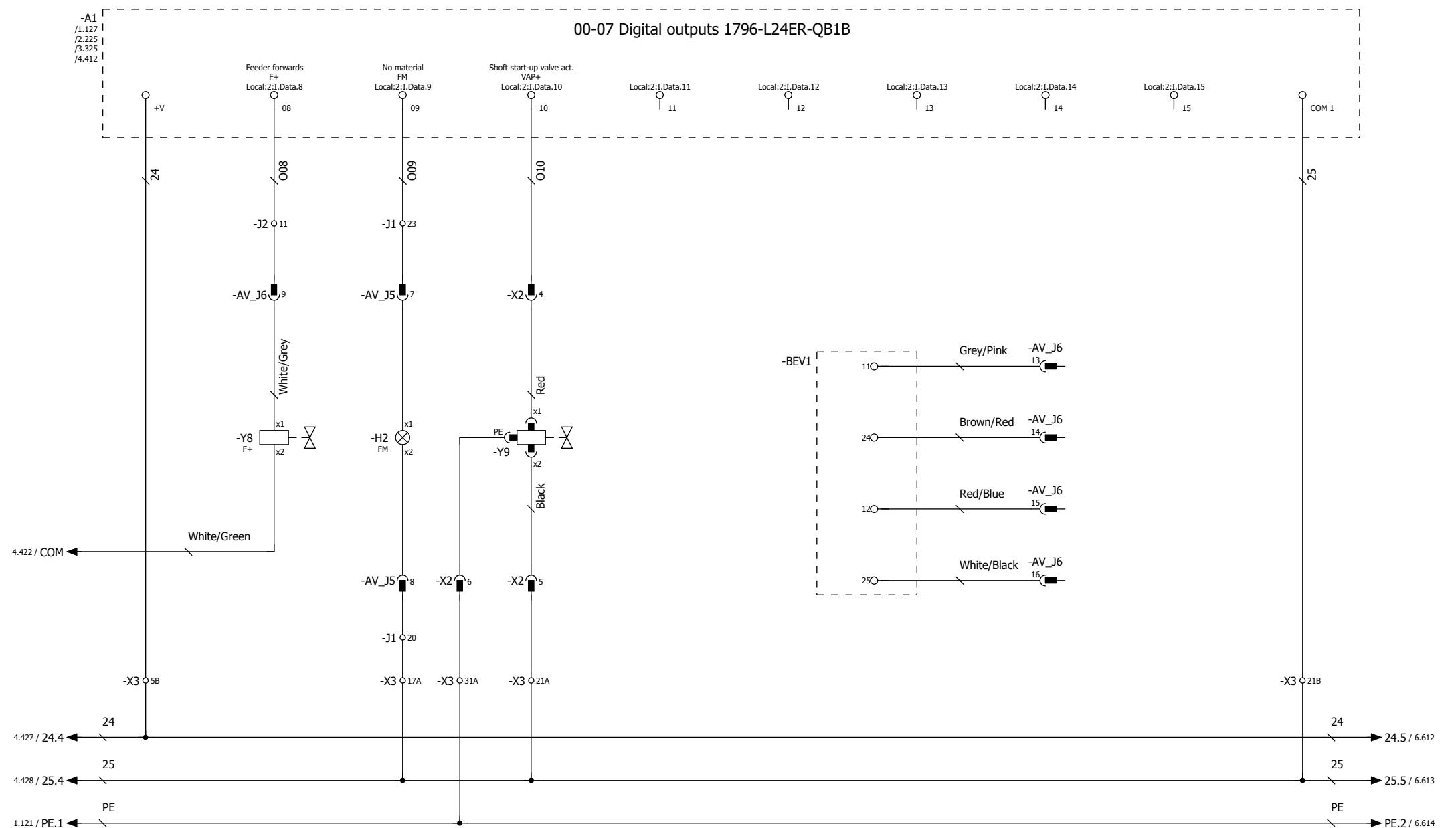
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				Date	12/11/2015	PLC INPUTS 1	01015 Vitoria-Gasteiz (País Vasco)		



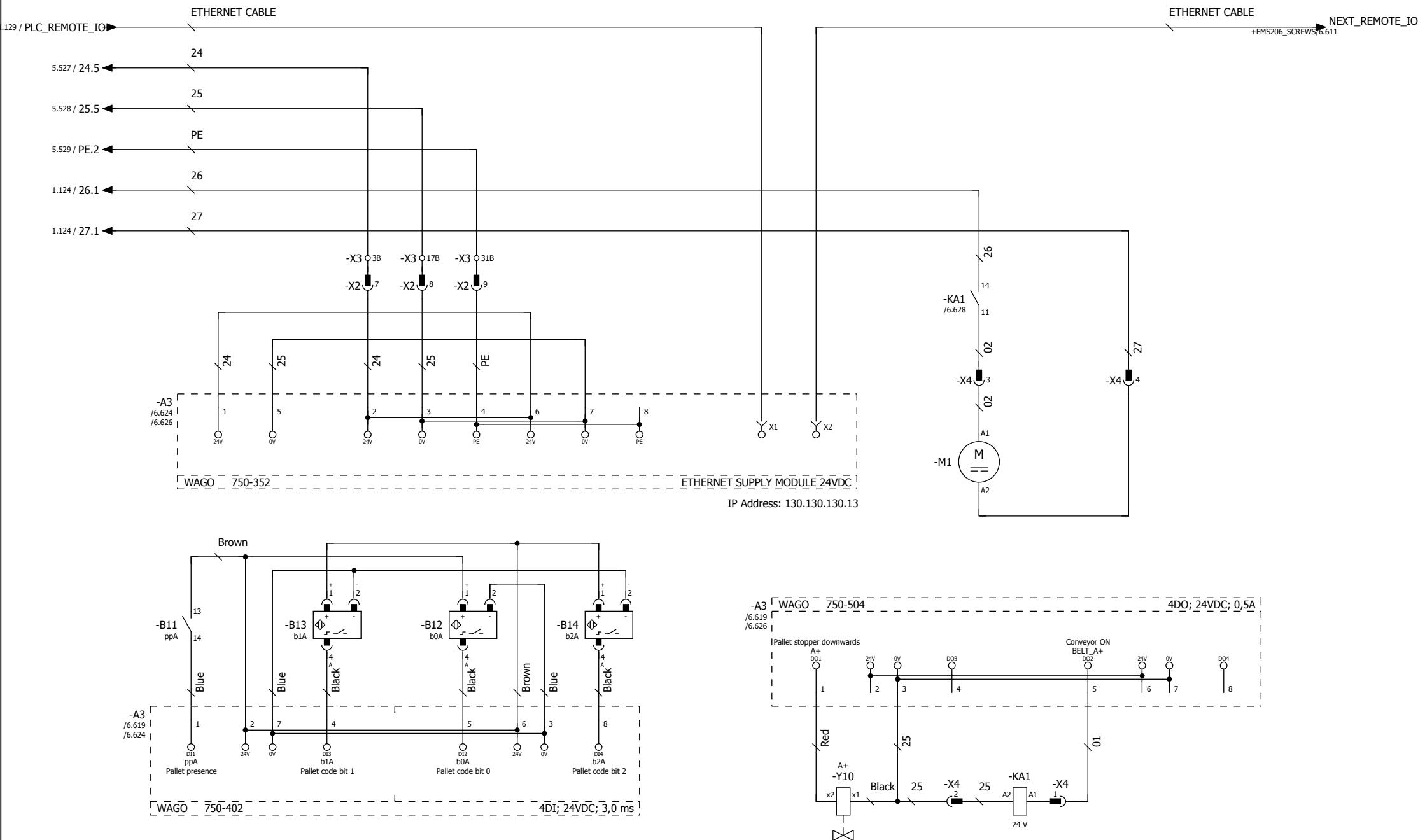
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				Date	12/11/2015	REMOTE I/O (BELT)			

**A****B**

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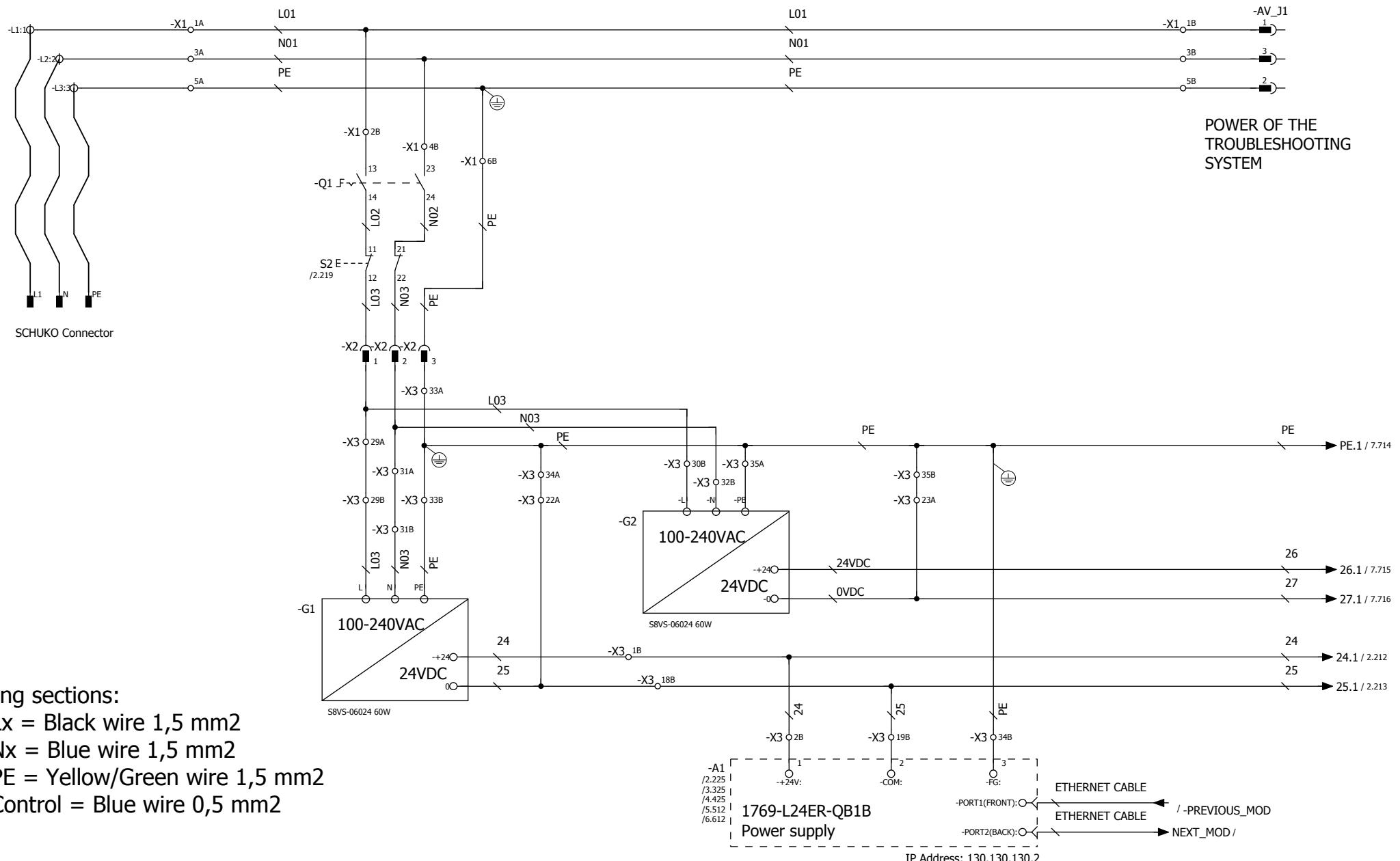
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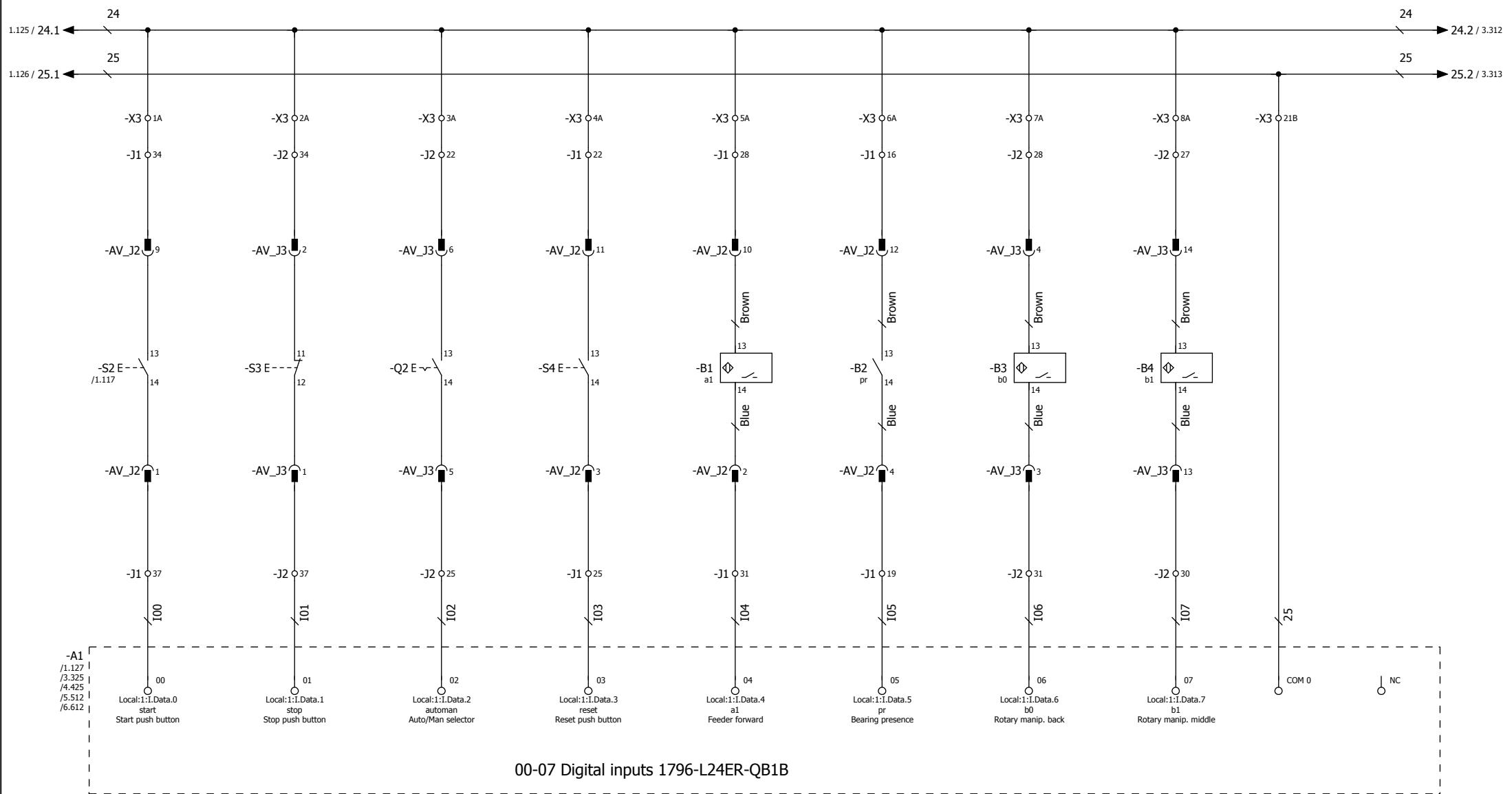
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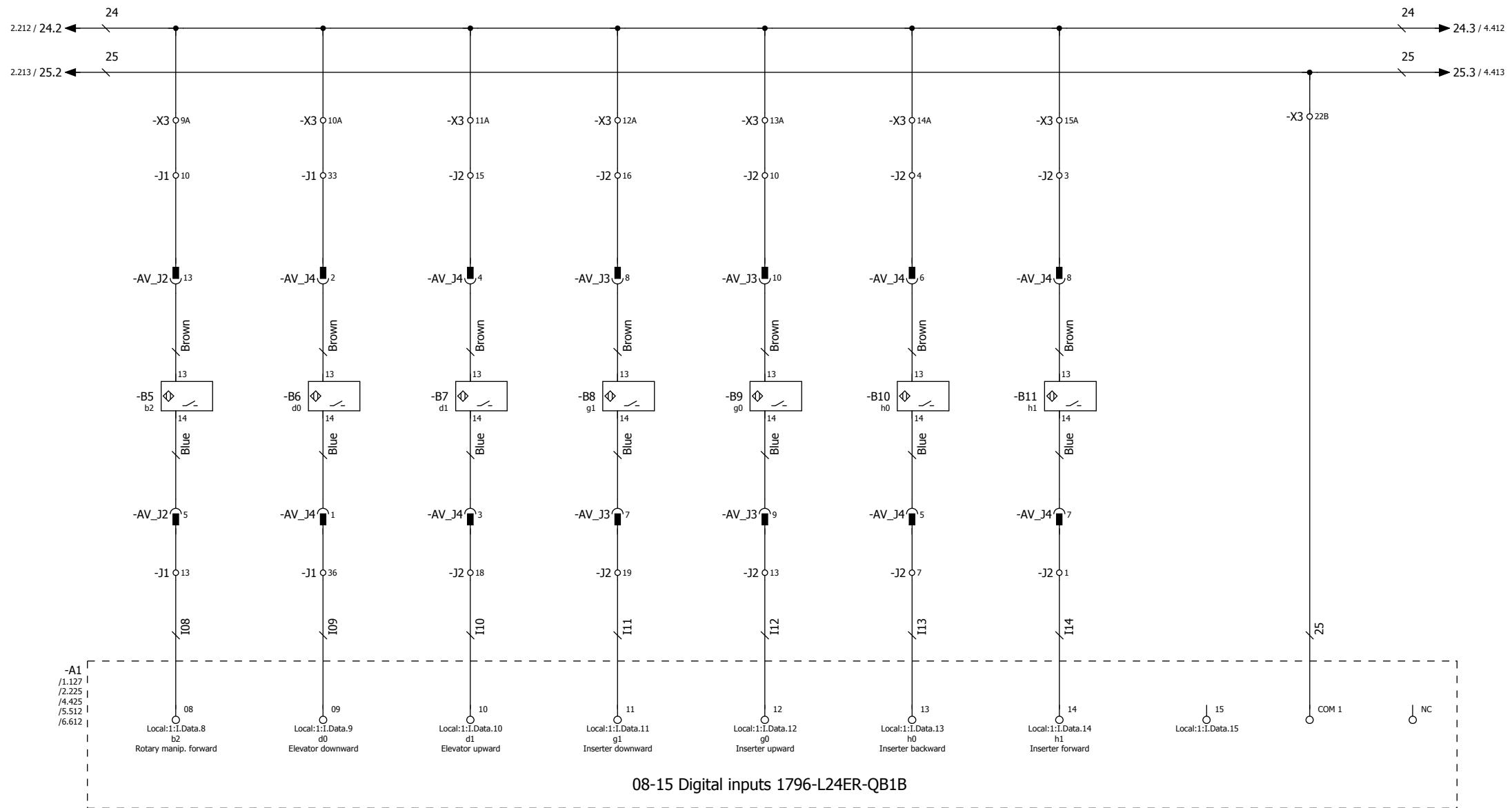
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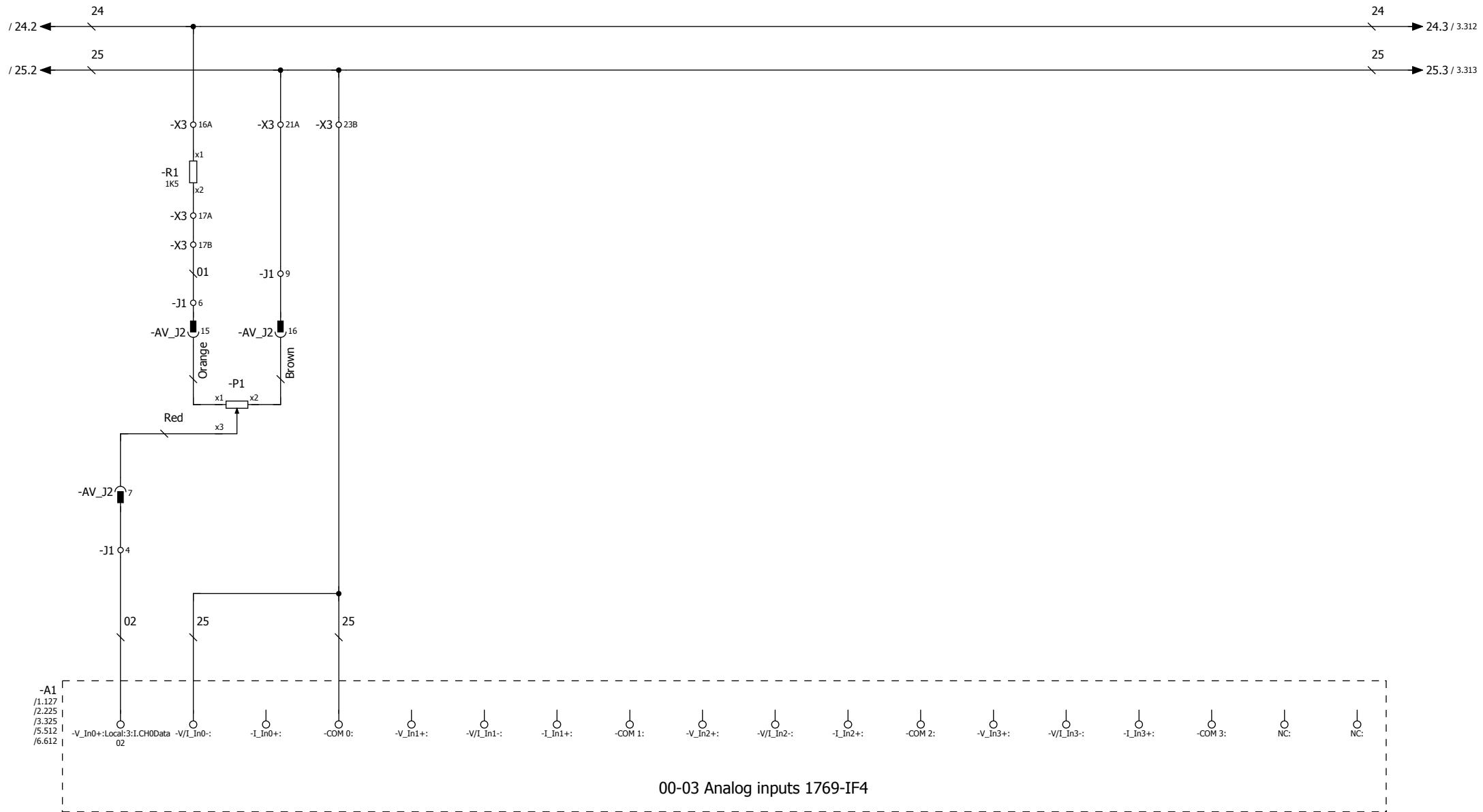
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				Date	13/07/2015	POWER	INTERNATIONAL TRAINING	1



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	Drew by	K4D6		<b>FMS202_BEARING</b>			C/ Zuazobidea, 14	 <b>SMC</b> INTERNATIONAL TRAINING	2
	Date	13/07/2015		<b>PLC INPUTS 1</b>			01015 Vitoria-Gasteiz (País Vasco)		

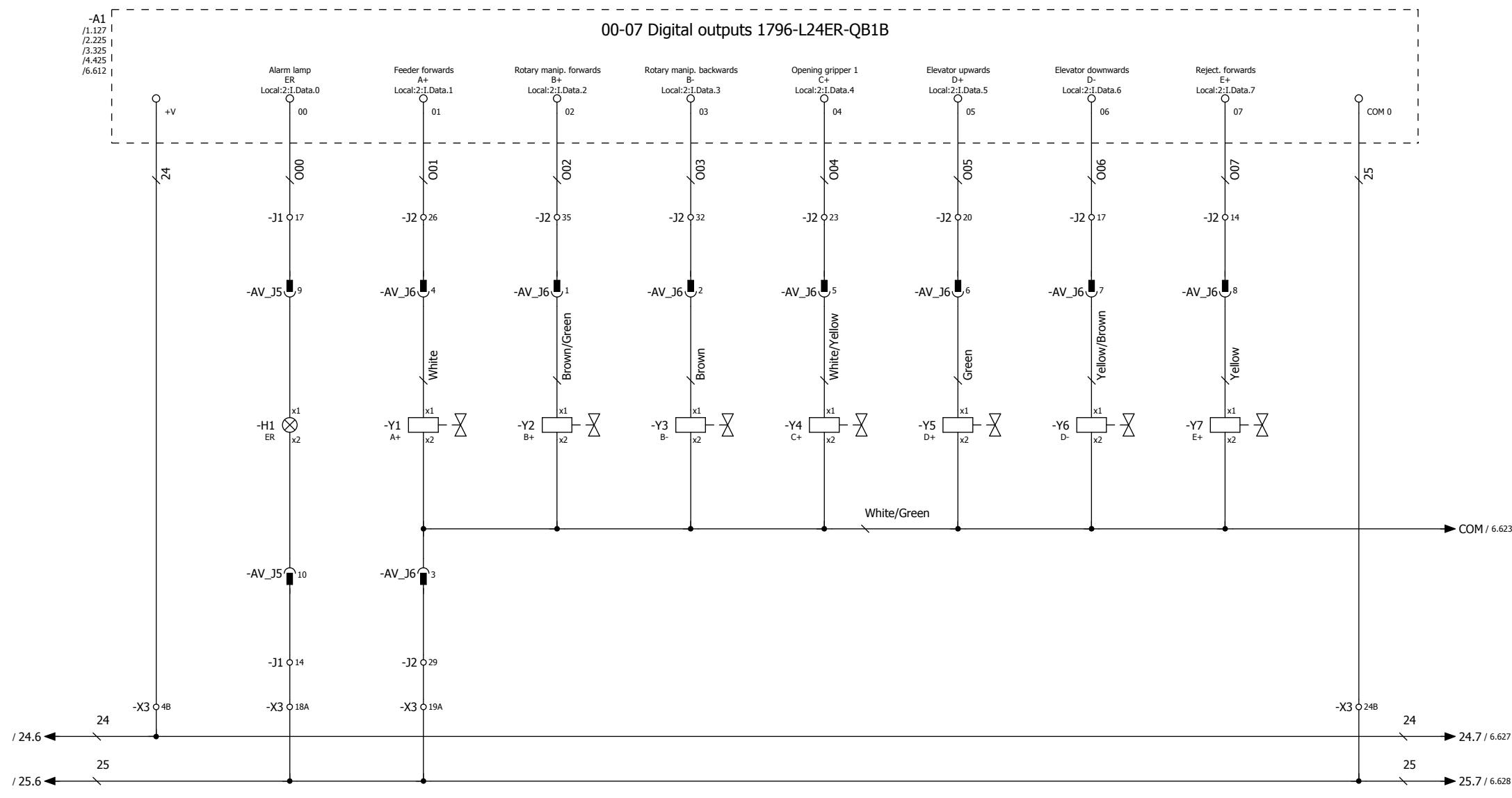


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### 00-07 Digital outputs 1796-L24ER-QB1B



Rev.	Change	Date	Name
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### COMPACTLOGIX\_L24ER

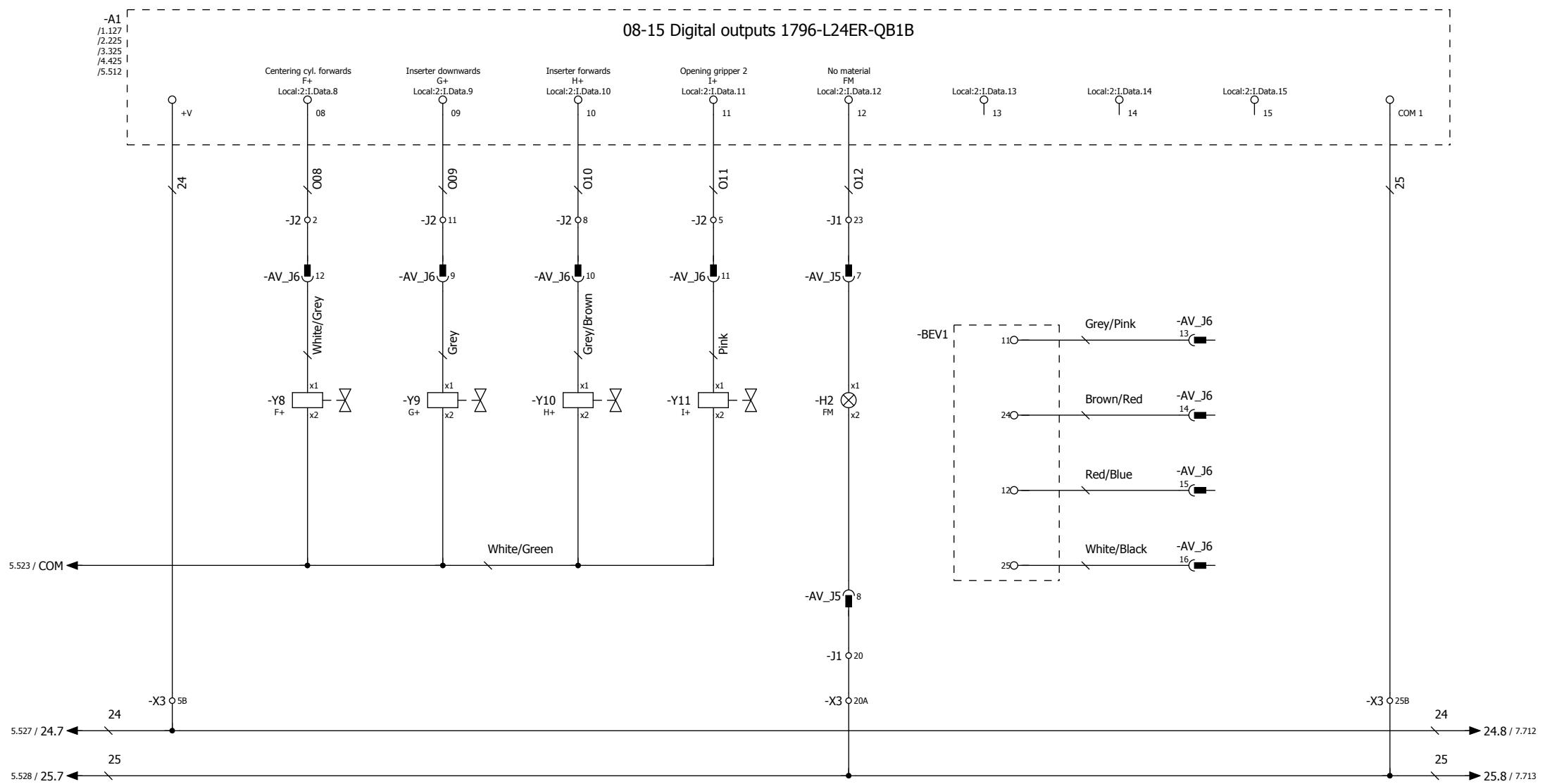
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Date 13/07/2015 PLC OUTPUTS 1

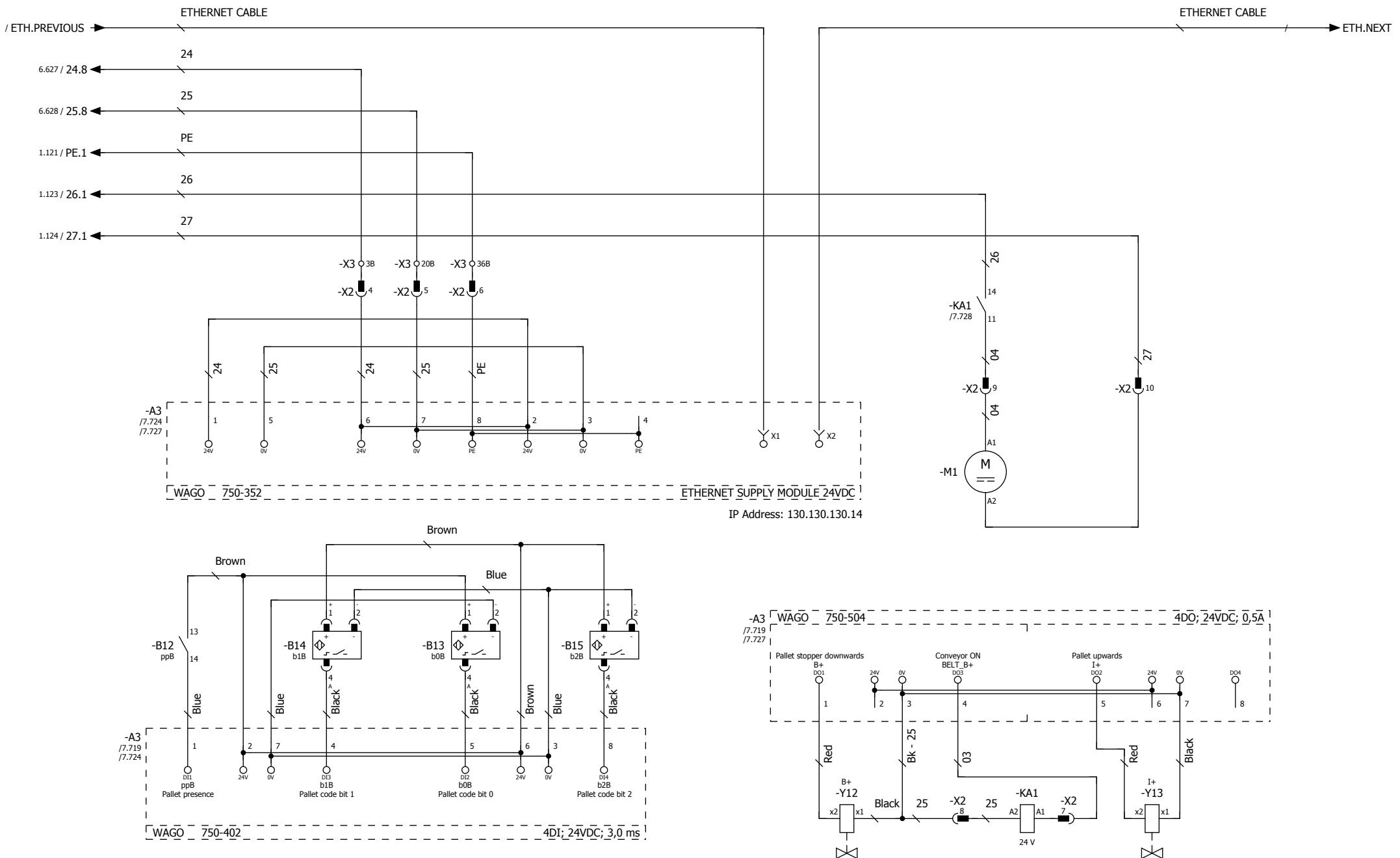
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C/ Zuazobidea, 14  
01015 Vitoria-Gasteiz (País Vasco)





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x2

A

B

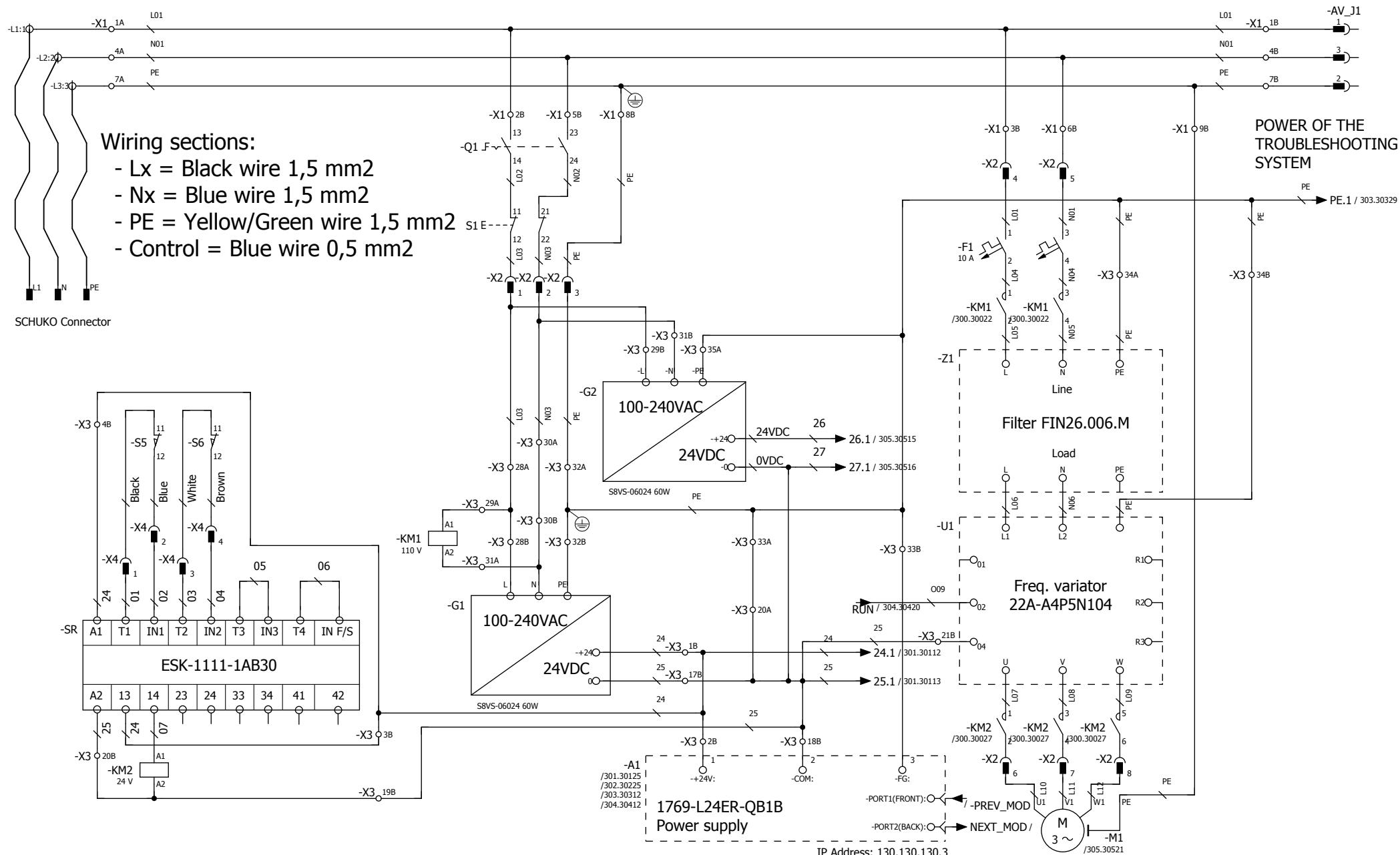
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L02		N01	N02	PE	PE

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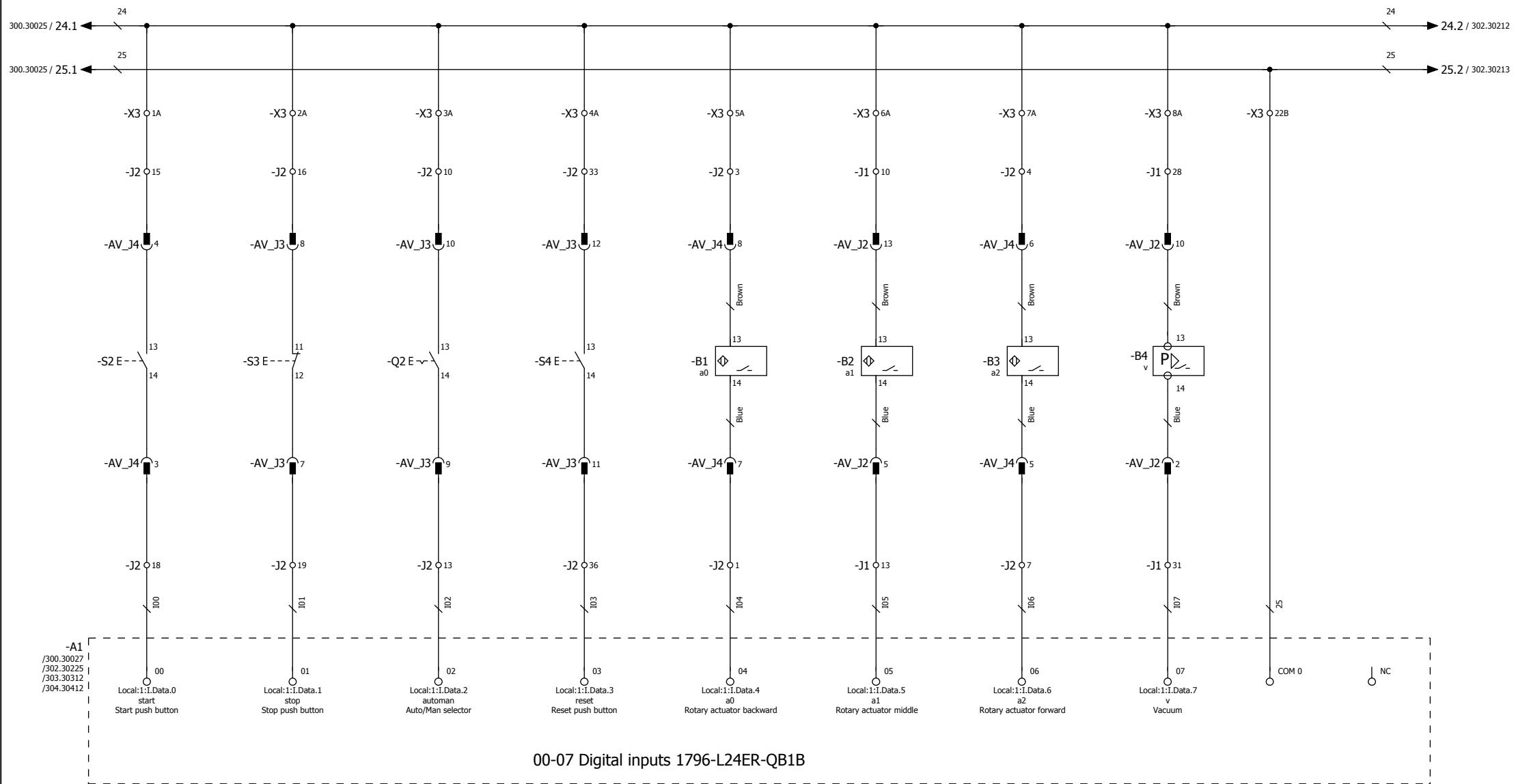
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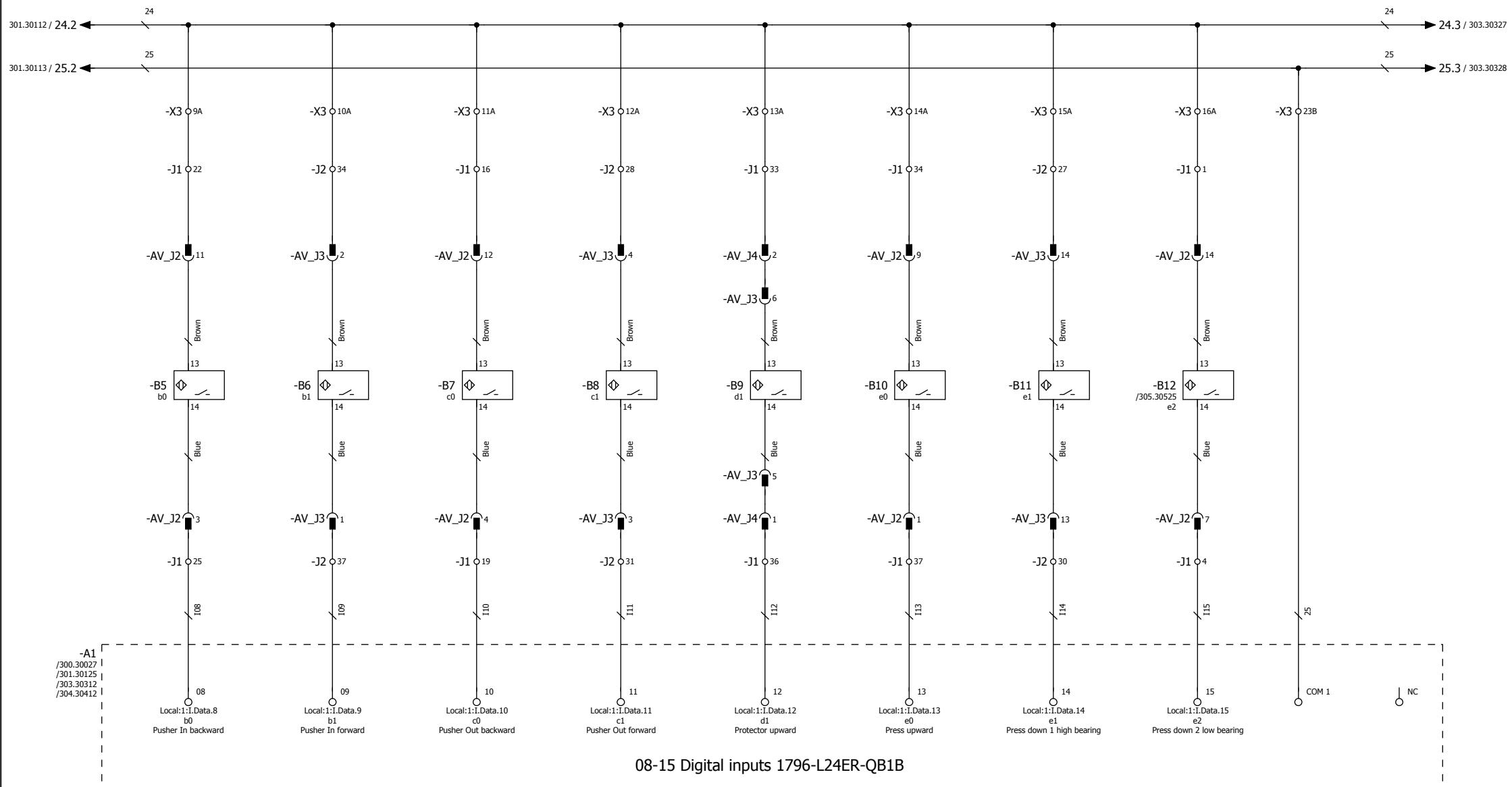
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Rev.	Change	Date	Name	COMPACTLOGIX_L24ER			SMC Int. Training	Page
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				Date	21/10/2015	POWER	INTERNATIONAL TRAINING	



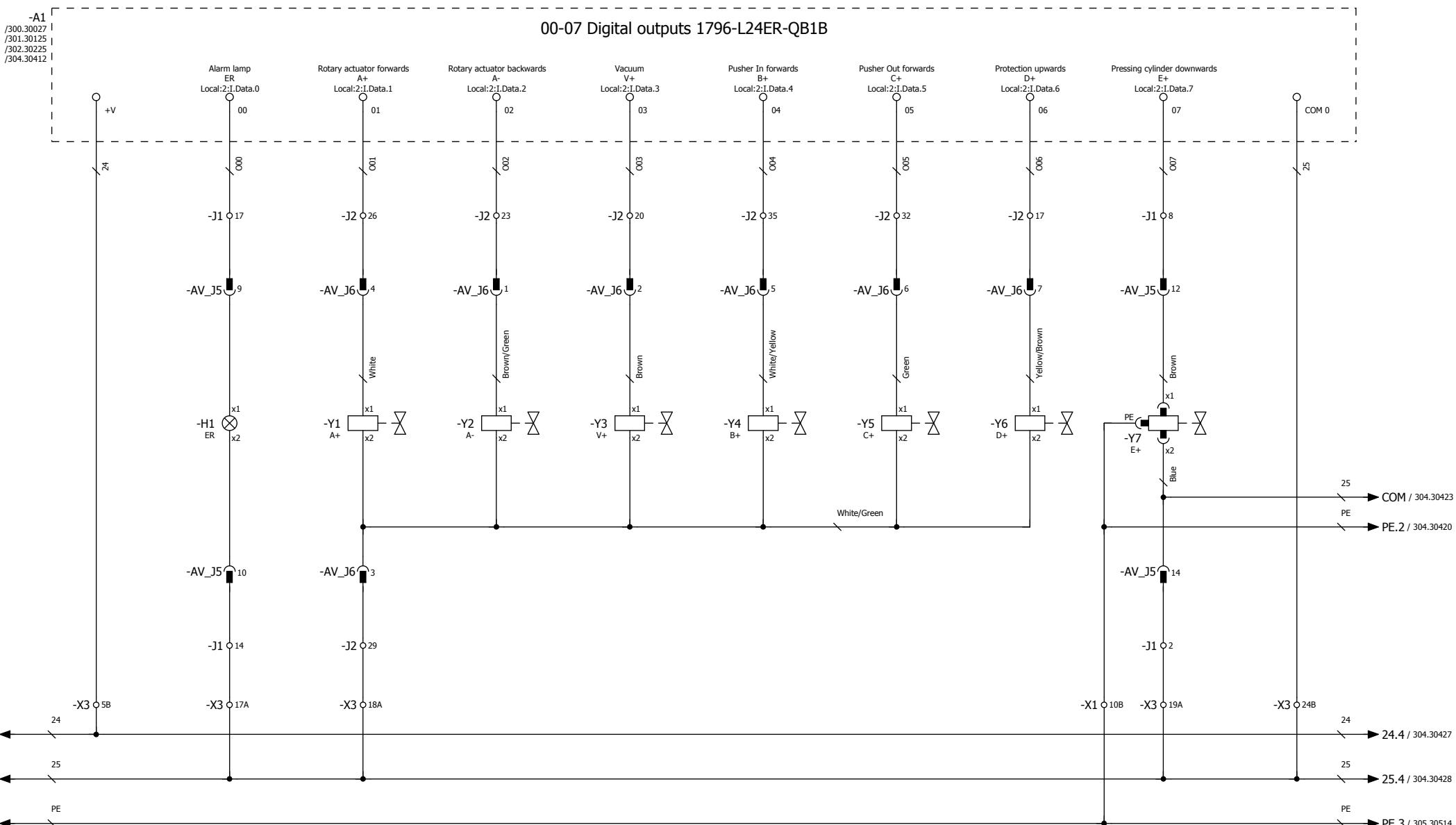
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Rev.	Change	Date	Name
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**SMC Int. Training**C/ Zuazobidea, 14  
01015 Vitoria-Gasteiz (País Vasco)

### 00-07 Digital outputs 1796-L24ER-QB1B



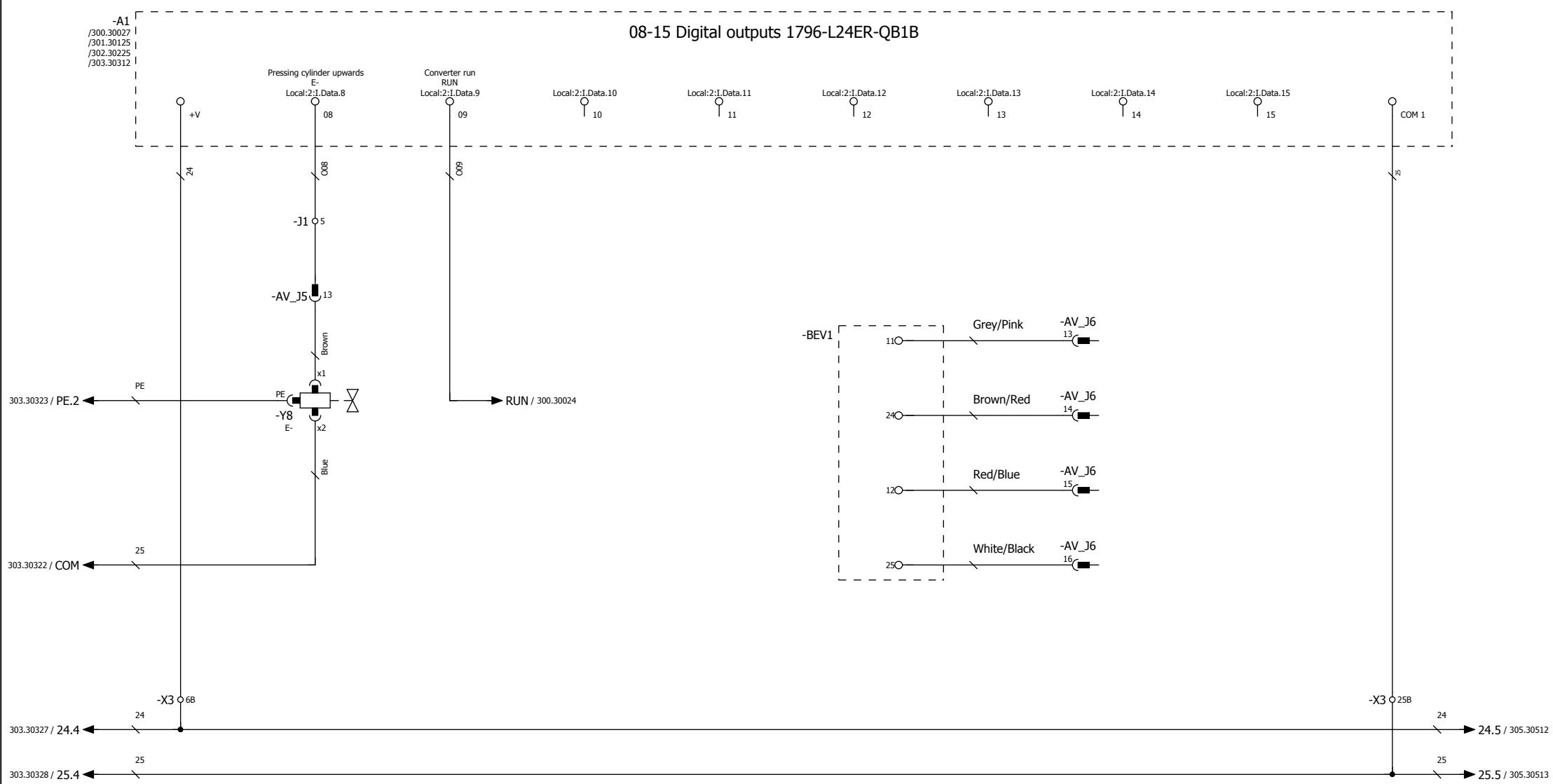
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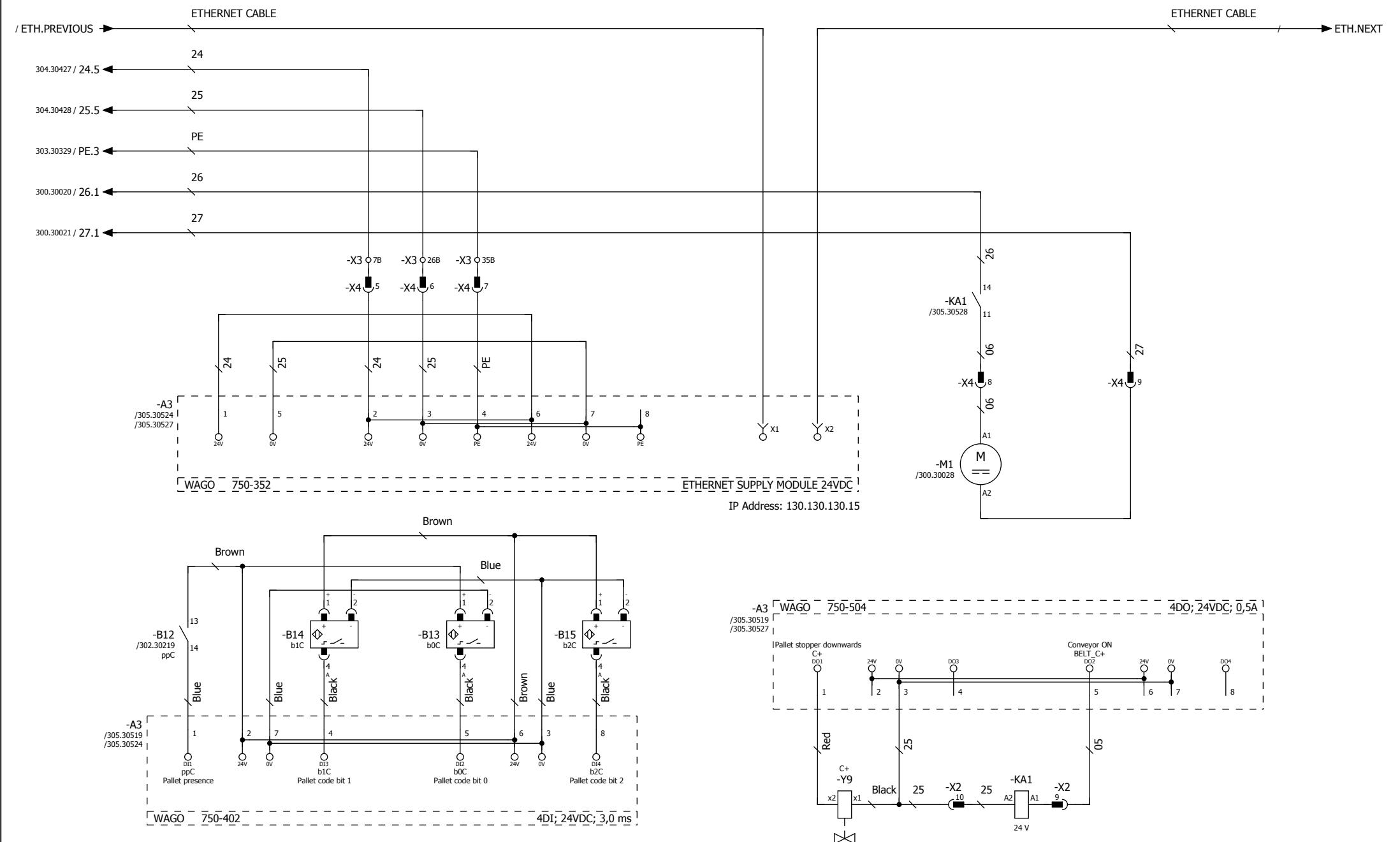
**SMC Int. Training**

C/ Zuazobidea, 14  
01015 Vitoria-Gasteiz (País Vasco)



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Rev.	Change	Date	Name
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**COMPACTLOGIX\_L24ER**

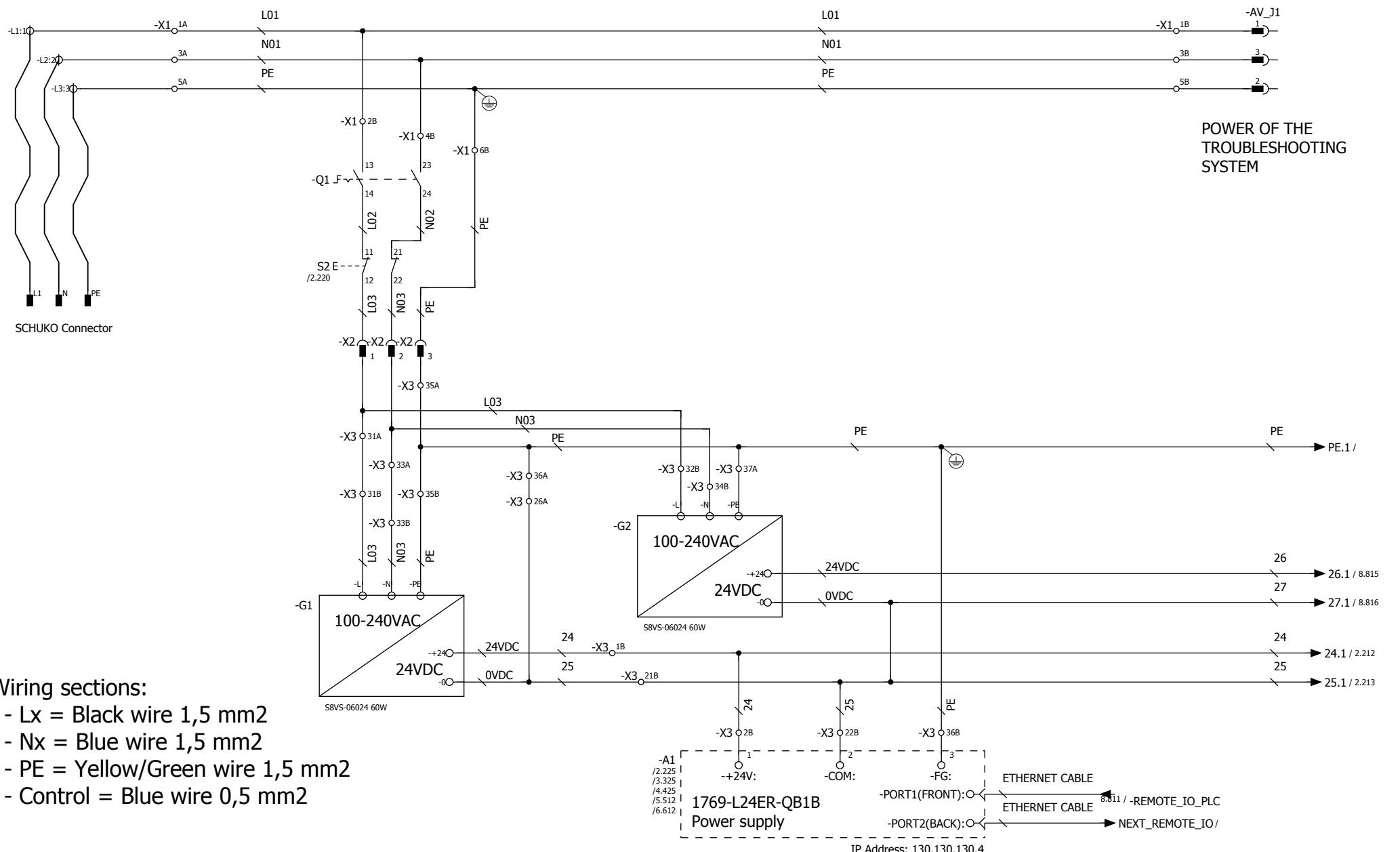
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**SMC Int. Training**

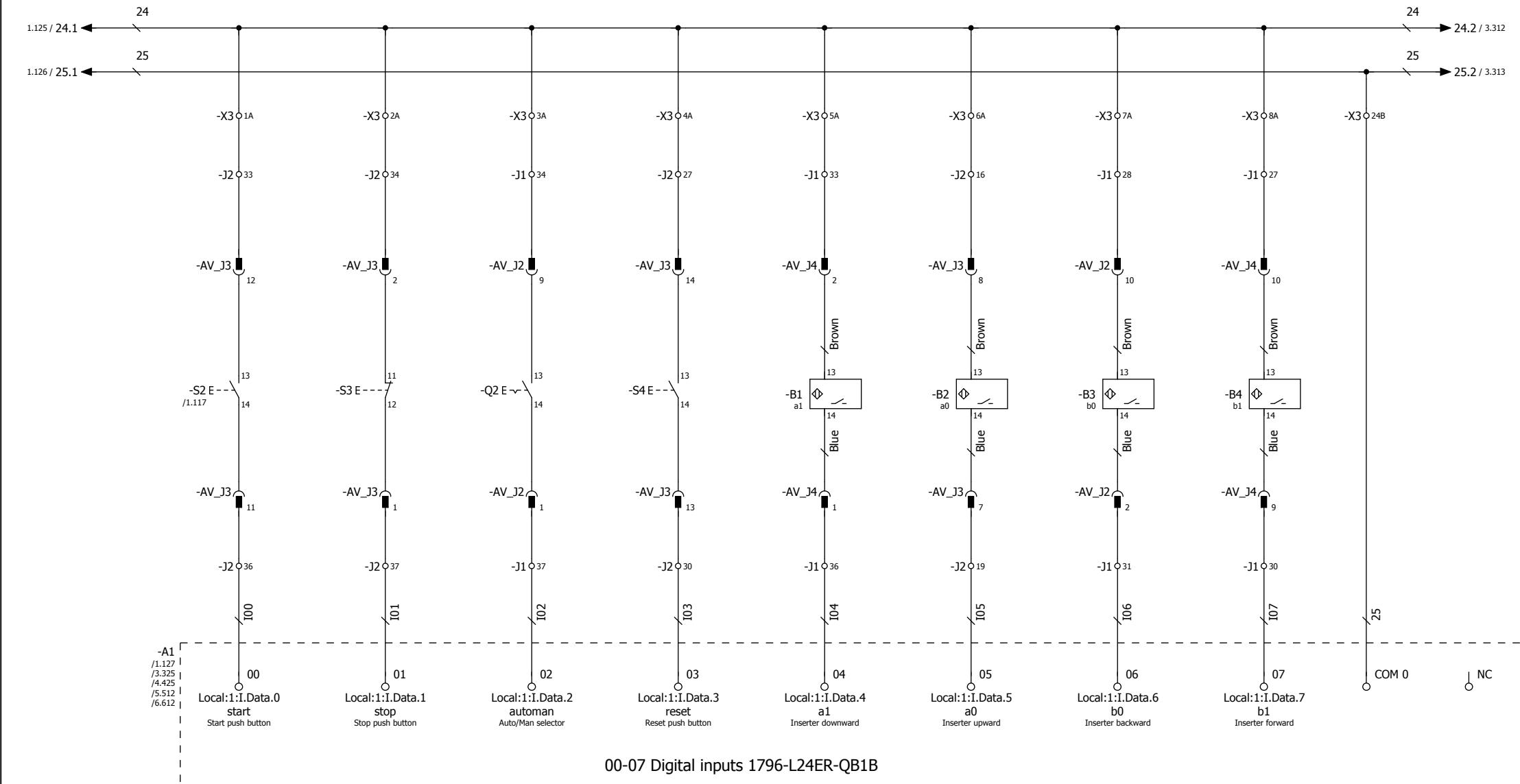
C/ Zuazobidea, 14  
01015 Vitoria-Gasteiz (País Vasco)

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<b>A</b>					<b>B</b>																																											
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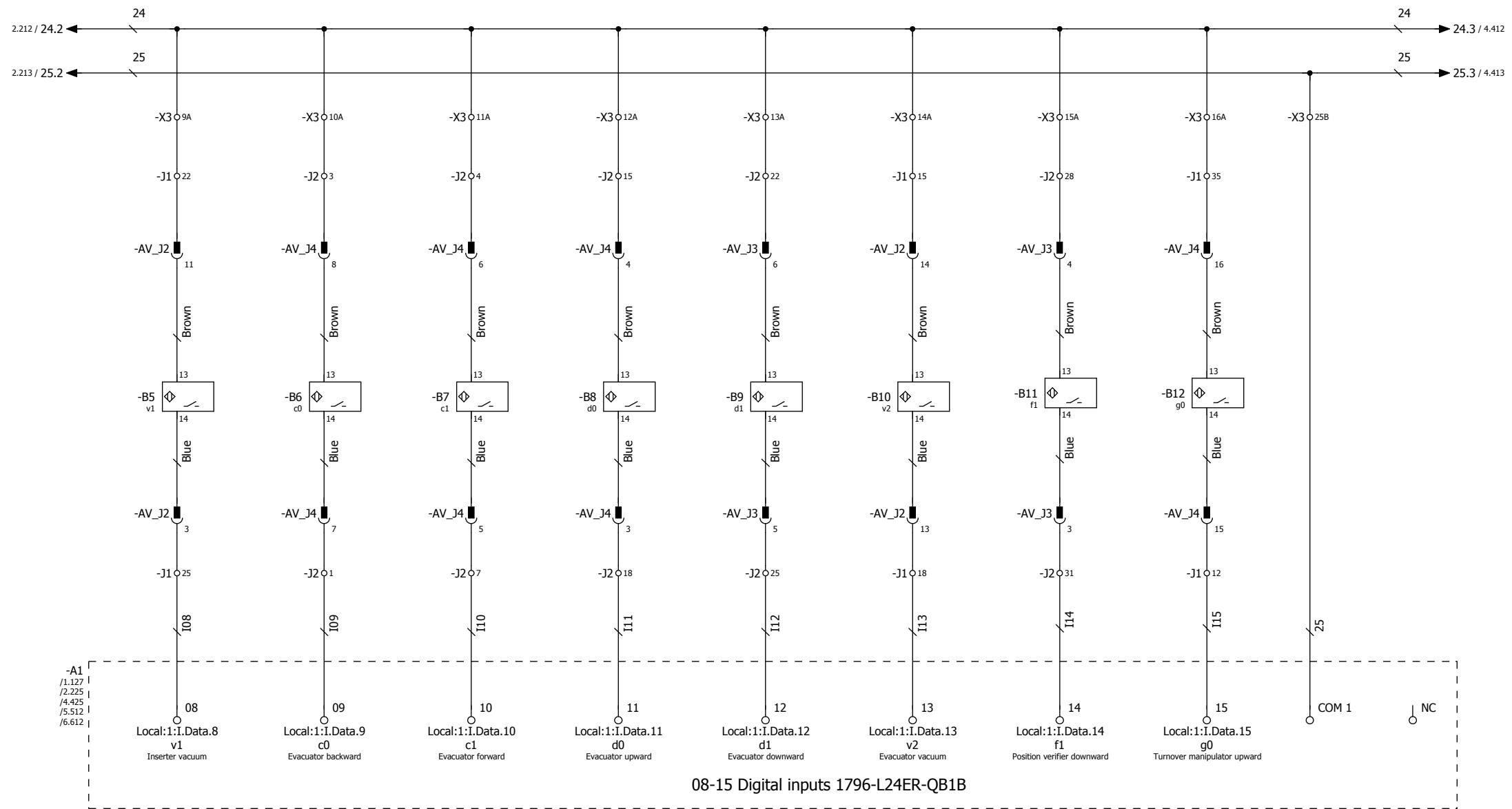
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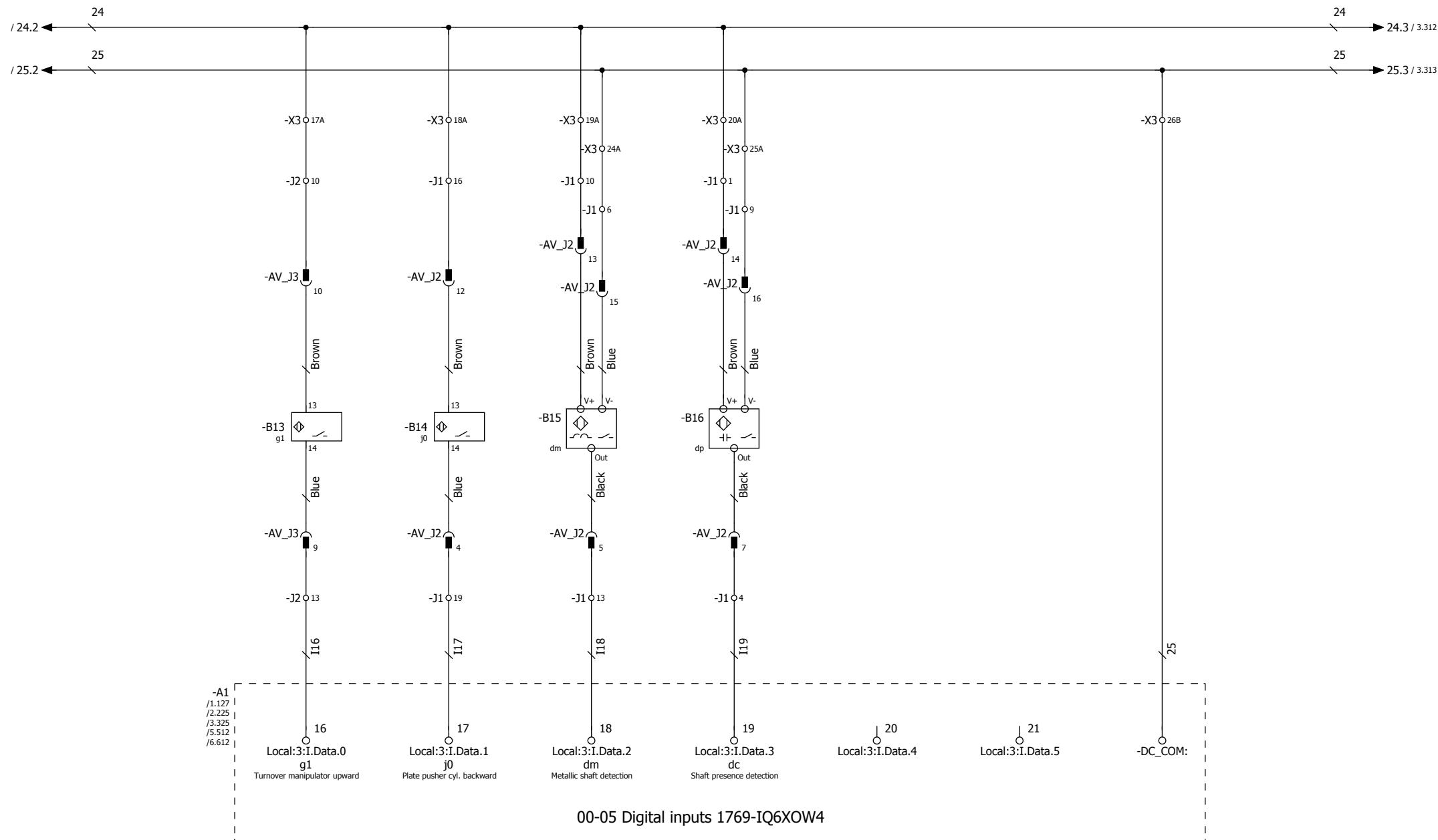
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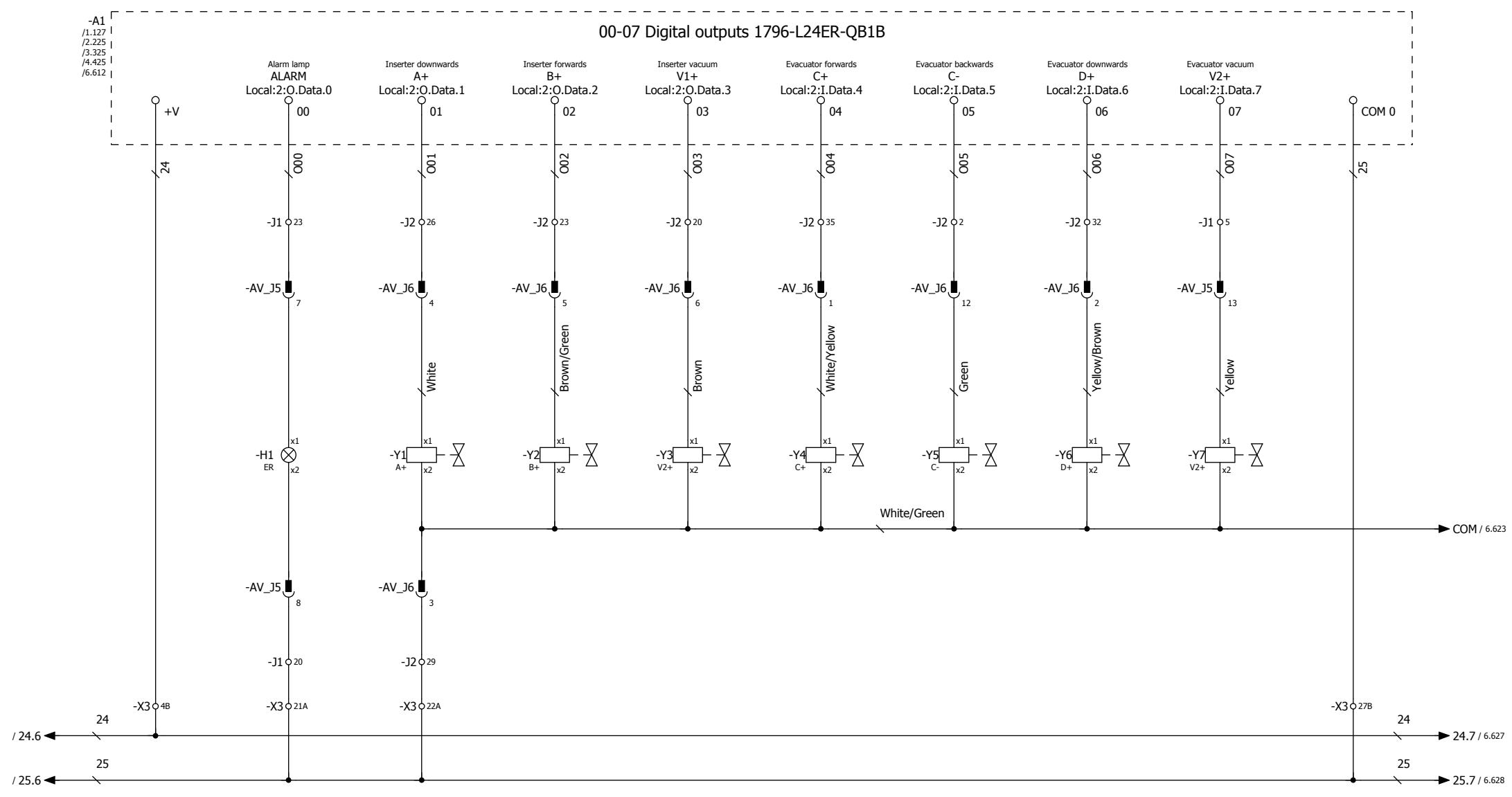
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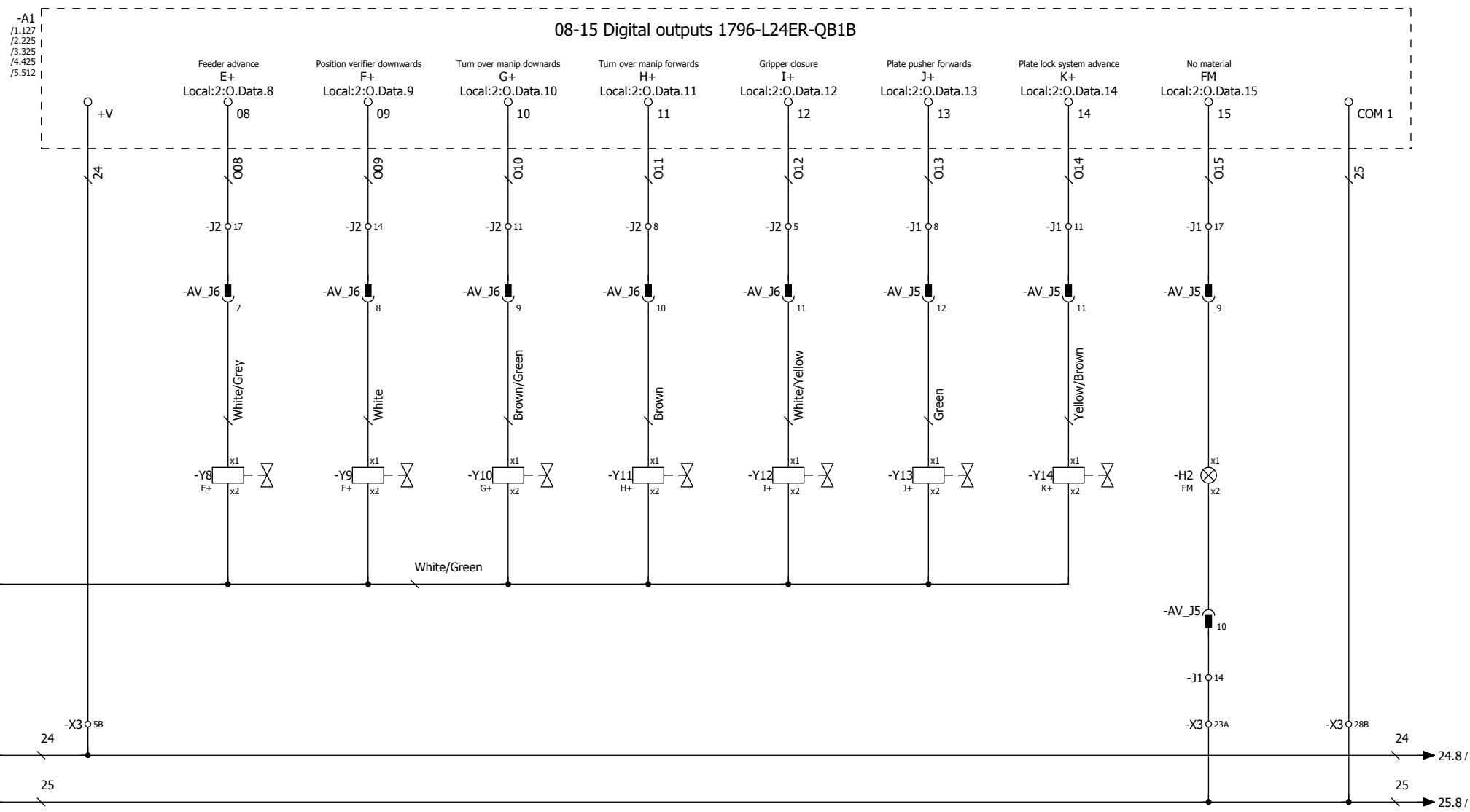
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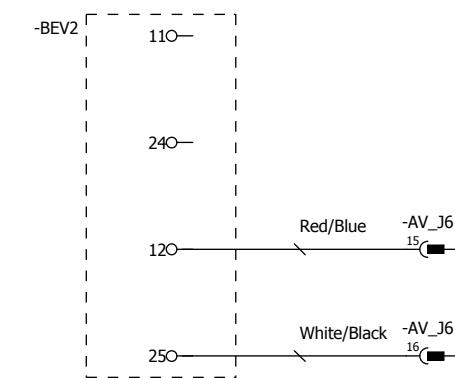
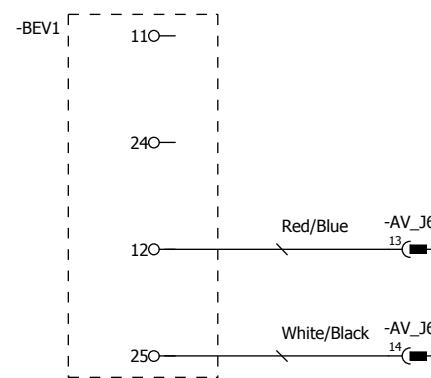
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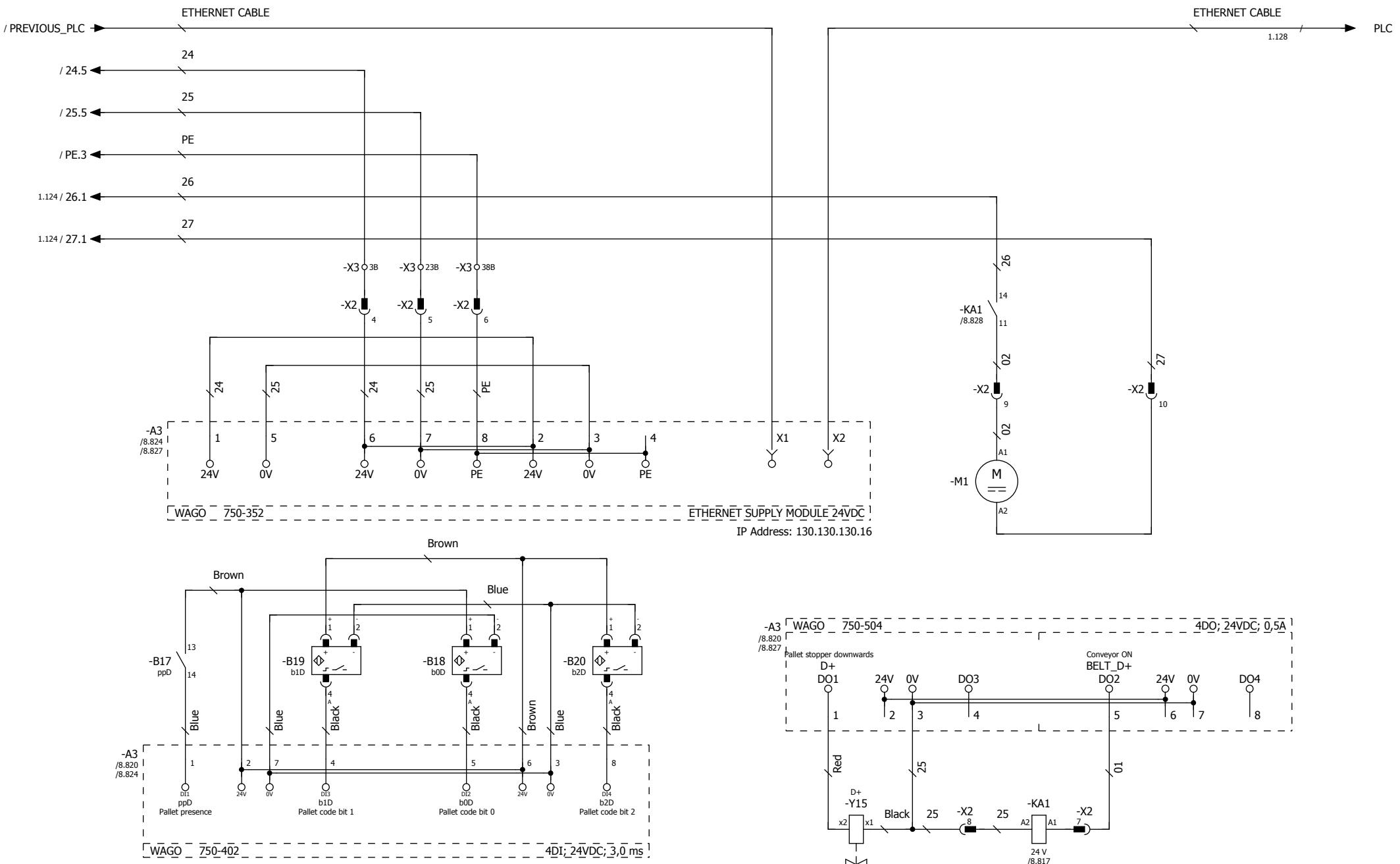
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Rev.	Change	Date	Name	COMPACTLOGIX_L24ER			<b>SMC Int. Training</b>	C/ Zuazobidea, 14 01015 Vitoria-Gasteiz (País Vasco)	 INTERNATIONAL TRAINING	Page 6
				Drew by	K4D6	FMS204_SHAFT				
				Date	13/07/2015	PLC OUTPUTS 2				



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				Date	13/07/2015	MANIFOLD			



Rev.	Change	Date	Name	COMPACTLOGIX_L24ER			SMC Int. Training	SMC	Page
							C/ Zuazobidea, 14 01015 Vitoria-Gasteiz (País Vasco)	INTERNATIONAL TRAINING	
									8

**X1****A****B**

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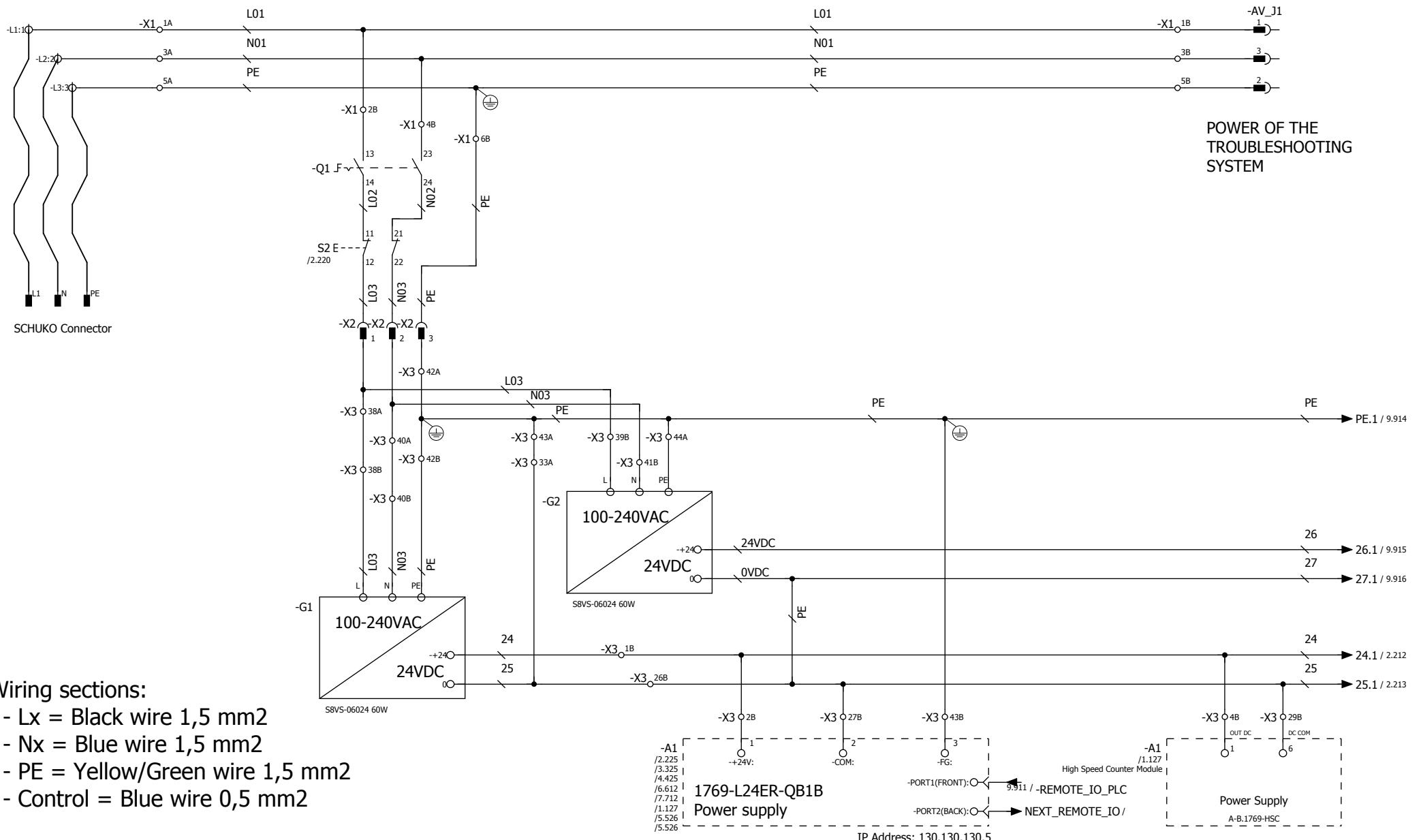
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**X3**

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**B**

Rev.	Change	Date	Name	COMPACTLOGIX_L24ER				SMC Int. Training				SMC INTERNATIONAL TRAINING				Page
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				Date	13/07/2015	CONNECTIONS		01015 Vitoria-Gasteiz (País Vasco)								



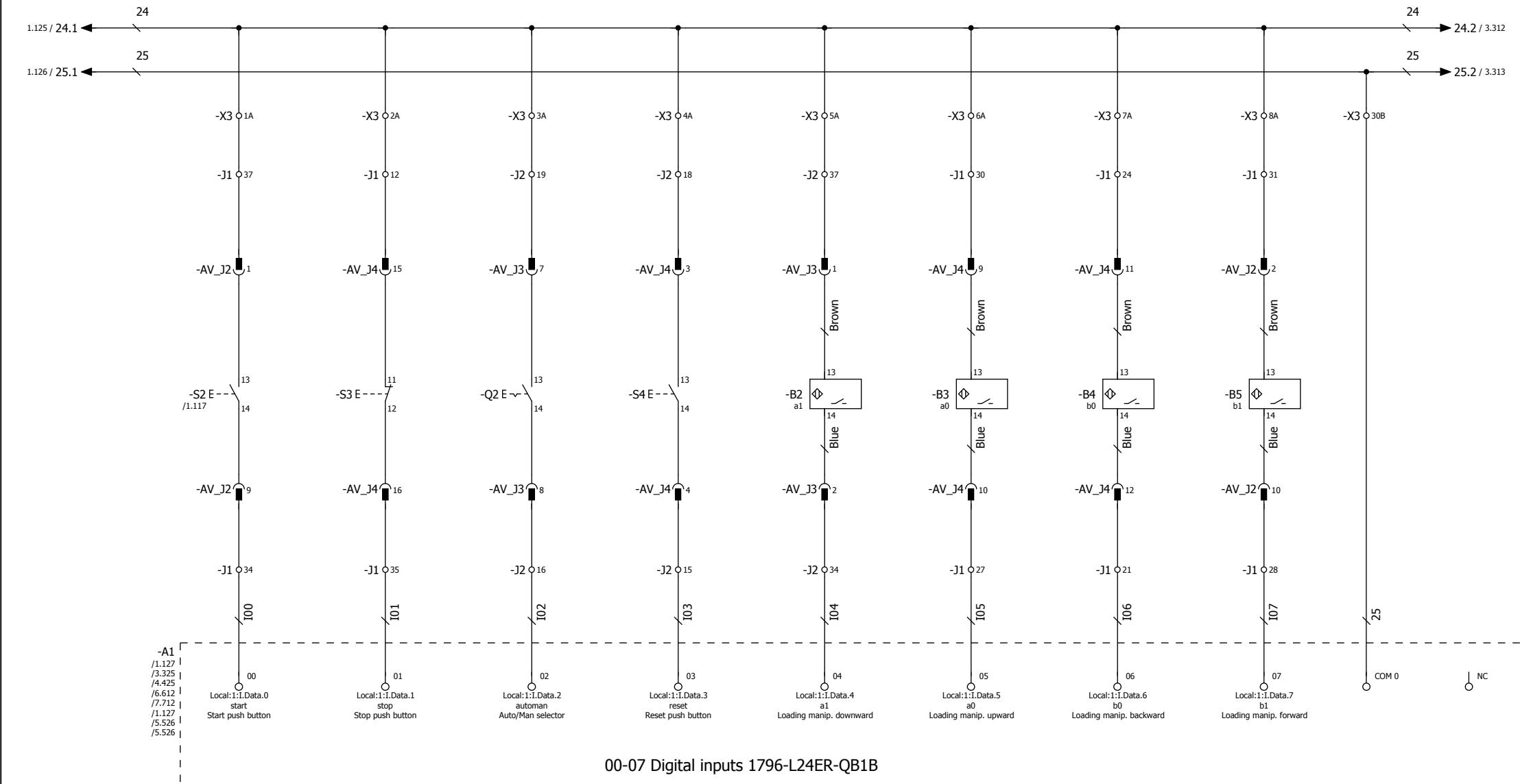
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**COMPACTLOGIX\_L24ER**

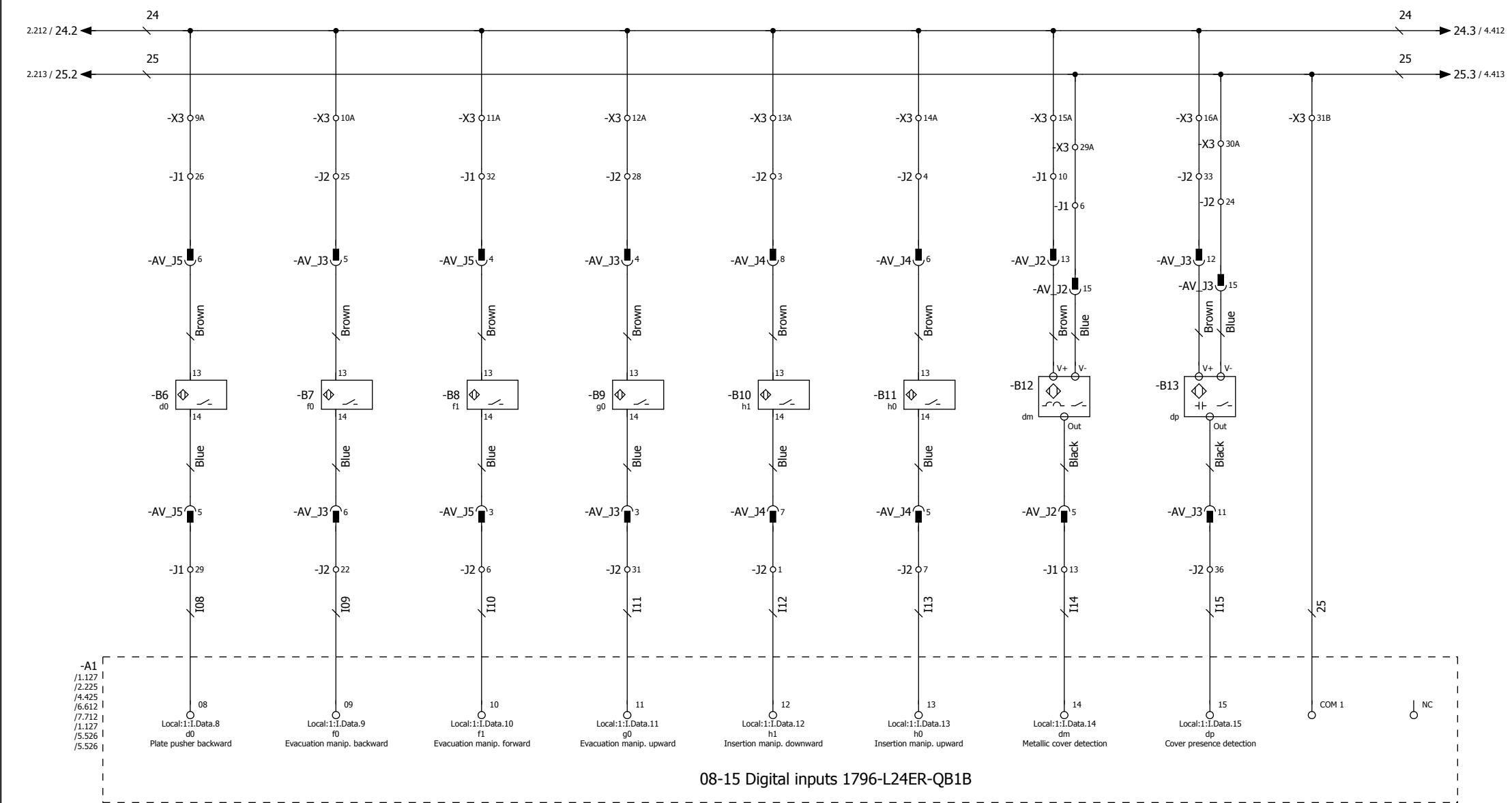
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Date 13/07/2015 POWER

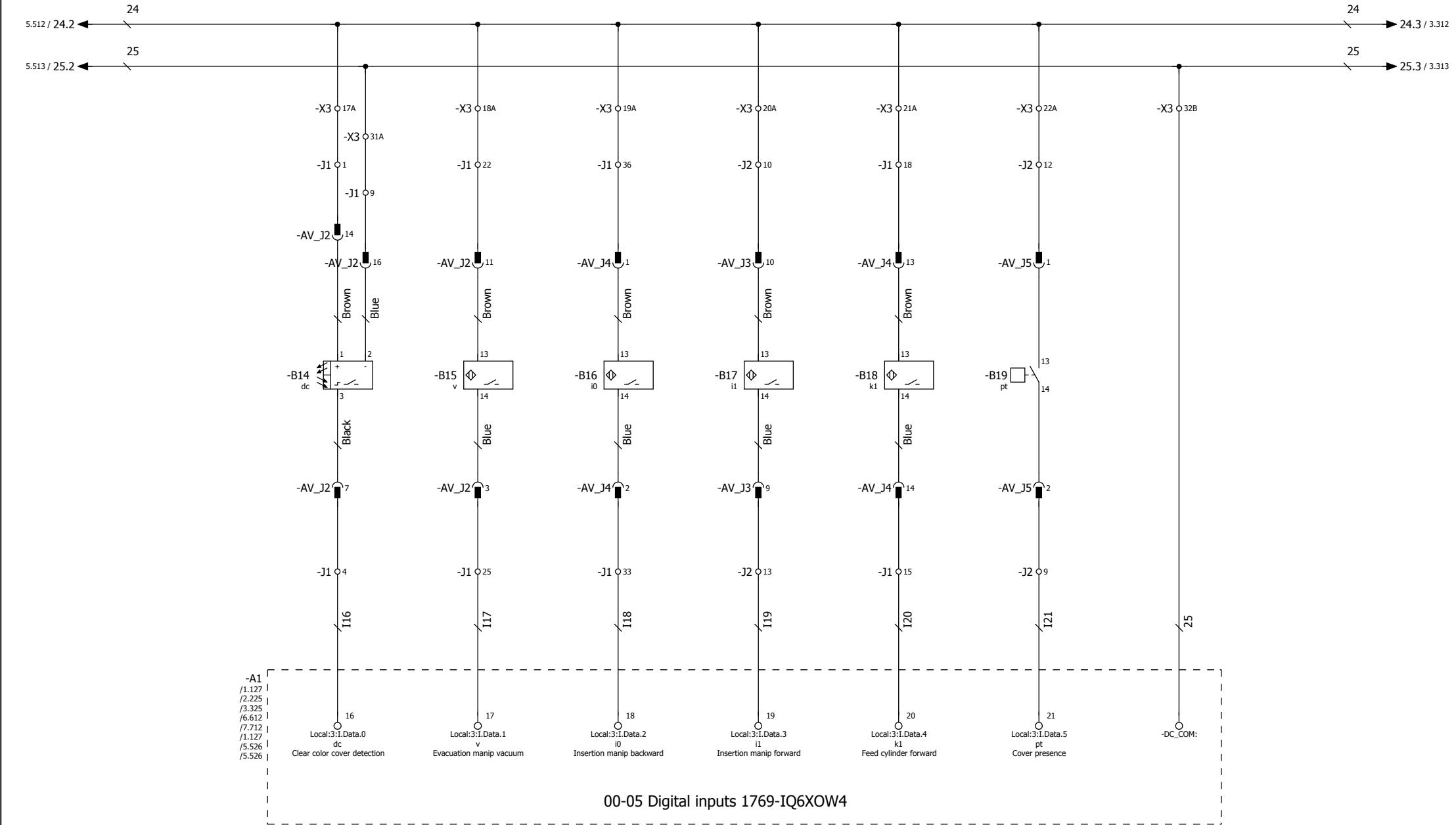
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01015 Vitoria-Gasteiz (País Vasco)



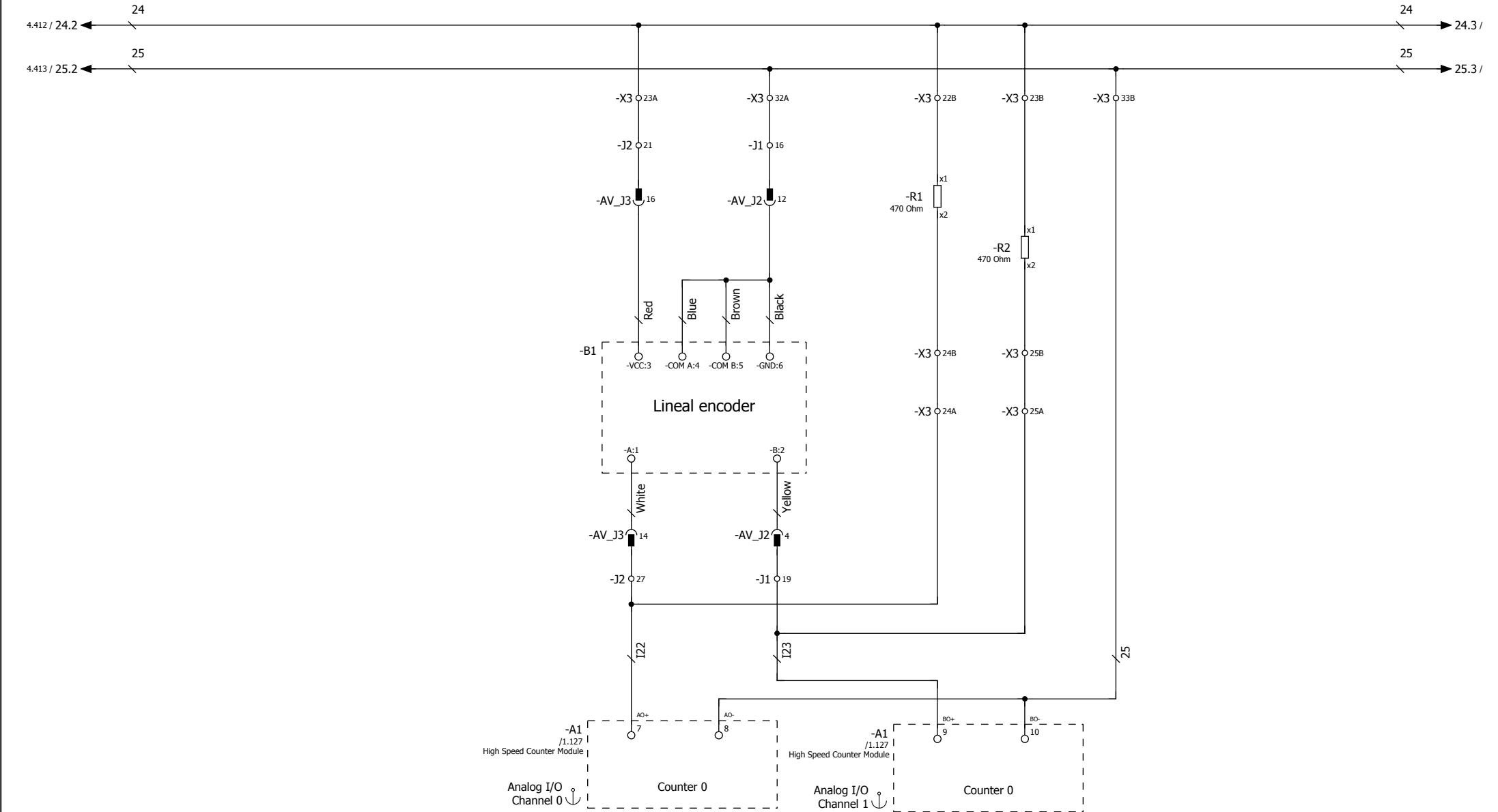
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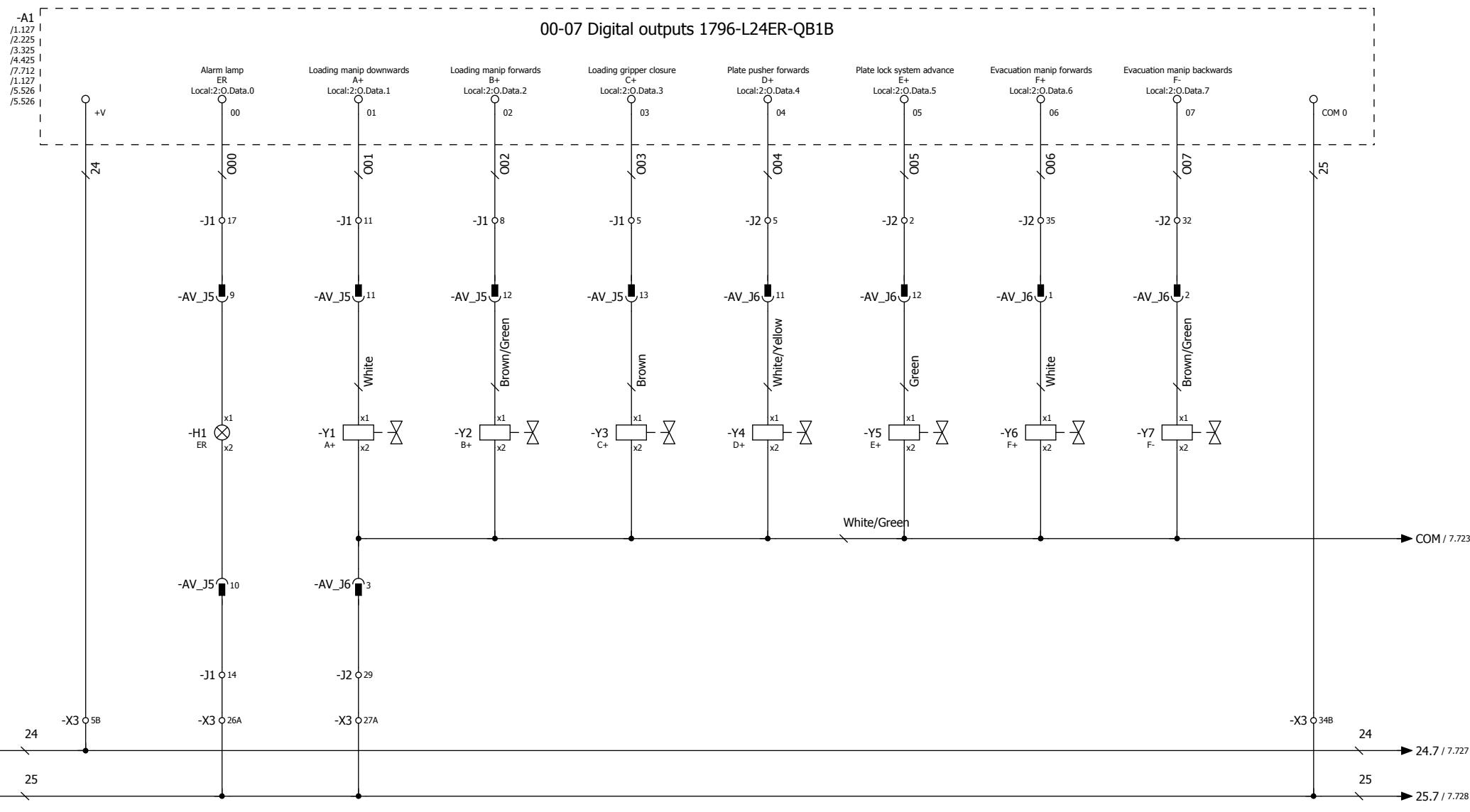


Rev.	Change	Date	Name	COMPACTLOGIX_L24ER			SMC Int. Training	SMC International Training	Page
				Drew by	K4D6	FMS205_COVER	C/ Zuazobidea, 14 01015 Vitoria-Gasteiz (País Vasco)	 INTERNATIONAL TRAINING	4
				Date	13/07/2015	PLC INPUTS 3			

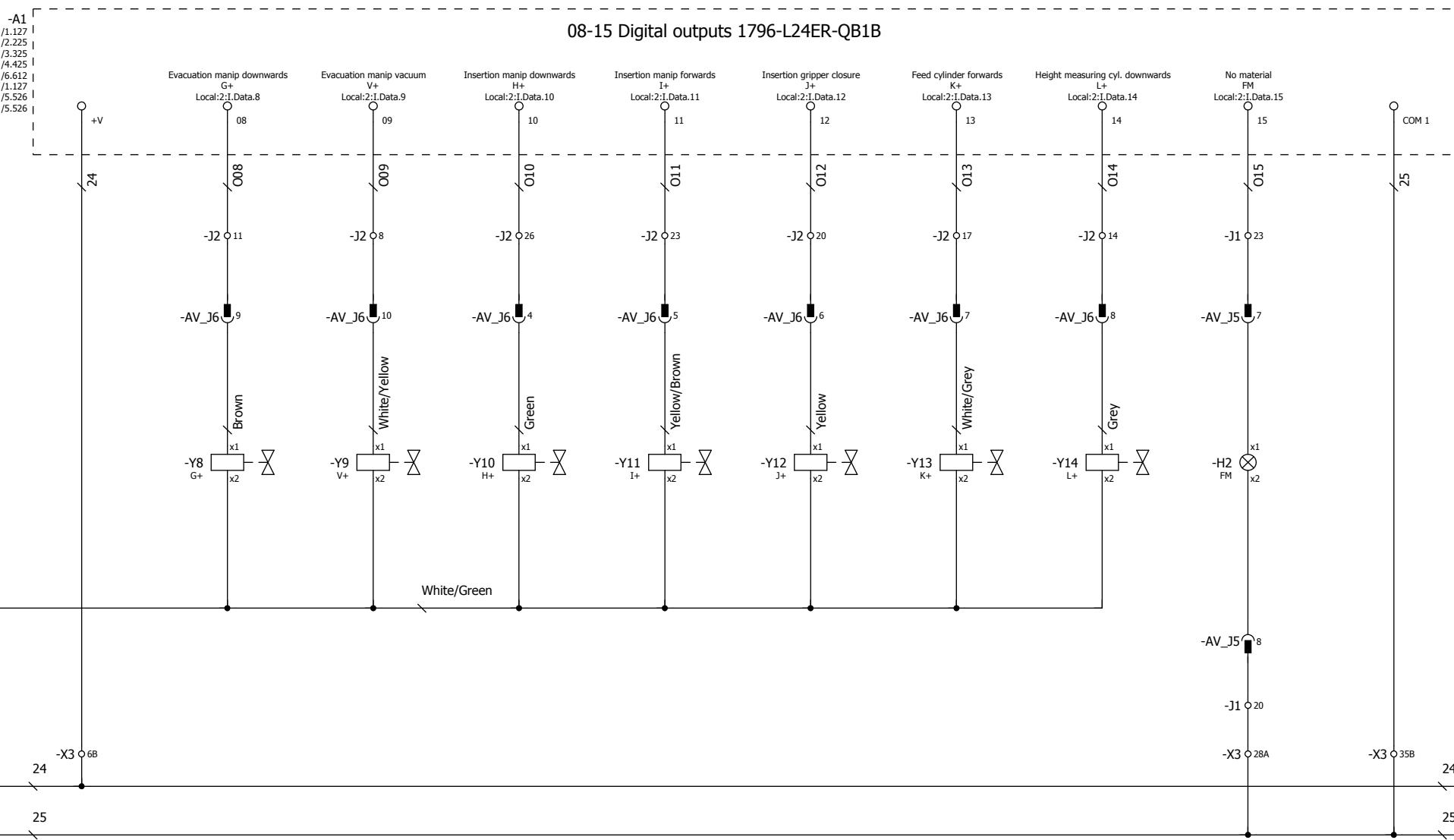


Rev.	Change	Date	Name	COMPACTLOGIX_L24ER			SMC Int. Training	SMC	Page
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				Date	13/07/2015	PLC HSC INPUTS			

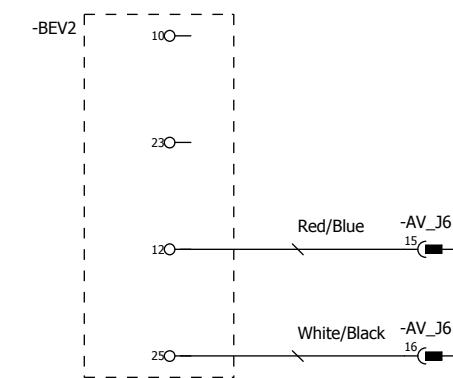
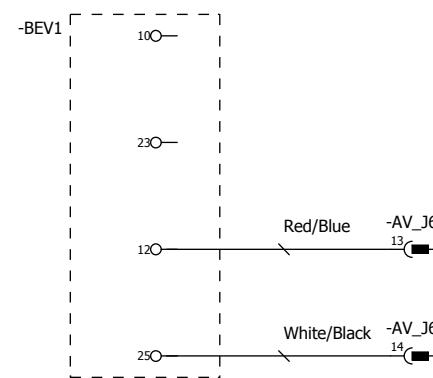
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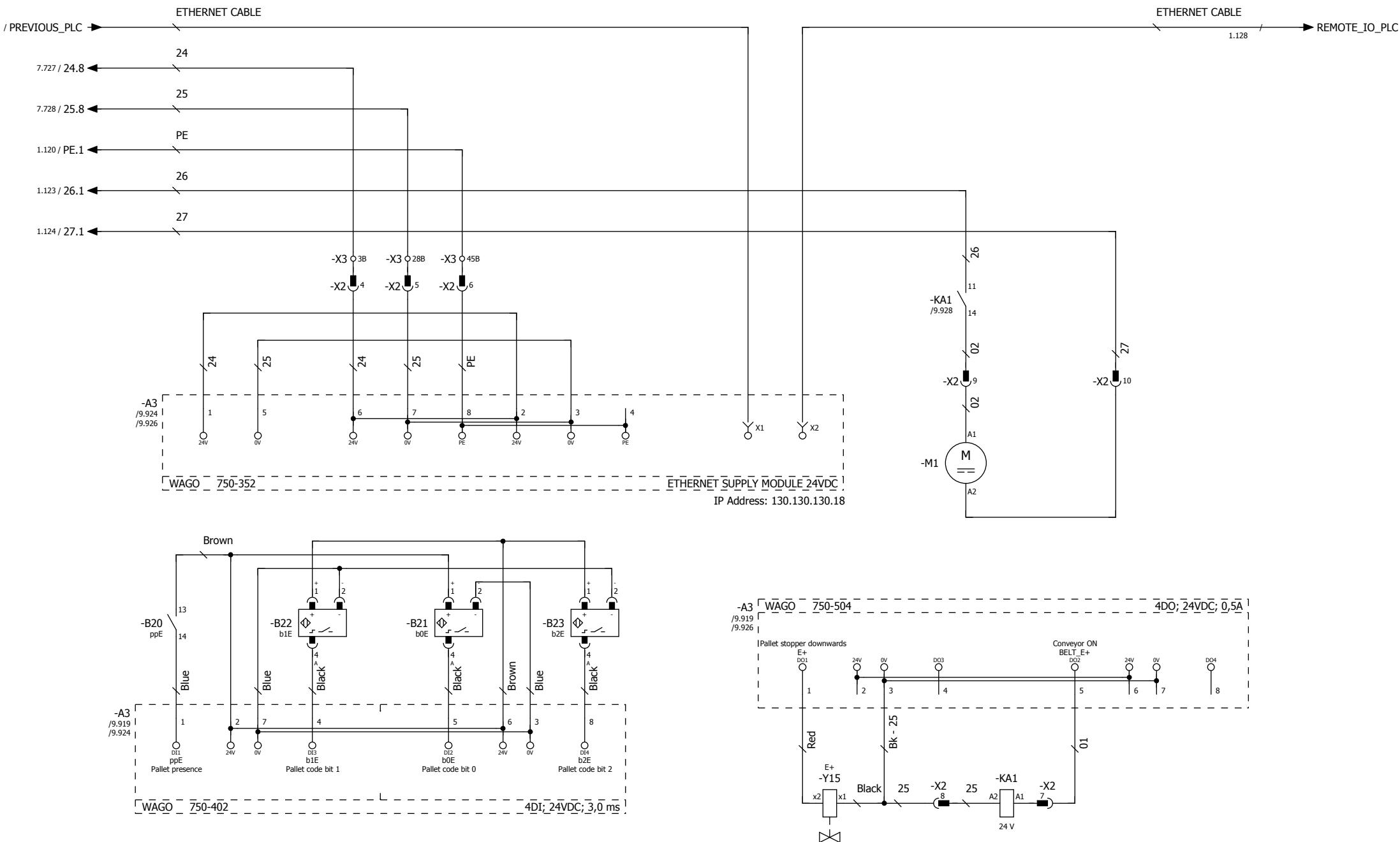
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				Date	13/07/2015	PLC OUTPUTS 1			



Rev.	Change	Date	Name	COMPACTLOGIX_L24ER			SMC Int. Training	SMC International Training	Page
				Drew by	K4D6	FMS205_COVER	C/ Zuazobidea, 14	INTERNATIONAL TRAINING	7
				Date	13/07/2015	PLC OUTPUTS 2	01015 Vitoria-Gasteiz (País Vasco)		



Rev.	Change	Date	Name	COMPACTLOGIX_L24ER			SMC Int. Training	SMC® INTERNATIONAL TRAINING	Page
				Drew by	K4D6	FMS205_COVER	C/ Zuazobidea, 14 01015 Vitoria-Gasteiz (País Vasco)		
				Date	13/07/2015	MANIFOLD			
									8



Rev.	Change	Date	Name	COMPACTLOGIX_L24ER			<b>SMC Int. Training</b>	C/ Zuazobidea, 14 01015 Vitoria-Gasteiz (País Vasco)	 INTERNATIONAL TRAINING	Page 9
				Drew by	K4D6	FMS205_COVER				

x1

A  
B

1	2	3	4	5	6
L01		N01		PE	
L02		N01		PE	

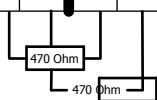
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L03	L03	1
N03	N03	2
PE	PE	3
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27	27	10

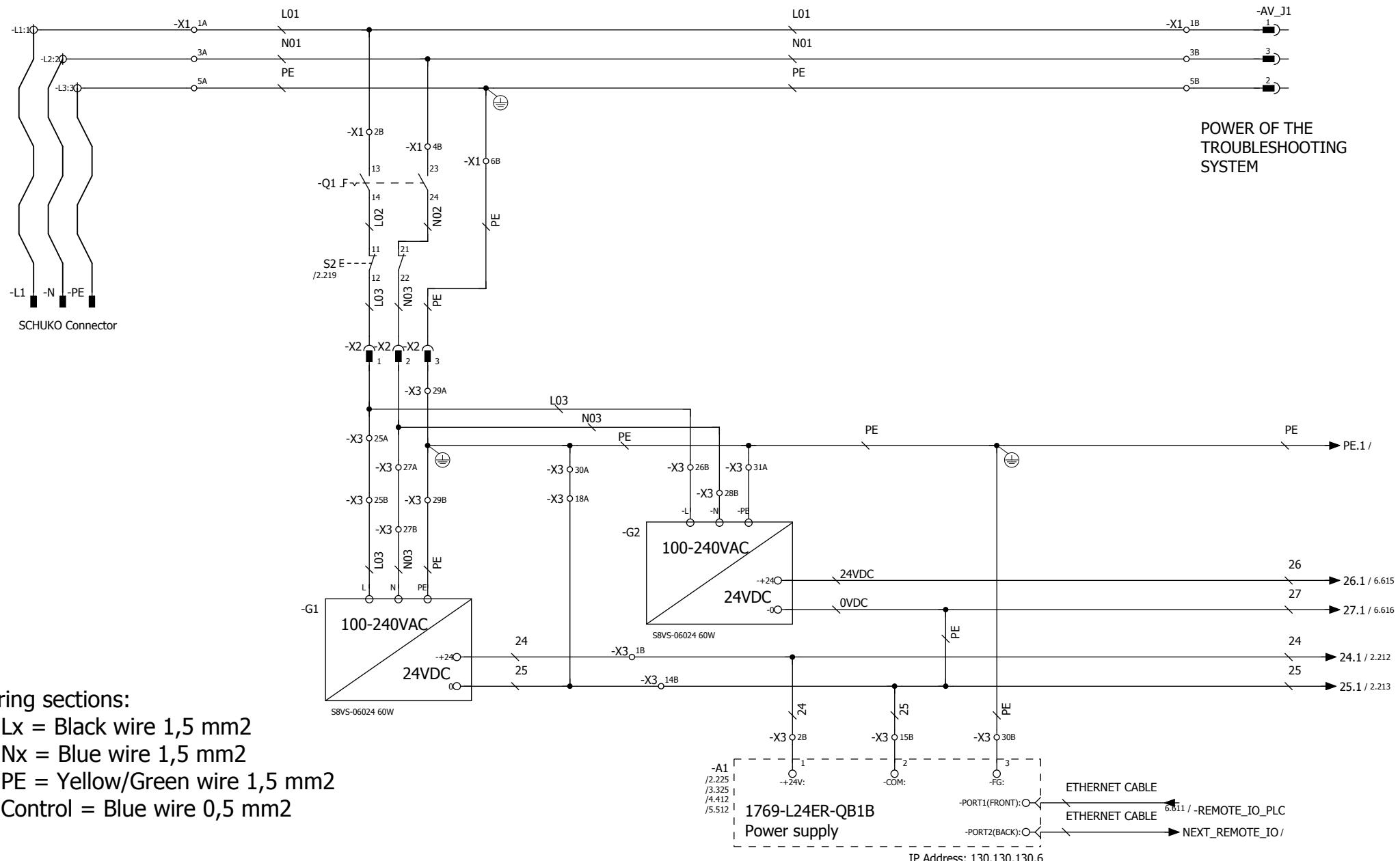
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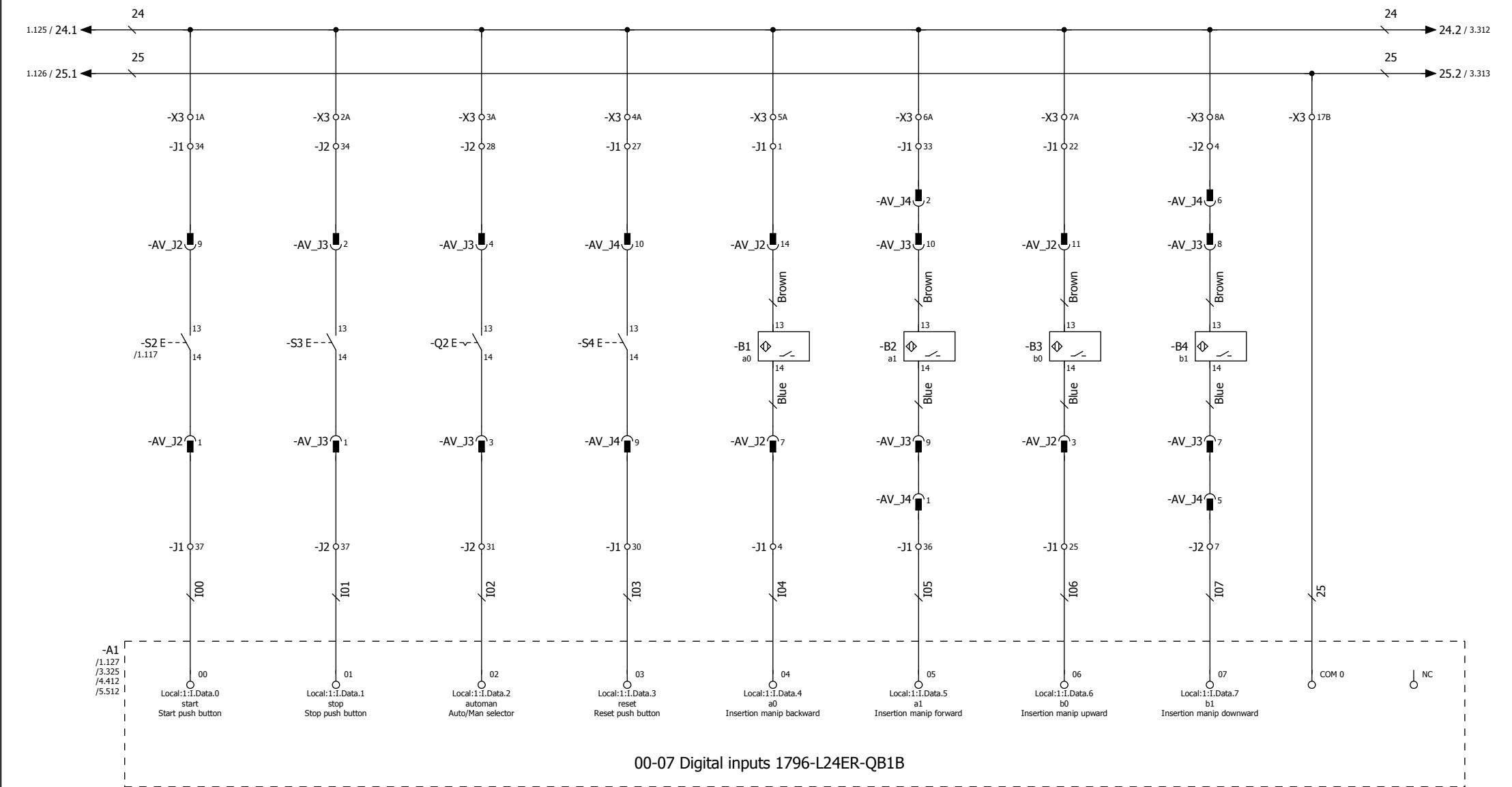
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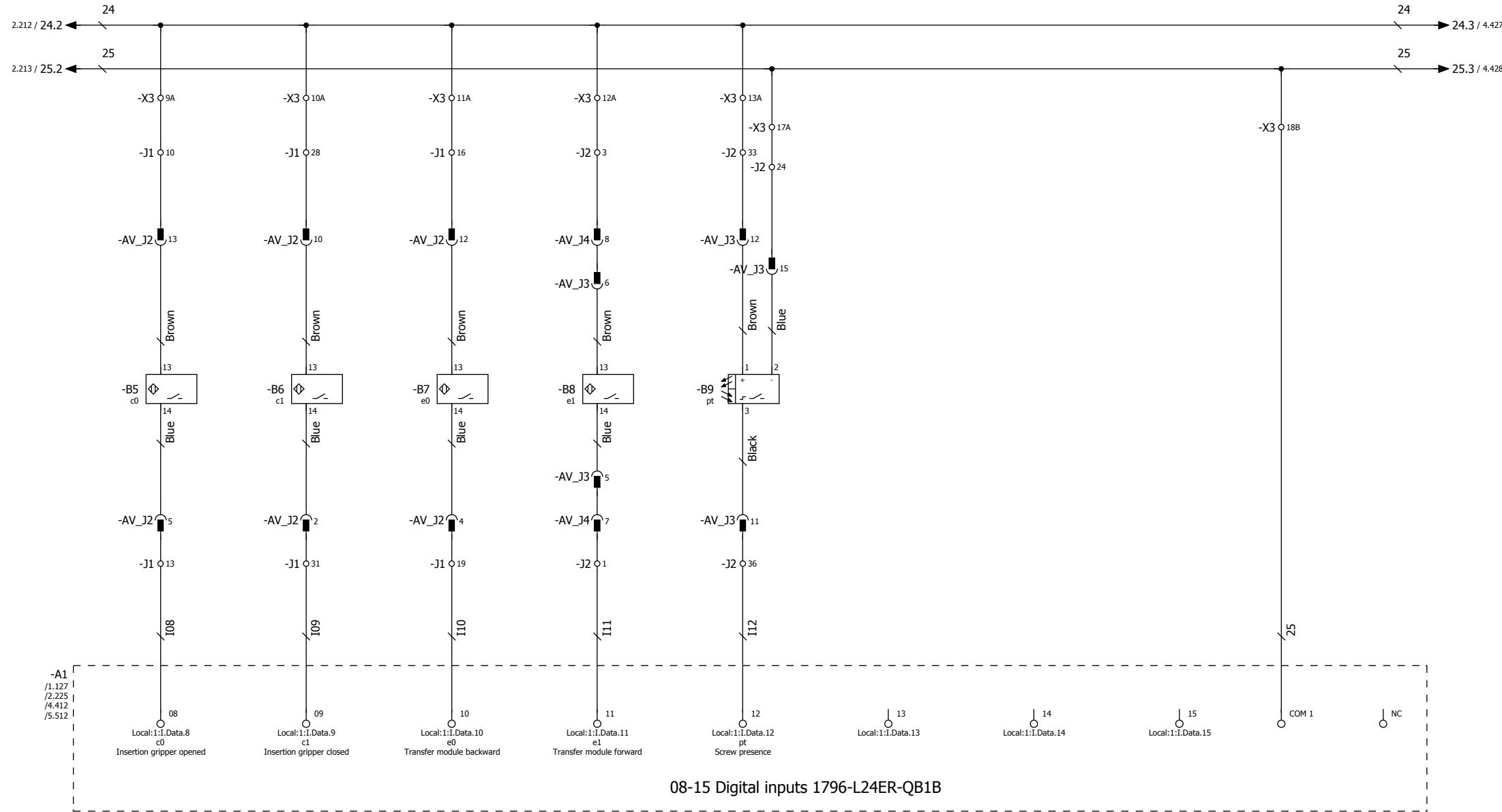
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		Probado				IEC_bas001			Hoja 10	
Cambio	Fecha	Nombre	Original	Sustitución por	Sustituido por				Hoja 184	



Rev.	Change	Date	Name	COMPACTLOGIX_L24ER			SMC Int. Training	Page
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				Date	13/07/2015	POWER	INTERNATIONAL TRAINING	

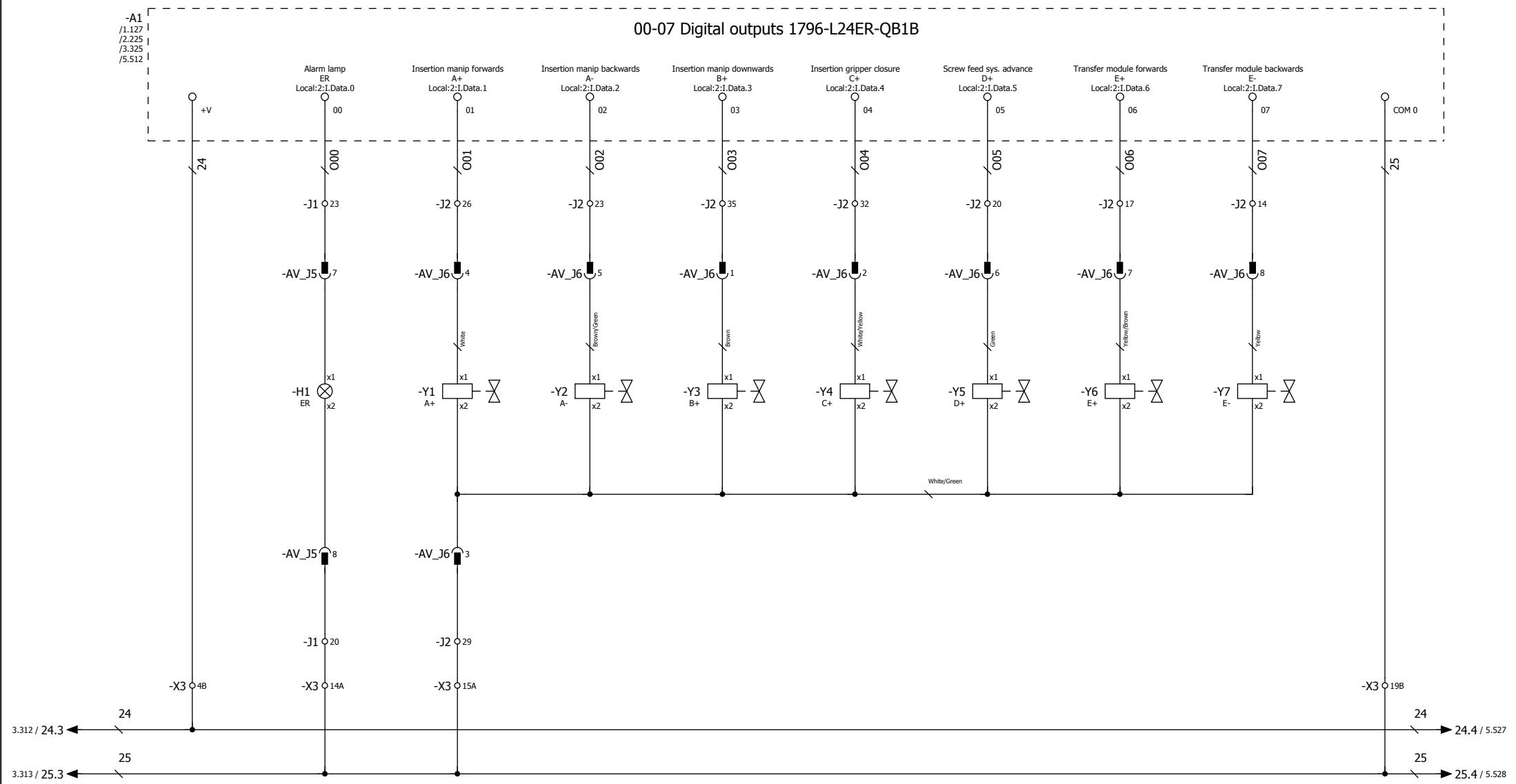


Rev.	Change	Date	Name	COMPACTLOGIX_L24ER_WAGO			SMC Int. Training	SMC International Training	Page
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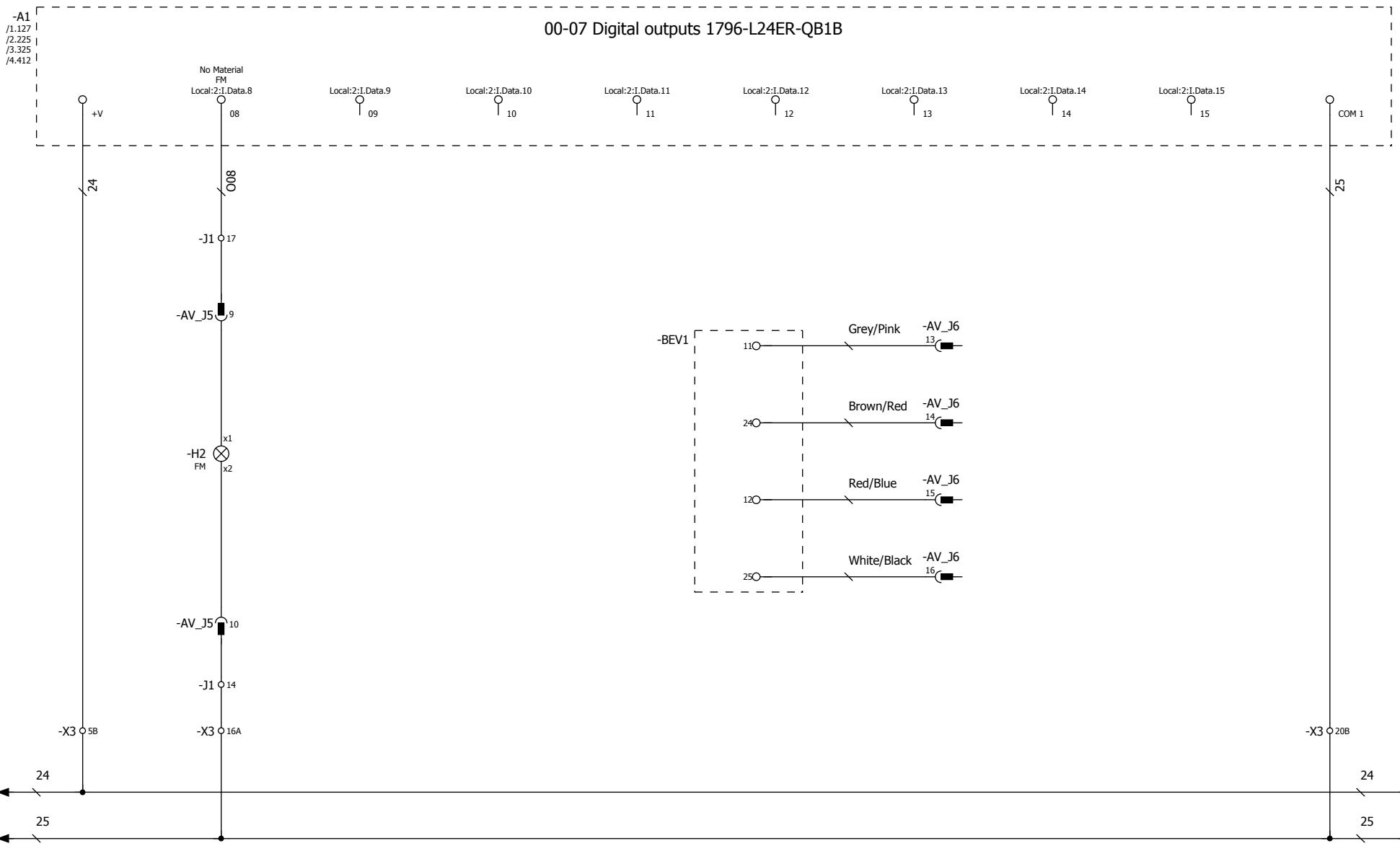


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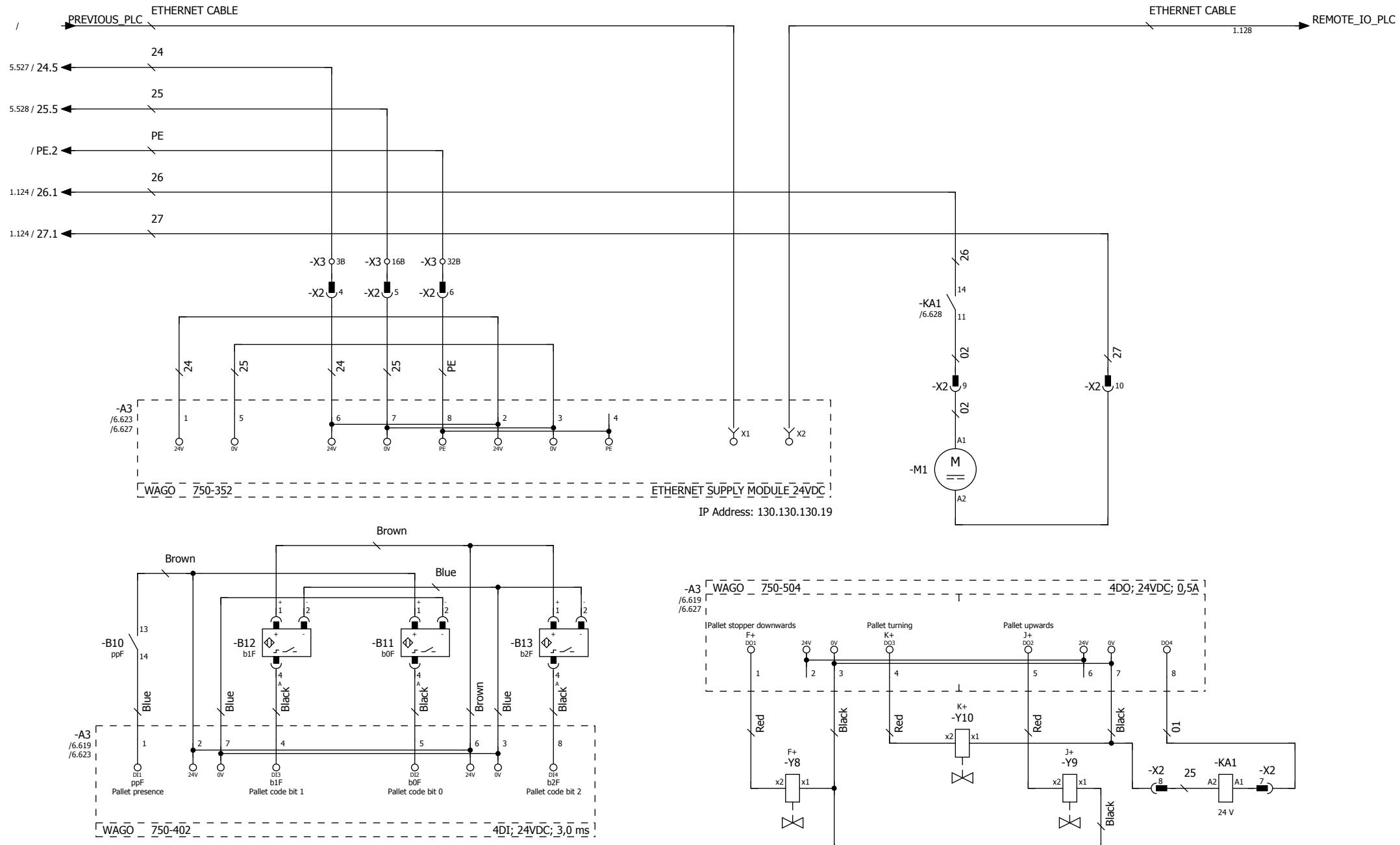
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Rev.	Change	Date	Name	COMPACTLOGIX_L24ER			SMC Int. Training	SMC	Page
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				Date	13/07/2015	PLC OUTPUTS 1			



Rev.	Change	Date	Name	COMPACTLOGIX_L24ER			SMC Int. Training	SMC	Page
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Rev.	Change	Date	Name	COMPACTLOGIX_L24ER			SMC Int. Training	SMC	Page
				Drew by	K4D6	FMS206_SCREWS	C/ Zuazobidea, 14 01015 Vitoria-Gasteiz (País Vasco)	INTERNATIONAL TRAINING	6
				Date	13/07/2015	REMOTE I/O (BELT)			

**X1****A****B**

1	2	L01	L01
		L02	
		N01	N01
		N02	
		PE	PE
		PE	PE

**X2**

1	2	L03	L03
		N03	N03
		PE	PE
		PE	PE
		PE	PE
		01	01
		25	25
		25	25
		02	02
		27	27

**X3**

1	24
24	24
24	24
24	24
24	24

6	7
24	24
24	24
24	24
24	24

8	9
24	24
24	24
24	24
24	24

10	11
24	24
24	24
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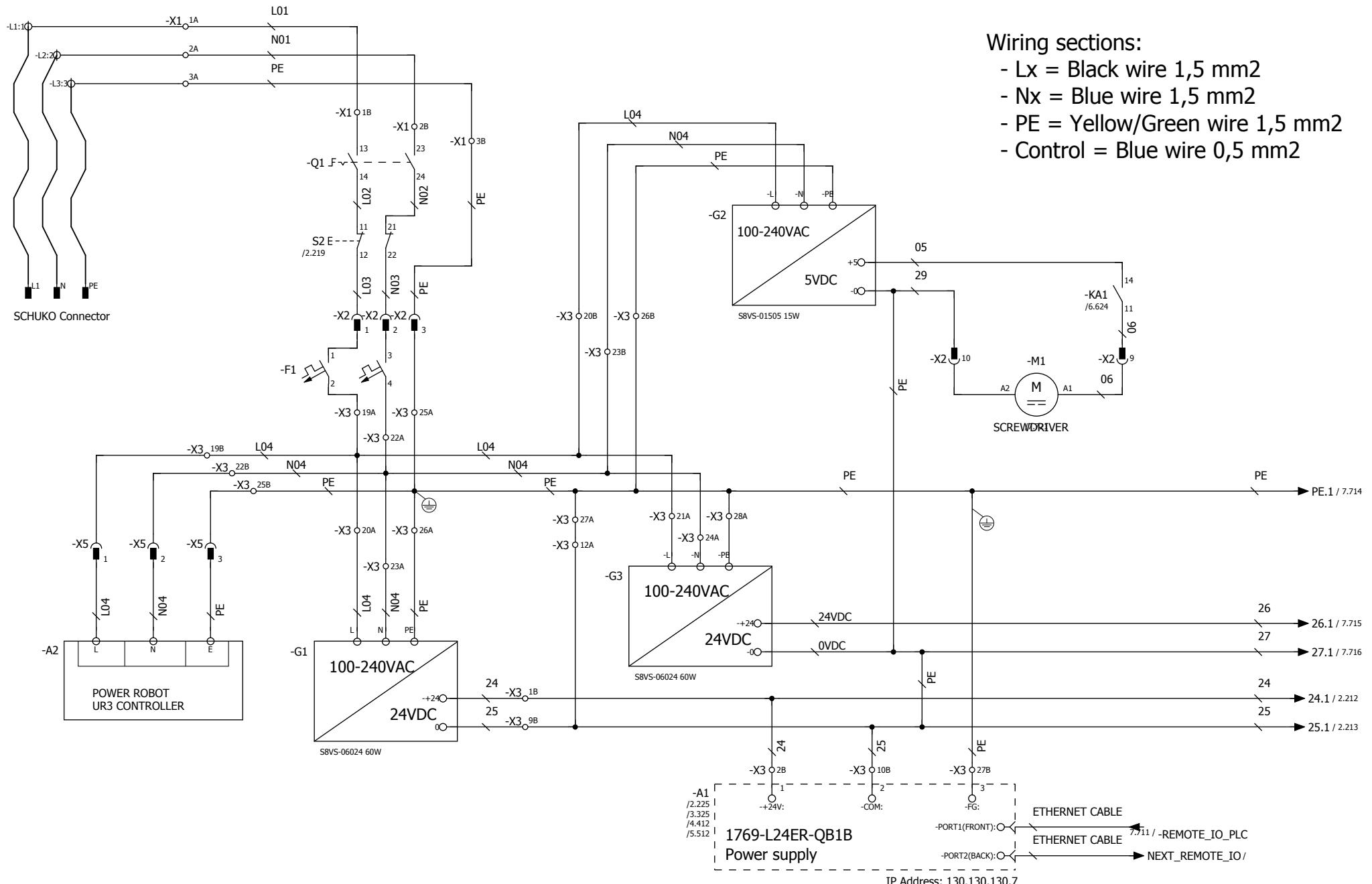
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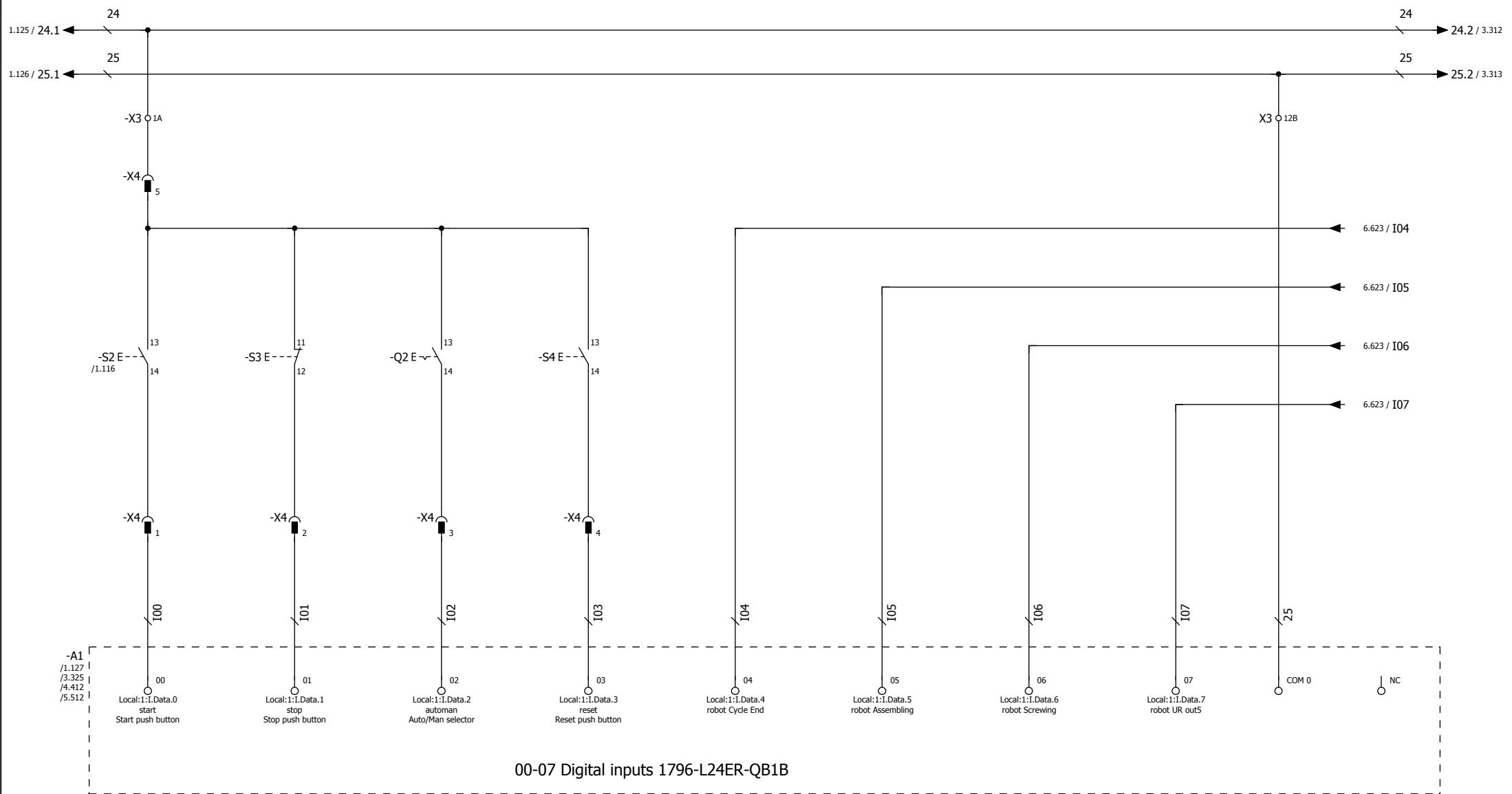
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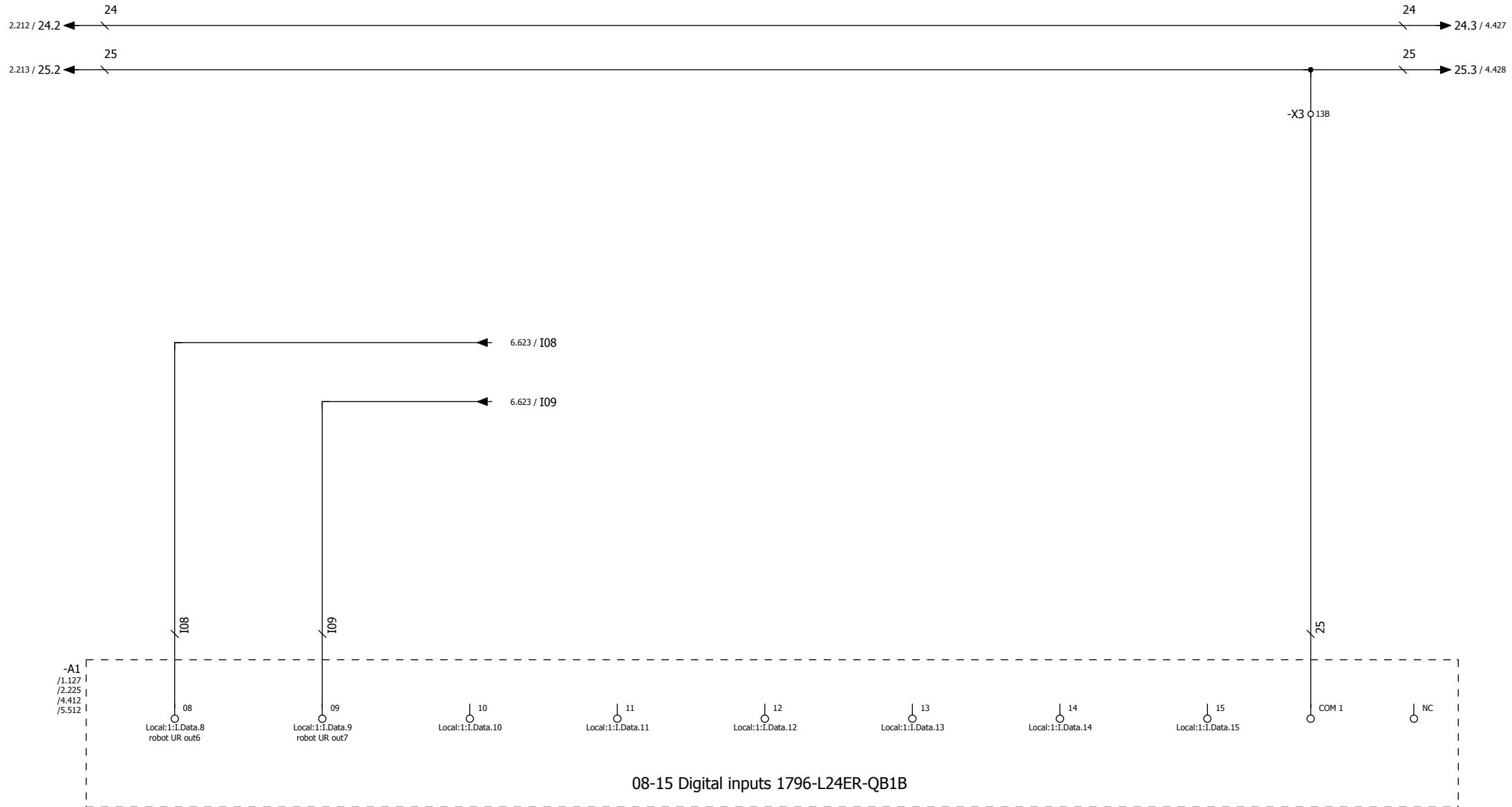
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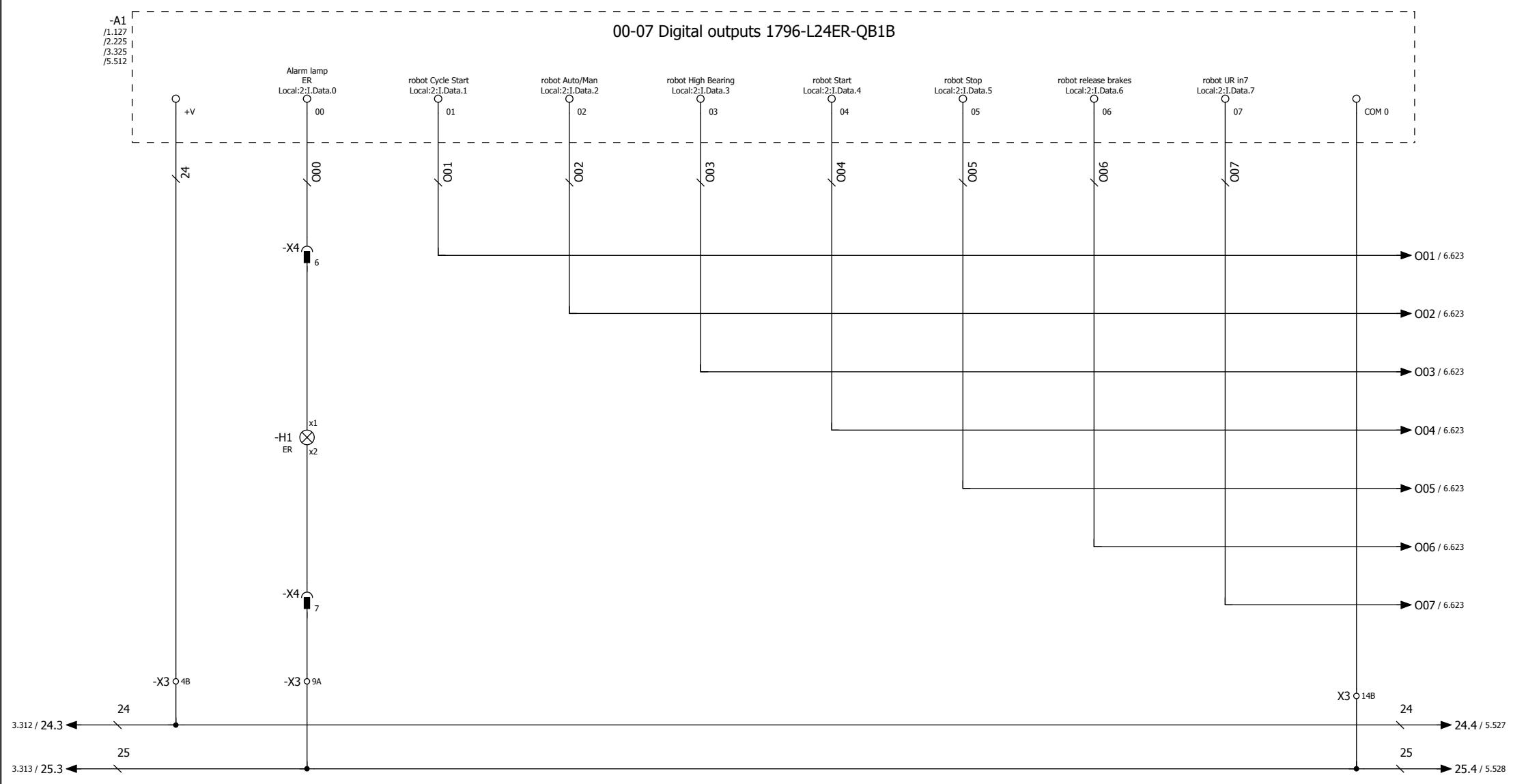
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				Date	27/10/2015	POWER			1



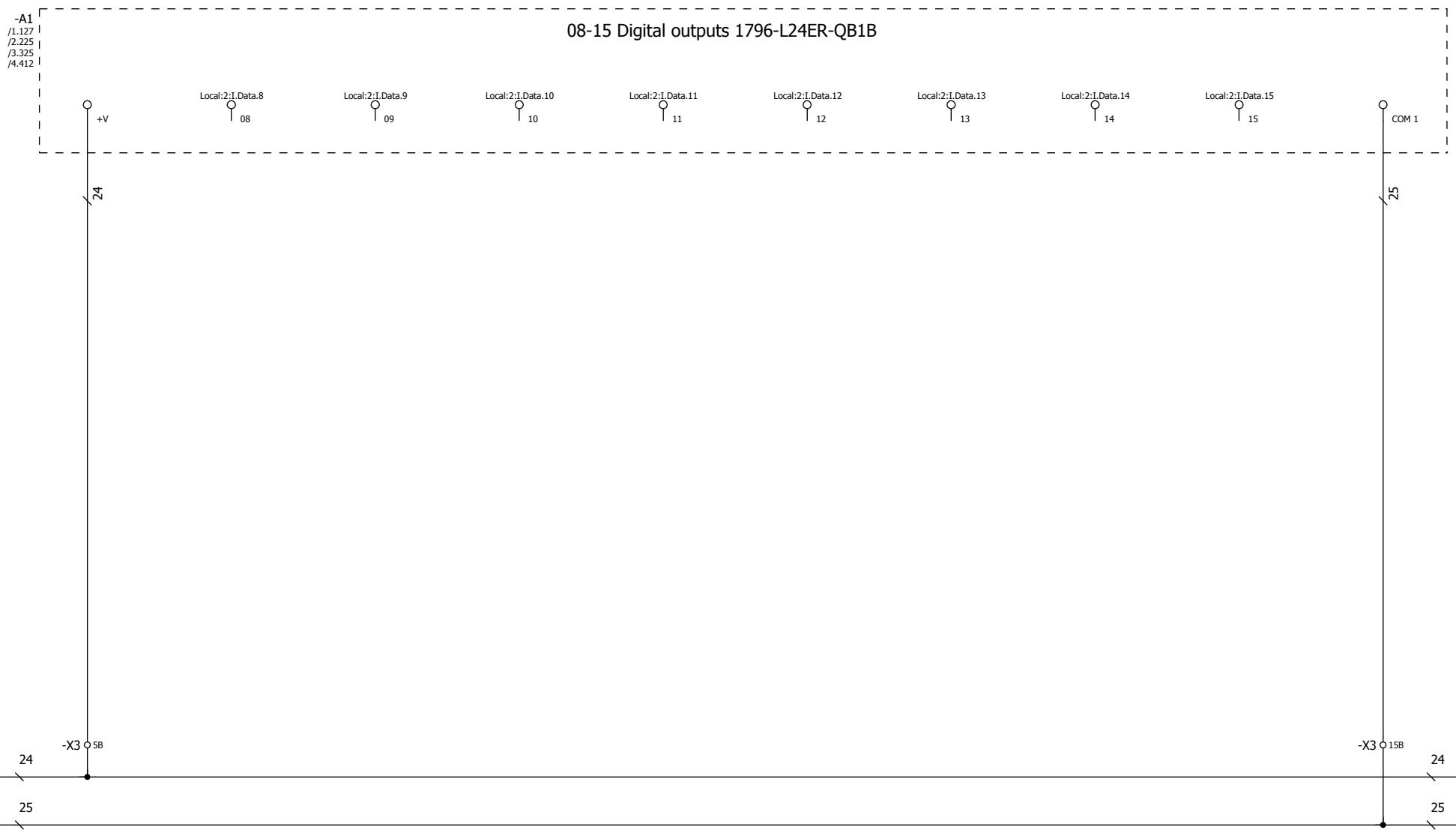
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				Date	27/10/2015	PLC INPUTS 1			2



Rev.	Change	Date	Name	COMPACTLOGIX_L24ER			SMC Int. Training	SMC INTERNATIONAL TRAINING	Page
				Drew by	K4D6	FMS207_ROBOT_UR	C/ Zuazobidea, 14 01015 Vitoria-Gasteiz (País Vasco)		3
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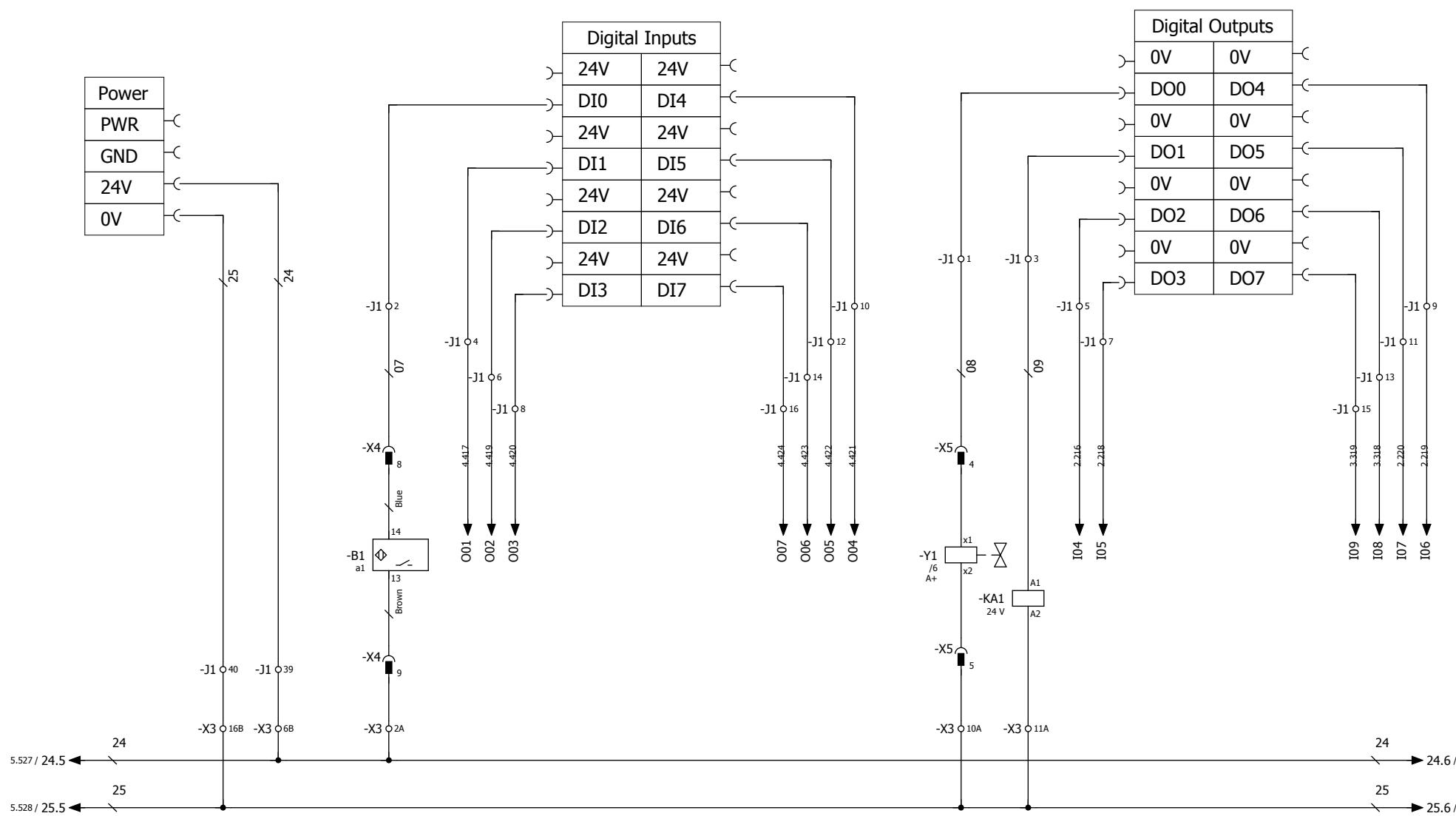


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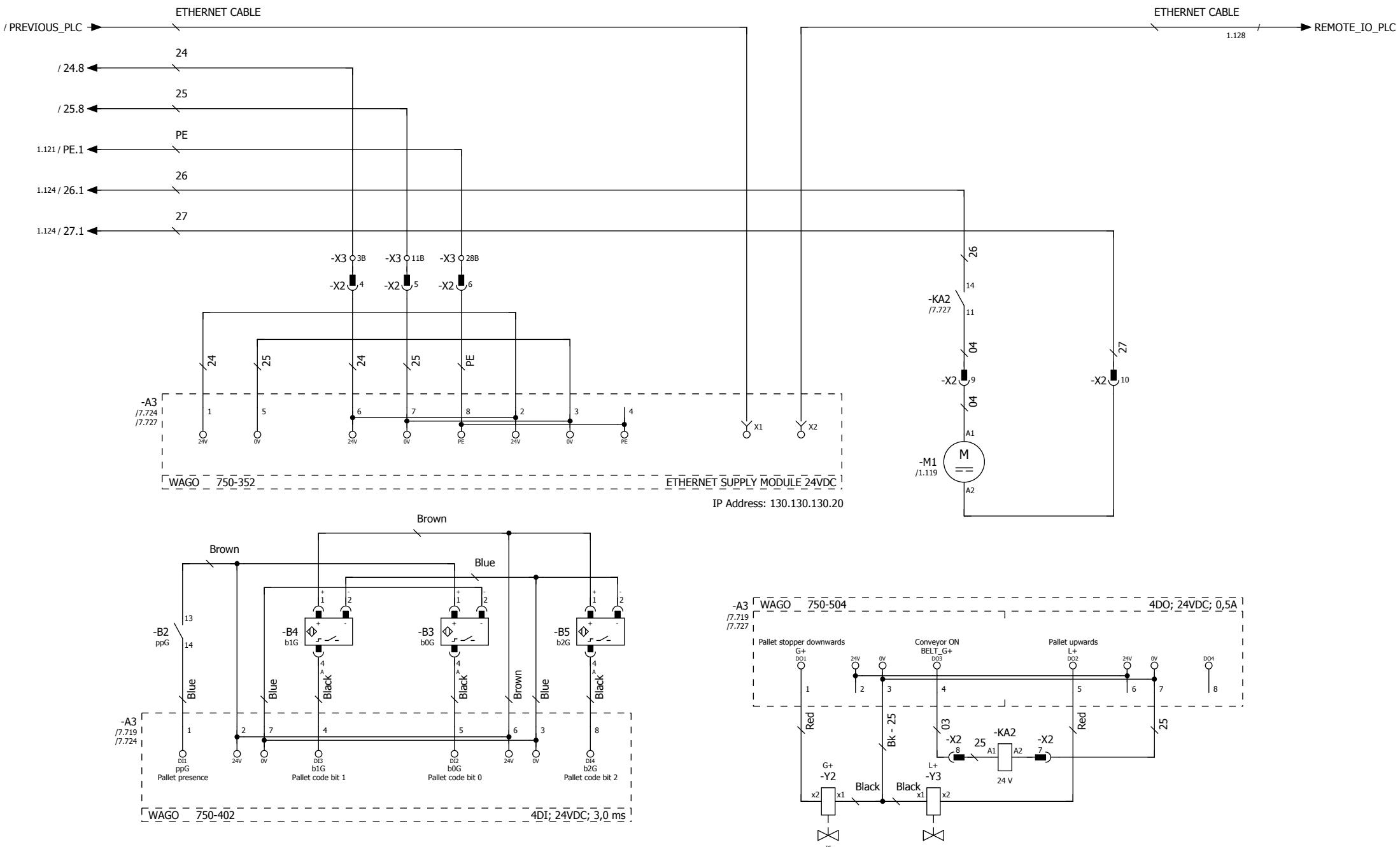


Rev.	Change	Date	Name	COMPACTLOGIX_L24ER			SMC Int. Training	 SMC® INTERNATIONAL TRAINING	Page
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				Date	27/10/2015	PLC OUTPUTS 2	C/ Zuazobidea, 14 01015 Vitoria-Gasteiz (País Vasco)		

# I/O CONNECTOR



Rev.	Change	Date	Name	COMPACTLOGIX_L24ER			SMC Int. Training	SMC	Page
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				Date	27/10/2015	I/O ROBOT			



Rev.	Change	Date	Name	COMPACTLOGIX_L24ER			SMC Int. Training		Page	
				Drew by	K4D6	FMS207_ROBOT_UR				
				Date	27/10/2015	REMOTE I/O (BELT)	C/ Zuazobidea, 14 01015 Vitoria-Gasteiz (País Vasco)		SMC INTERNATIONAL TRAINING	7

**X1**

1	L01
N01	N01
PE	PE

**X2**

1	L03
N03	N03
PE	PE
24	24
25	25
PE	PE
04	04
27	27
06	06
29	29

**X4**

1	L00
I01	I01
I02	I02
I03	I03
24	24
000	000
25	25
07	07
24	24

**X5**

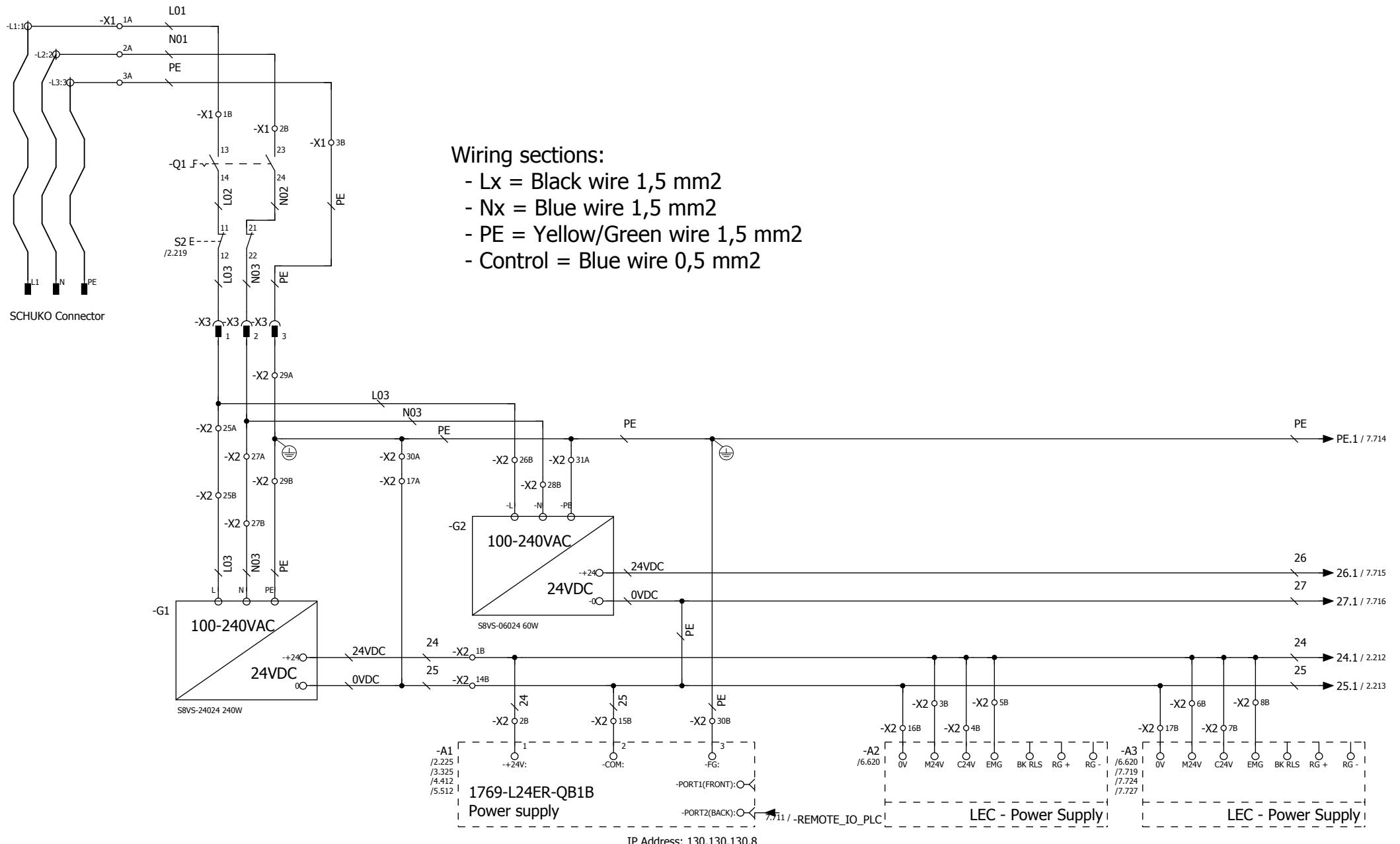
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PE	PE
PE	PE
PE	PE
08	08
25	25

**X3****A**

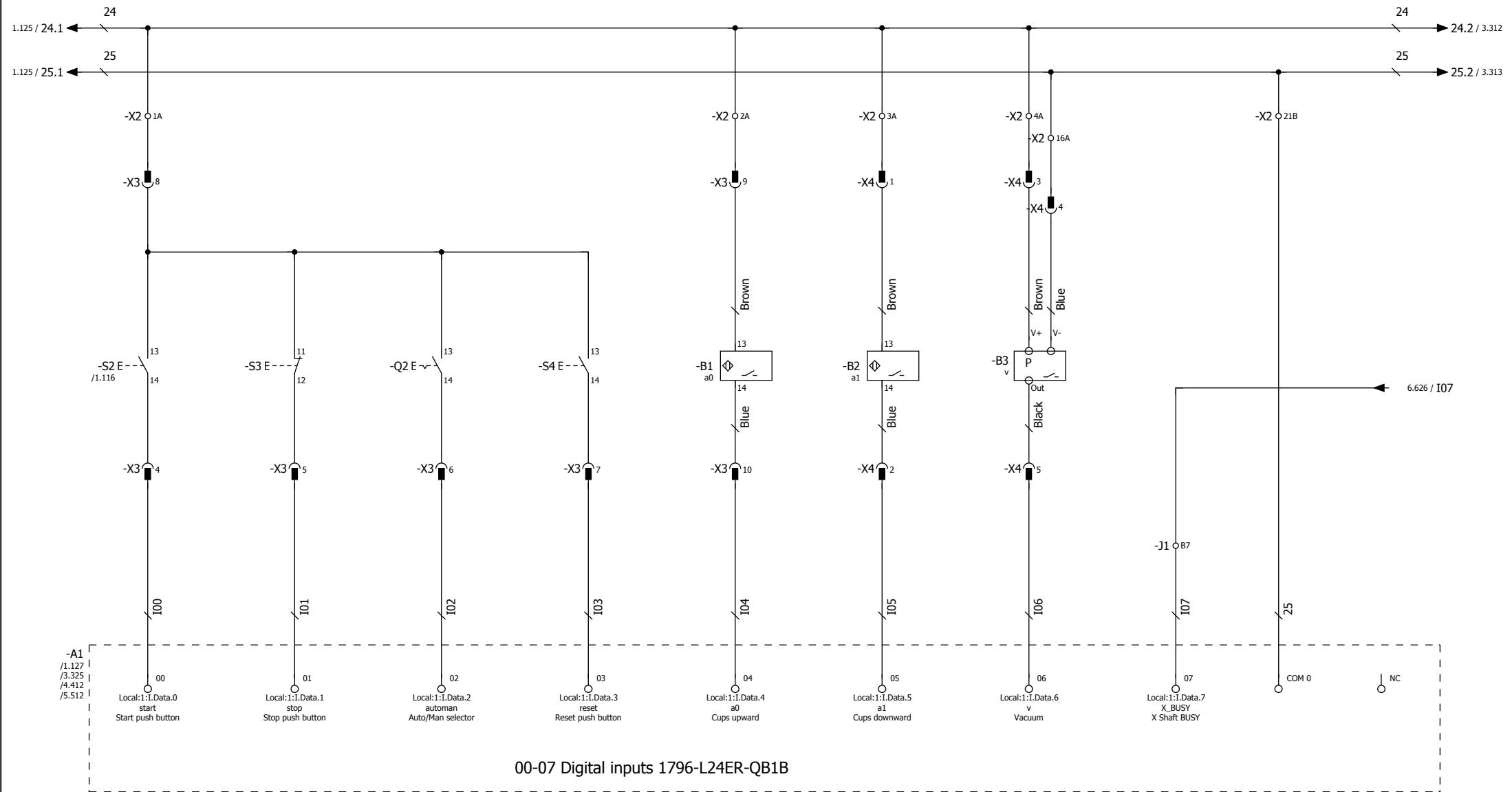
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25	25
25	25
25	25
25	PE
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25	
25	
25	
14	
15	
16	
17	
18	
19	L04
20	
21	L04
22	
23	
24	
N04	
PE	
PE	
PE	
PE	

**B**

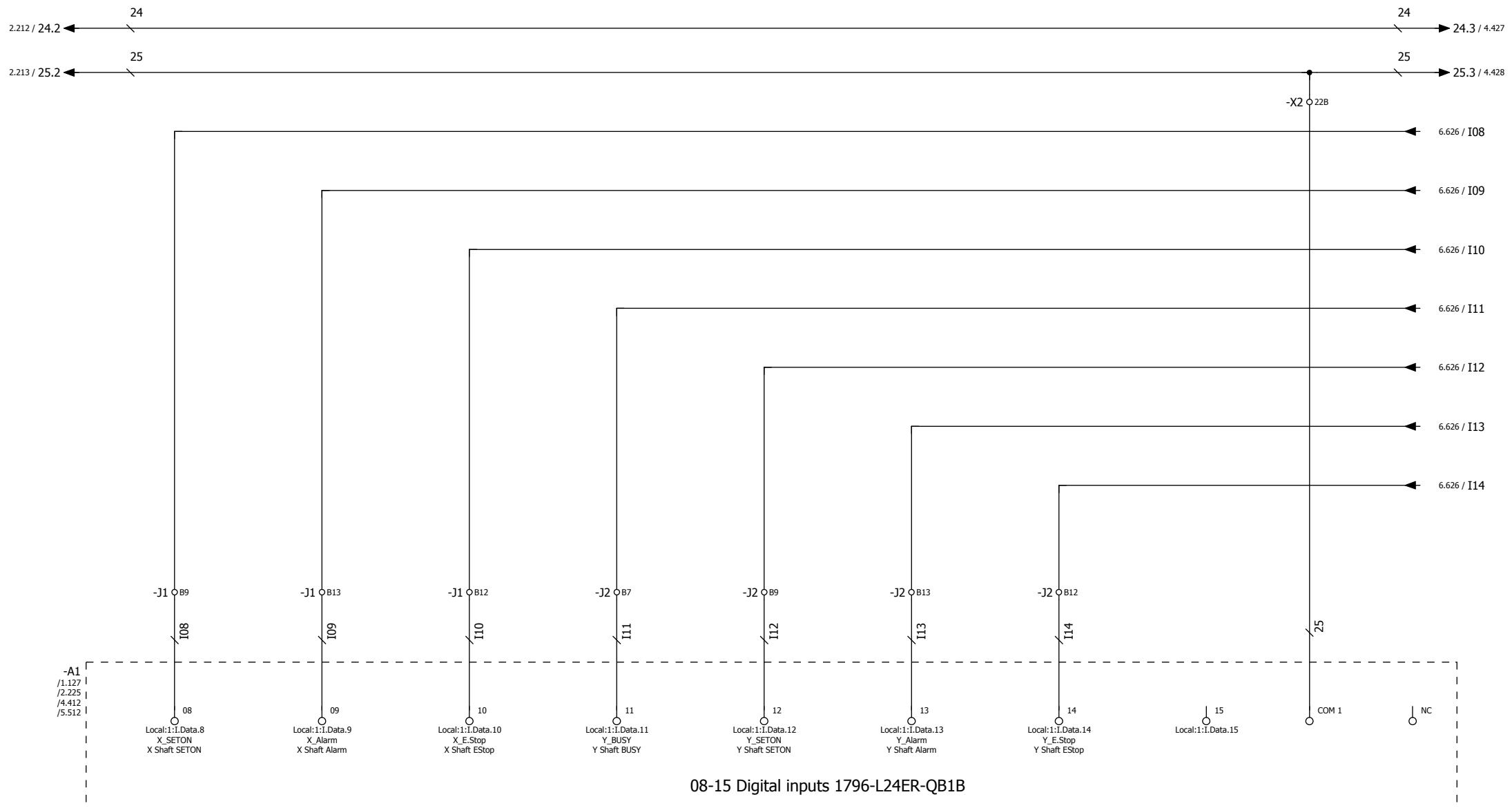
Rev.	Change	Date	Name	COMPACTLOGIX_L24ER					SMC Int. Training					SMC International Training					Page	
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				Date	27/10/2015			CONNECTIONS	01015 Vitoria-Gasteiz (País Vasco)	INTERNATIONAL TRAINING					SMC INTERNATIONAL TRAINING					8



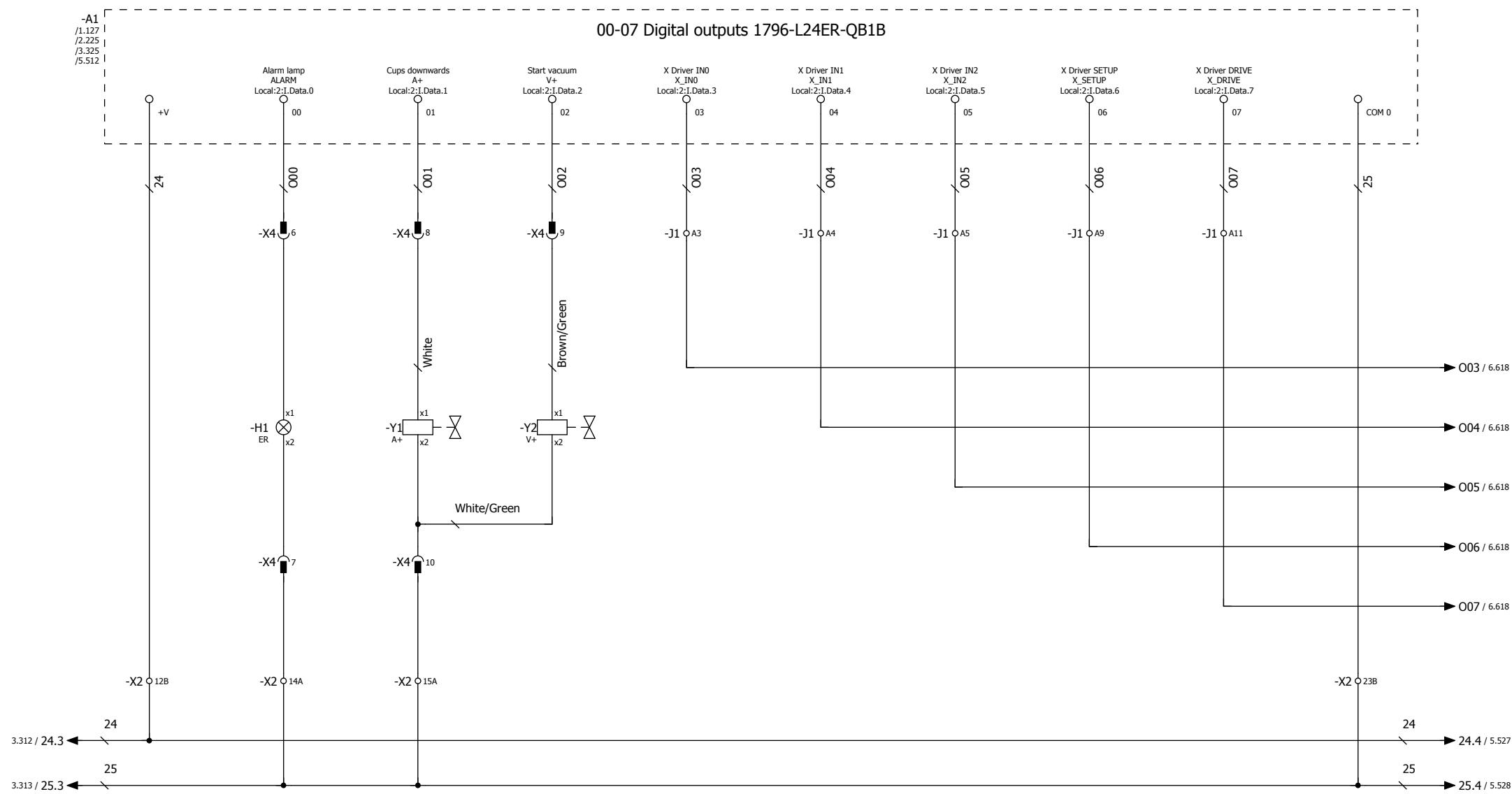
Rev.	Change	Date	Name	COMPACTLOGIX_L24ER			SMC Int. Training	SMC	Page
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				Date	13/07/2015	POWER			



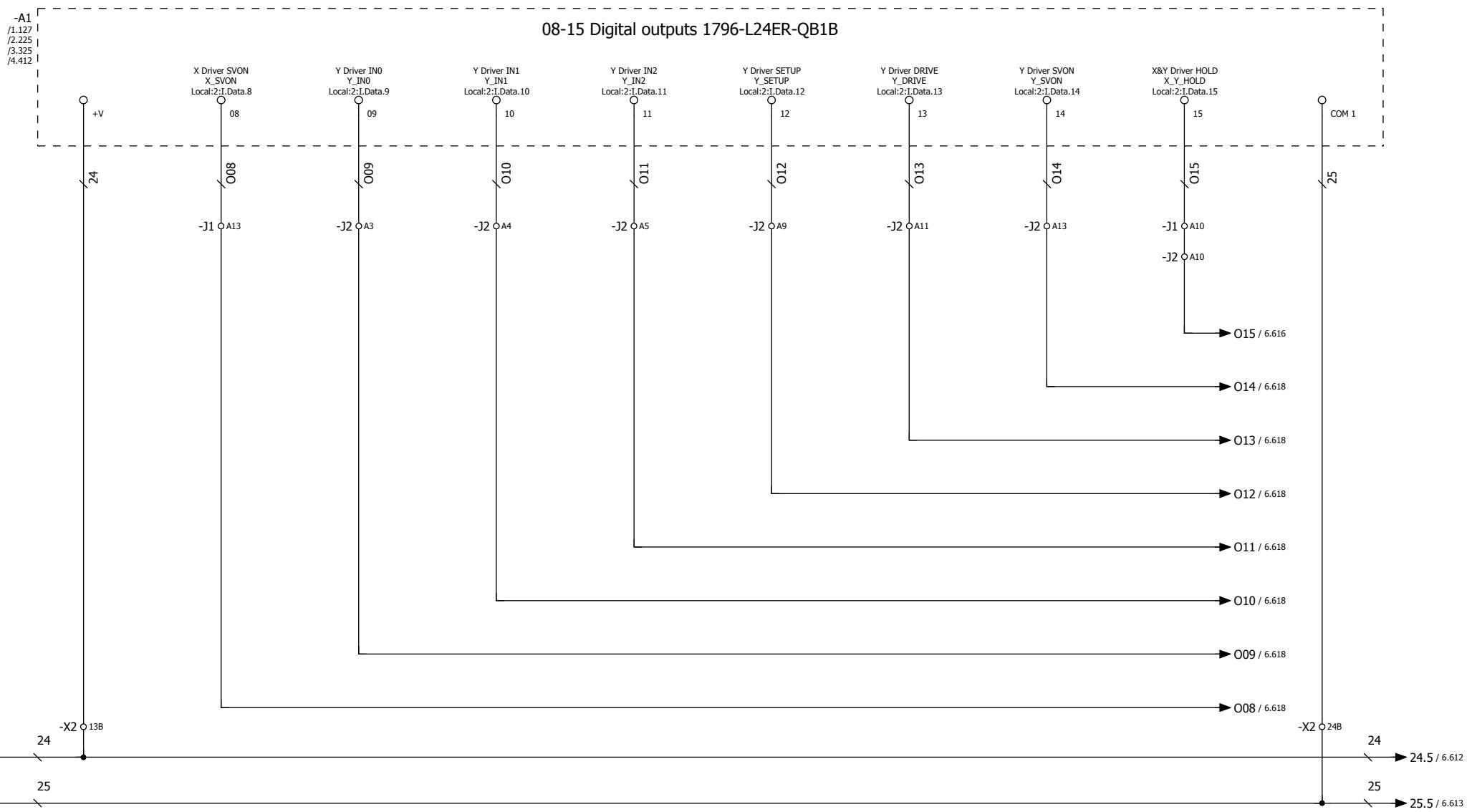
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				Date	13/07/2015	PLC INPUTS 1			



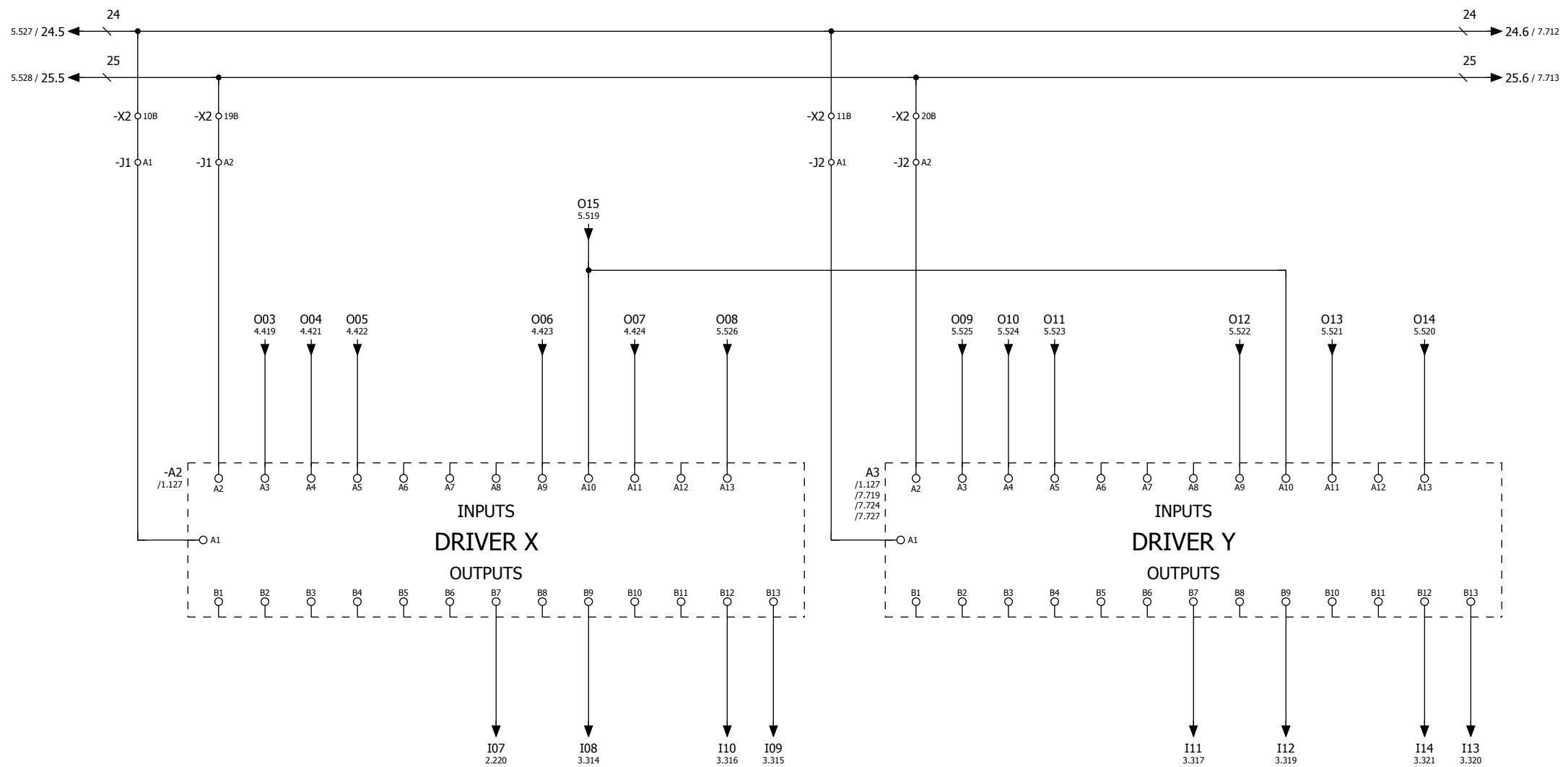
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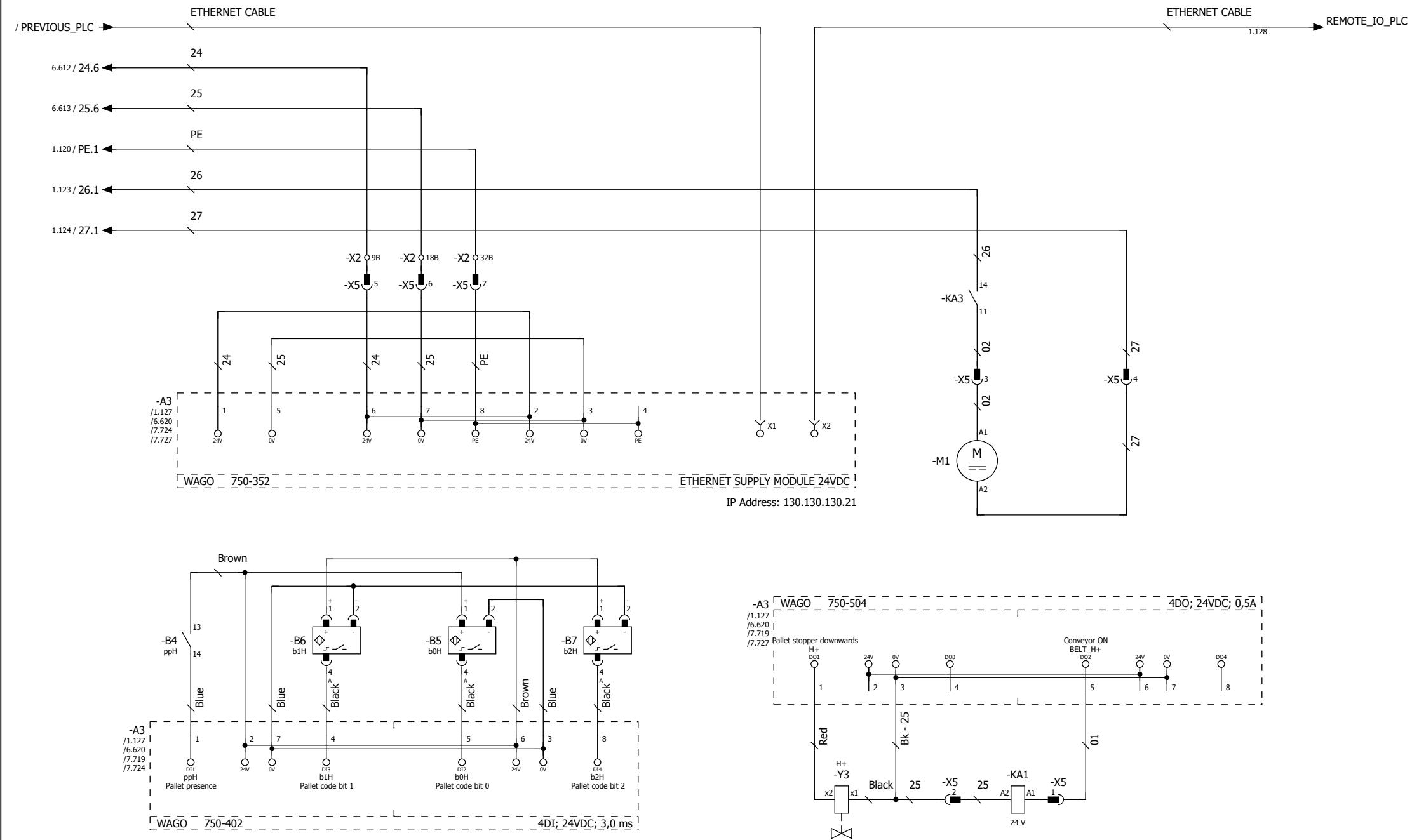
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				Date	13/07/2015	PLC OUTPUTS 1			4



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				Date	13/07/2015	PLC OUTPUTS 2			5



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				Drew by	K4D6	FMS208_WAREHOUSE	C/ Zuazobidea, 14 01015 Vitoria-Gasteiz (País Vasco)	INTERNATIONAL TRAINING	6
				Date	13/07/2015	SERVODRIVES			



Rev.	Change	Date	Name
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**COMPACTLOGIX\_L24ER**

Drew by K4D6 FMS208\_WAREHOUSE  
Date 13/07/2015 REMOTE I/O (BELT)

**SMC Int. Training**

C/ Zuazobidea, 14  
01015 Vitoria-Gasteiz (País Vasco)

**X1**

1	L01	2	N01	3
	PE		PE	

**A****B****X3**

1	L03	2	N03	3
	PE		PE	
100	100			
101	101			
102	102			
103	103			
24	24			
24	24			
104	104			

**X4**

1	L05	2	I05	3
	PE		PE	
24	24			
25	25			
106	106			
000	000			
25	25			
001	001			
002	002			
25	25			

**X5**

1	L01	2	N03	3
	PE		PE	
25	25			
02	02			
27	27			
24	24			
25	25			
PE	PE		PE	

**A****B****X2**

1	24	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	
	24		24		24		24		24		24		24		25		25		25		25		25		25		25		25		25	
25	25		25		25		25		25		25		25		PE																	
001	001		002		25		25		25		25		25		25		25		25		25		25		25		25		25		25	

Rev.	Change	Date	Name	COMPACTLOGIX_L24ER					SMC Int. Training					SMC					Page
				Drew by	K4D6	FMS208_WAREHOUSE			Date	CONNECTIONS			C/ Zuazobidea, 14 01015 Vitoria-Gasteiz (País Vasco)	INTERNATIONAL TRAINING					8
									13/07/2015										

**J1**

1	A1	COMM+	24
3	A2	IN0	O03
5	A3	IN2	O05
7	A4	IN4	
9	A5	SETUP	O06
11	A6	DRIVE	O07
13	A7	SVON	O08
15	A8		
17	A9	OUT3	
19	A10	OUT5	
21	A11	AREA	
23	A12	INP	
25	A13	ESTOP	I10

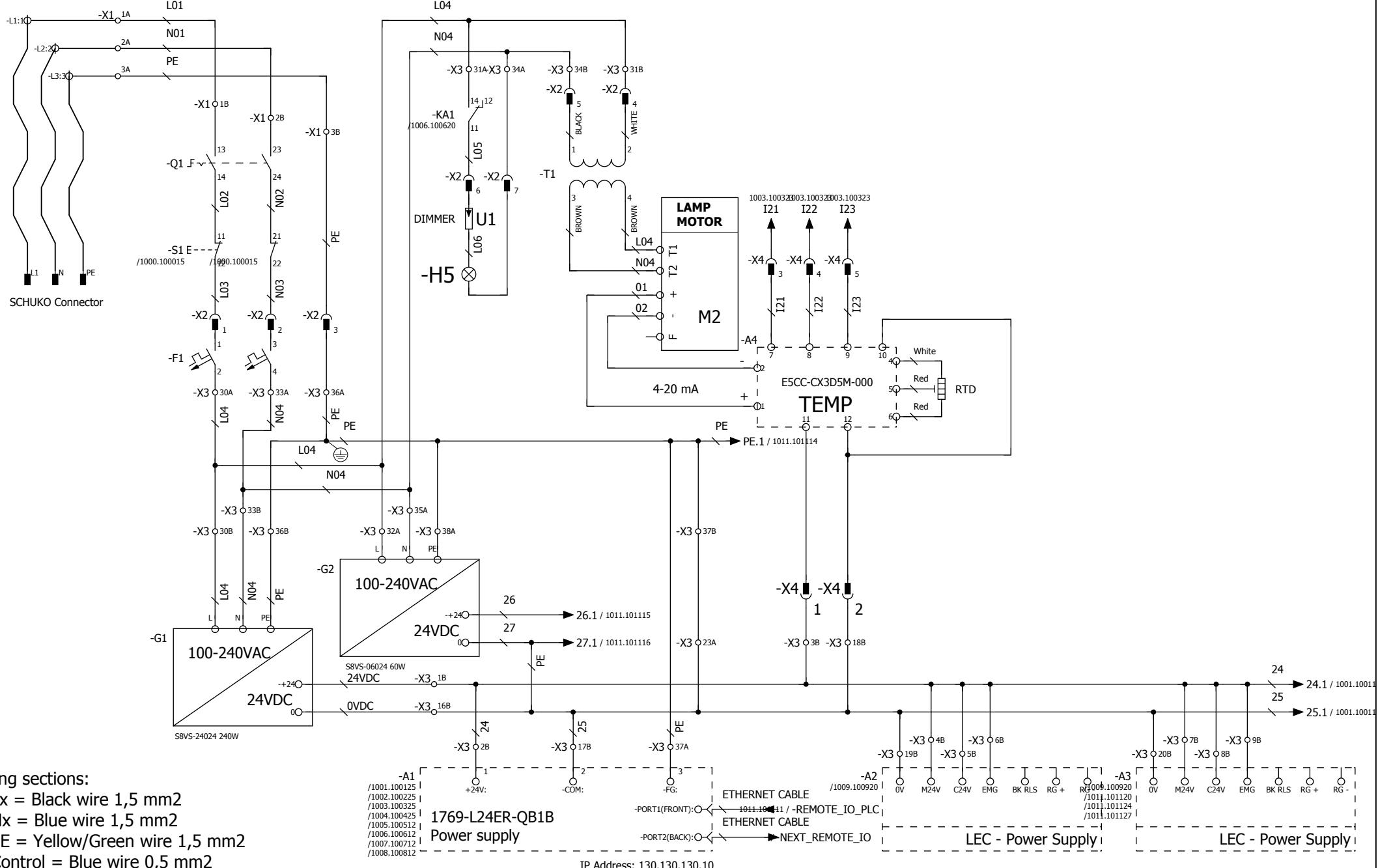
**J2**

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3	A2	IN0	O09
5	A3	IN2	O11
7	A4	IN4	
9	A5	SETUP	O12
11	A6	DRIVE	O13
13	A7	SVON	O14
15	A8		
17	A9	OUT3	
19	A10	OUT5	
21	A11	AREA	
23	A12	INP	
25	A13	ESTOP	I14

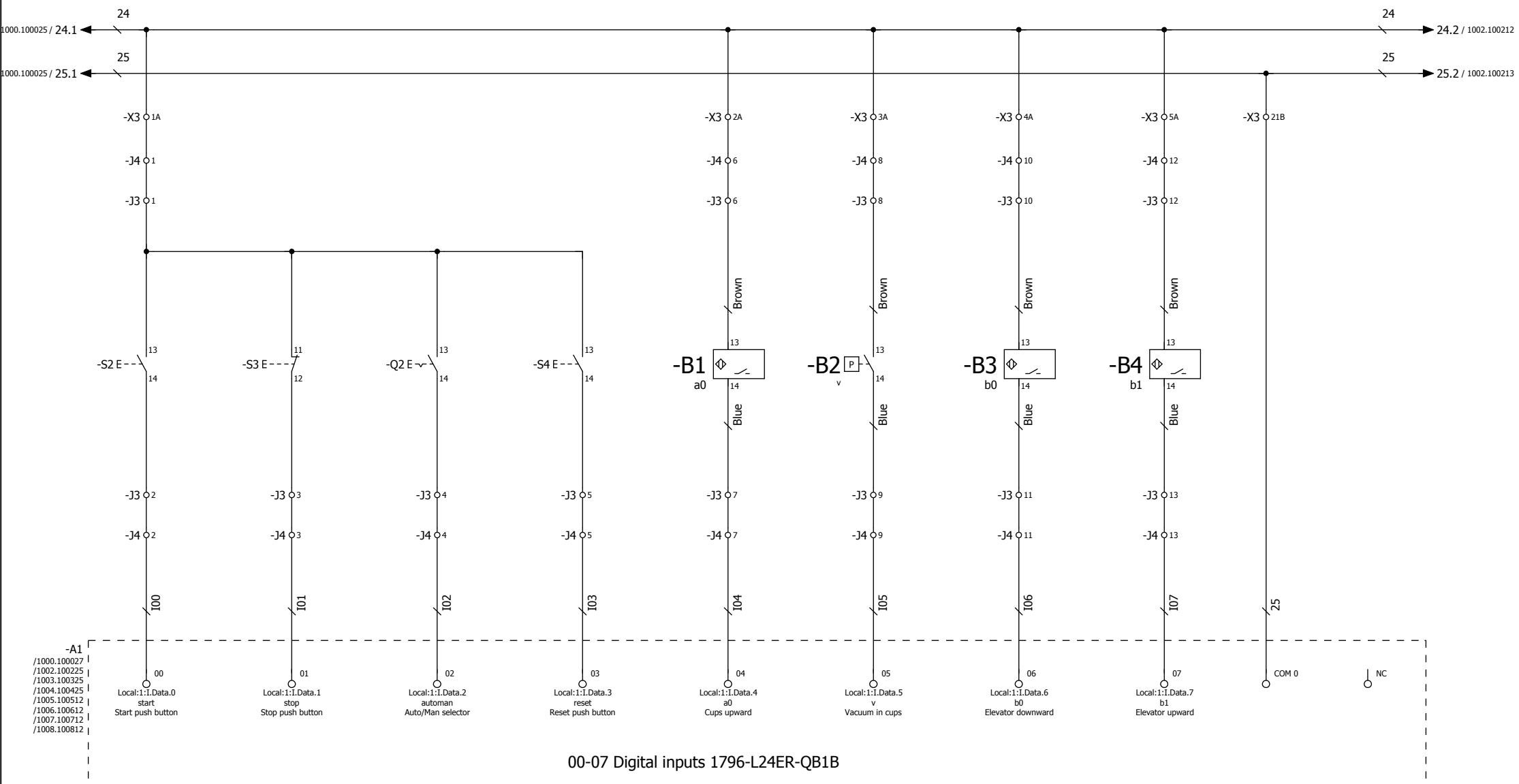
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4	B2	IN1	O04
6	B3	IN3	
8	B4	IN5	
10	B5	HOLD	O15
12	B6	RESET	
14	B7		
16	B8		
18	B9	OUT4	
20	B10	BUSY	I07
22	B11	SETON	I08
24	B12	SVRE	
26	B13	ALARM	I09

2	B1	COMM-	25
4	B2	IN1	O10
6	B3	IN3	
8	B4	IN5	
10	B5	HOLD	O15
12	B6	RESET	
14	B7		
16	B8		
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20	B10	BUSY	I11
22	B11	SETON	I12
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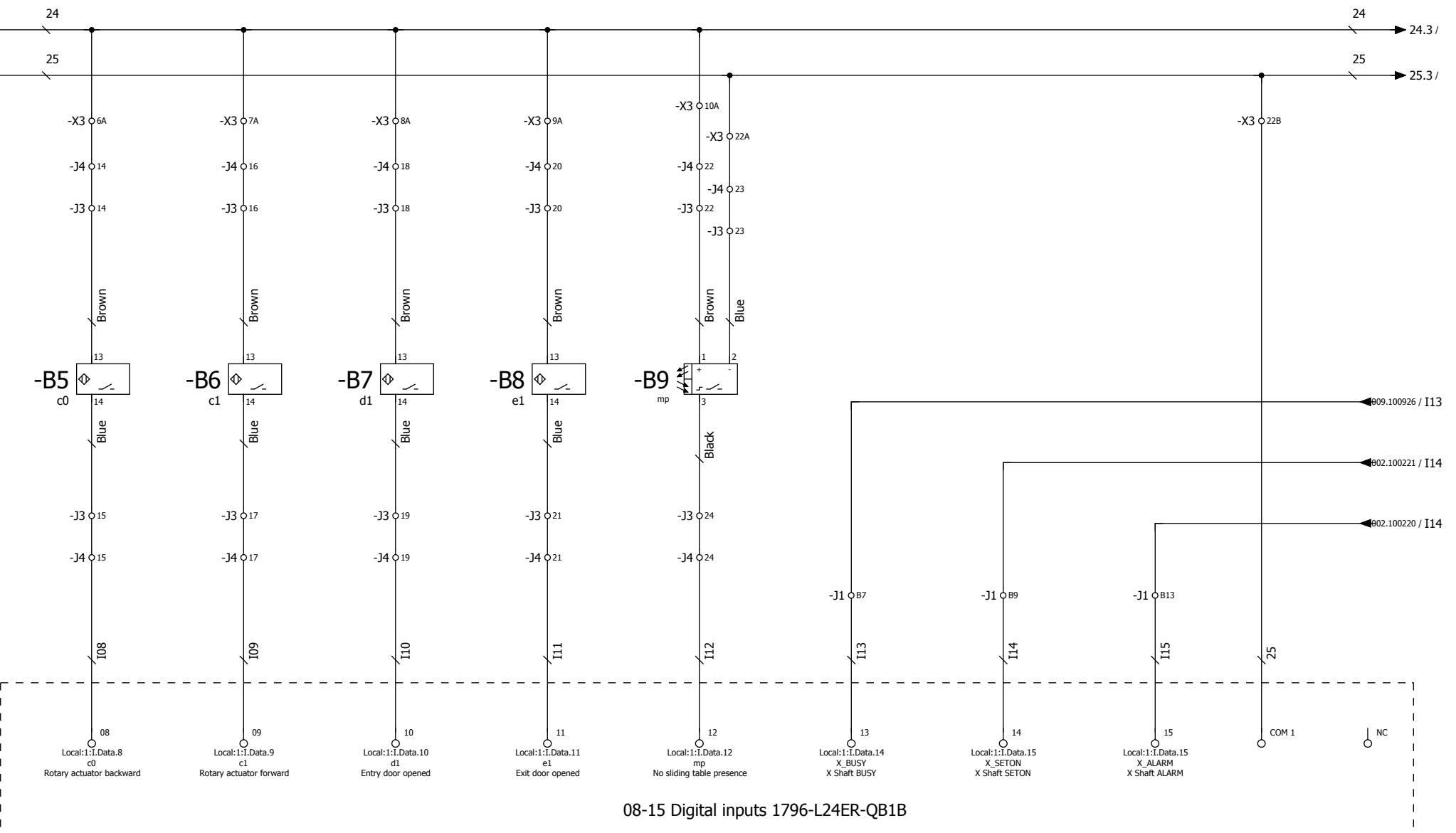
Rev.	Change	Date	Name	COMPACTLOGIX_L24ER			SMC Int. Training C/ Zuazobidea, 14 01015 Vitoria-Gasteiz (País Vasco)	 INTERNATIONAL TRAINING	Page 9
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				Date	13/07/2015	J1&J2 TERMINALS			



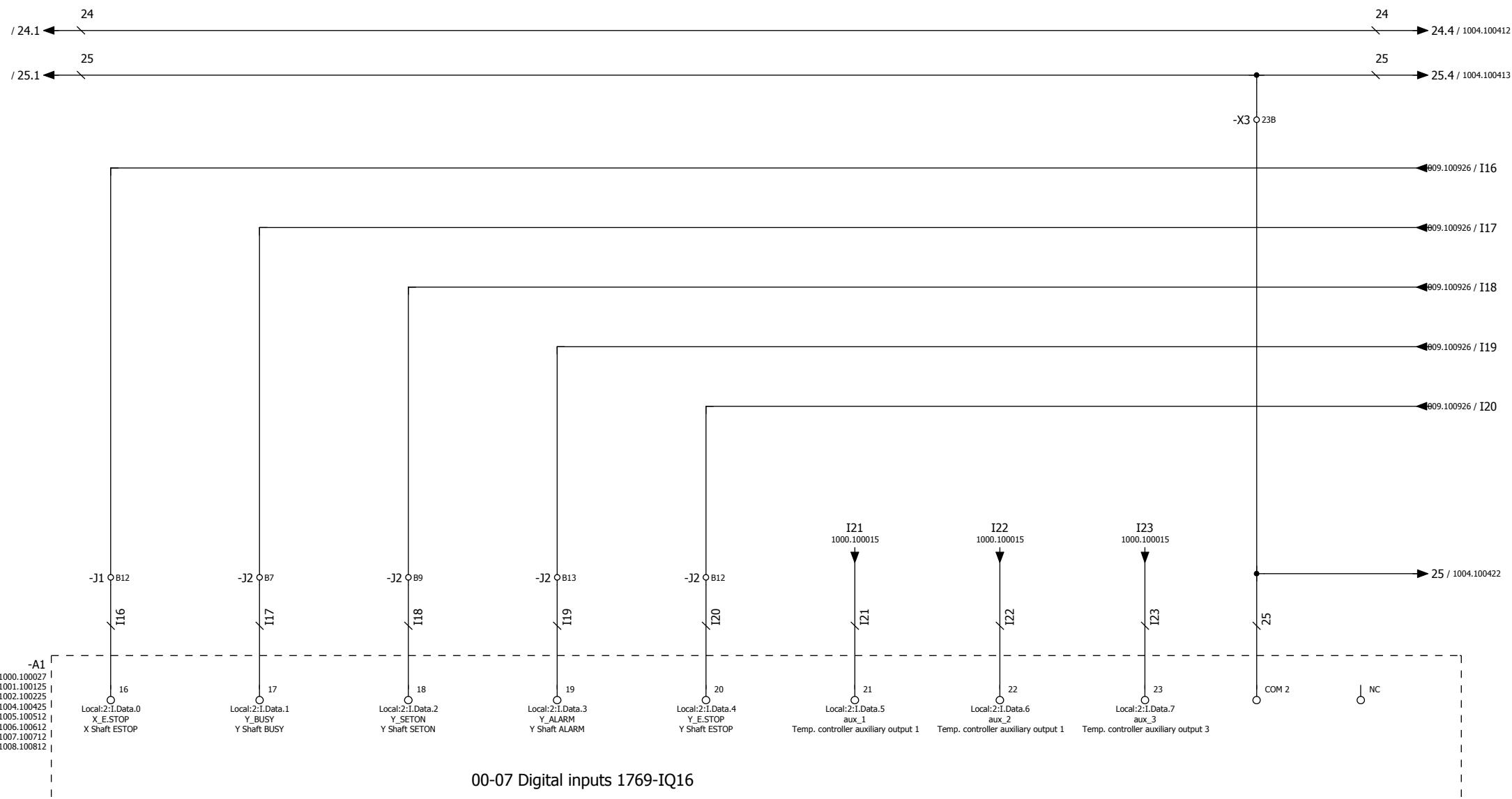
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				Date	29/10/2015	POWER		
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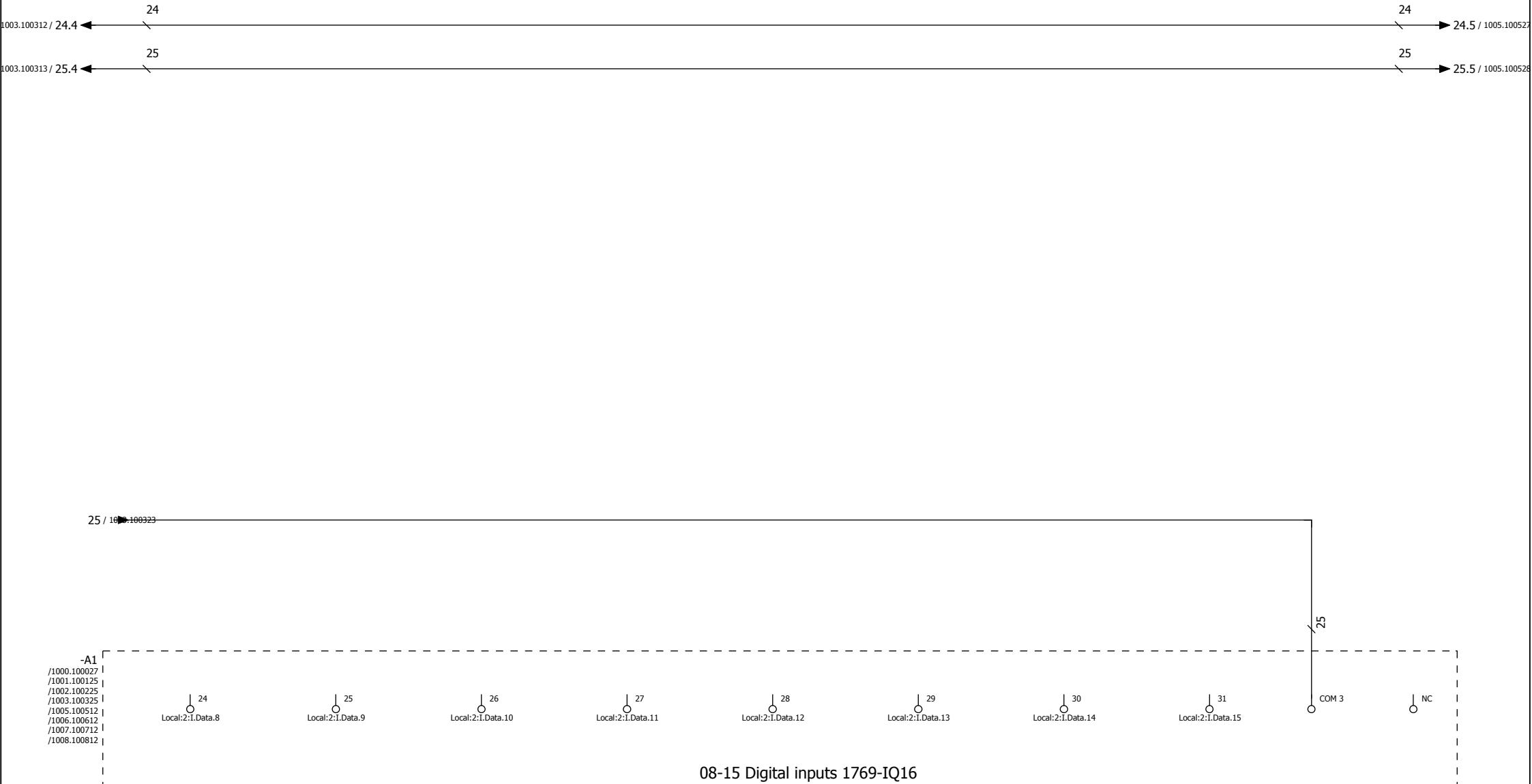
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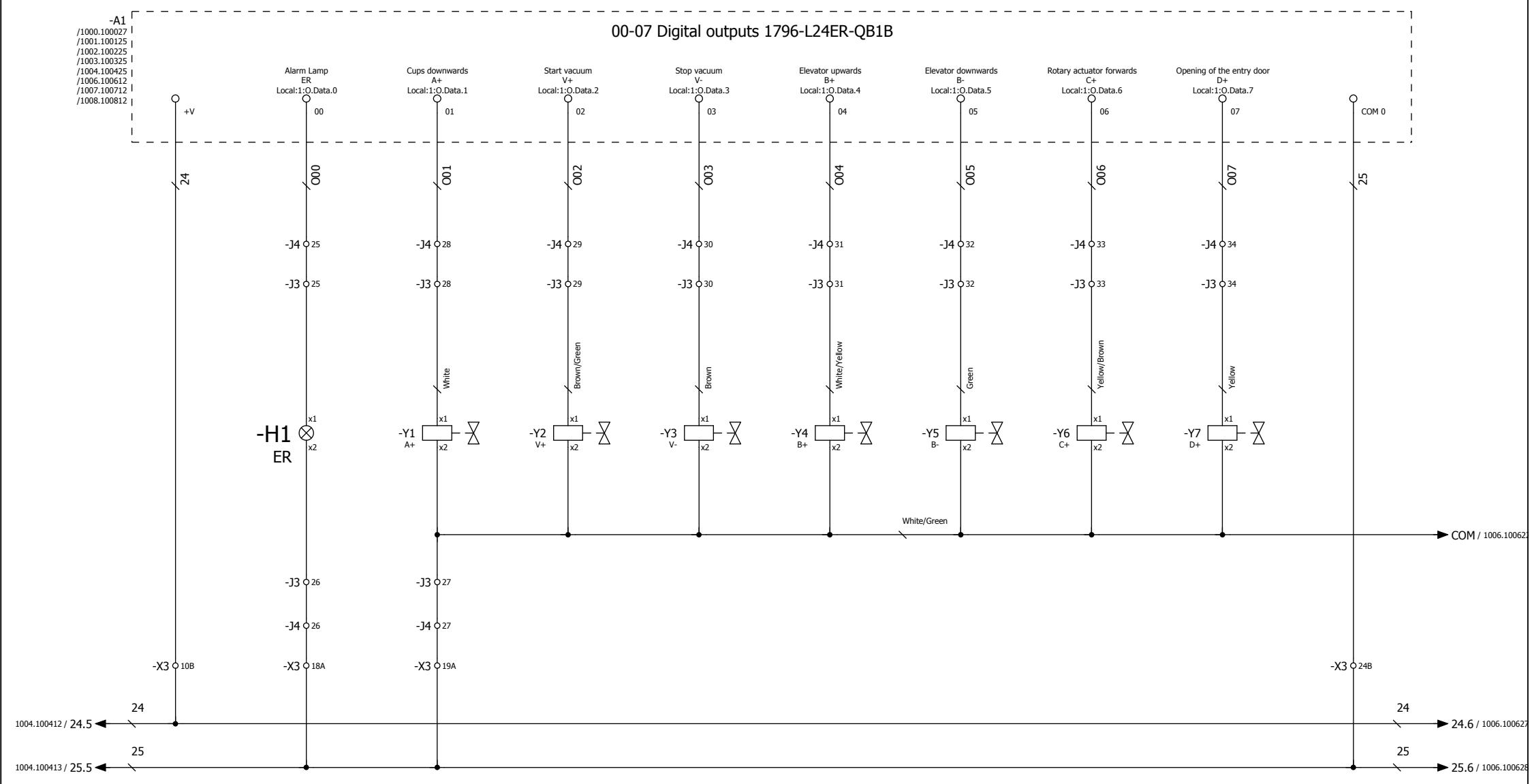
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				Date	29/10/2015	PLC INPUTS 2		
							SMC INTERNATIONAL TRAINING	



Rev.	Change	Date	Name	COMPACTLOGIX_L24ER			SMC Int. Training	C/ Zuazobidea, 14 01015 Vitoria-Gasteiz (País Vasco)	 INTERNATIONAL TRAINING	Page 1003
				Drew by	k3j1	FMS210_OVEN_OMRON				
				Date	29/10/2015	PLC INPUTS 3				



Rev.	Change	Date	Name	COMPACTLOGIX_L24ER			<b>SMC Int. Training</b> C/ Zuazobidea, 14 01015 Vitoria-Gasteiz (País Vasco)		Page 1004
				Drew by	k3j1	FMS210_OVEN_OMRON			
				Date	29/10/2015	PLC INPUTS 4			

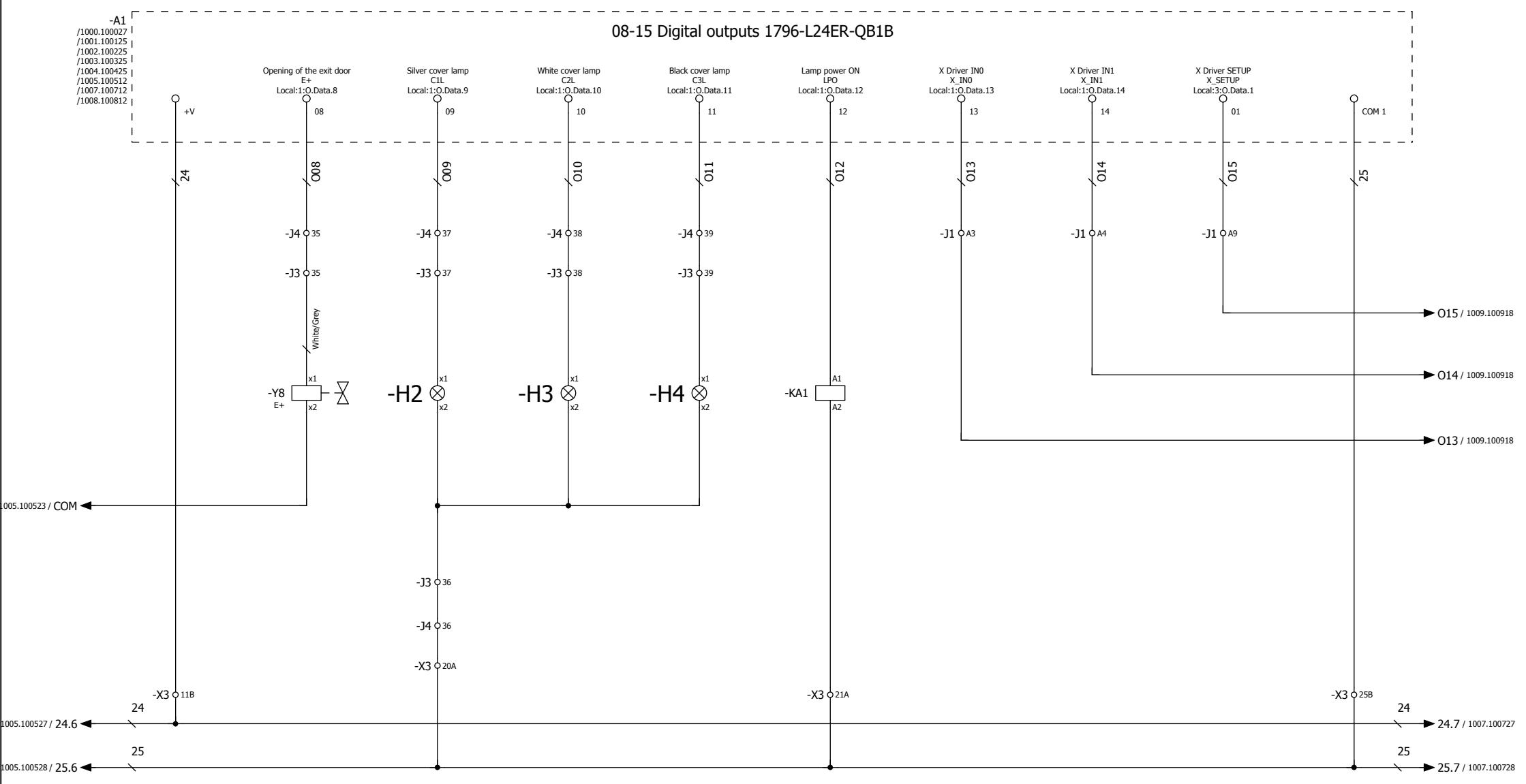


Rev.	Change	Date	Name
<b>COMPACTLOGIX_L24ER</b>			
	Drew by	k3j1	FMS210_OVEN_OMRON
	Date	29/10/2015	PLC OUTPUTS 1

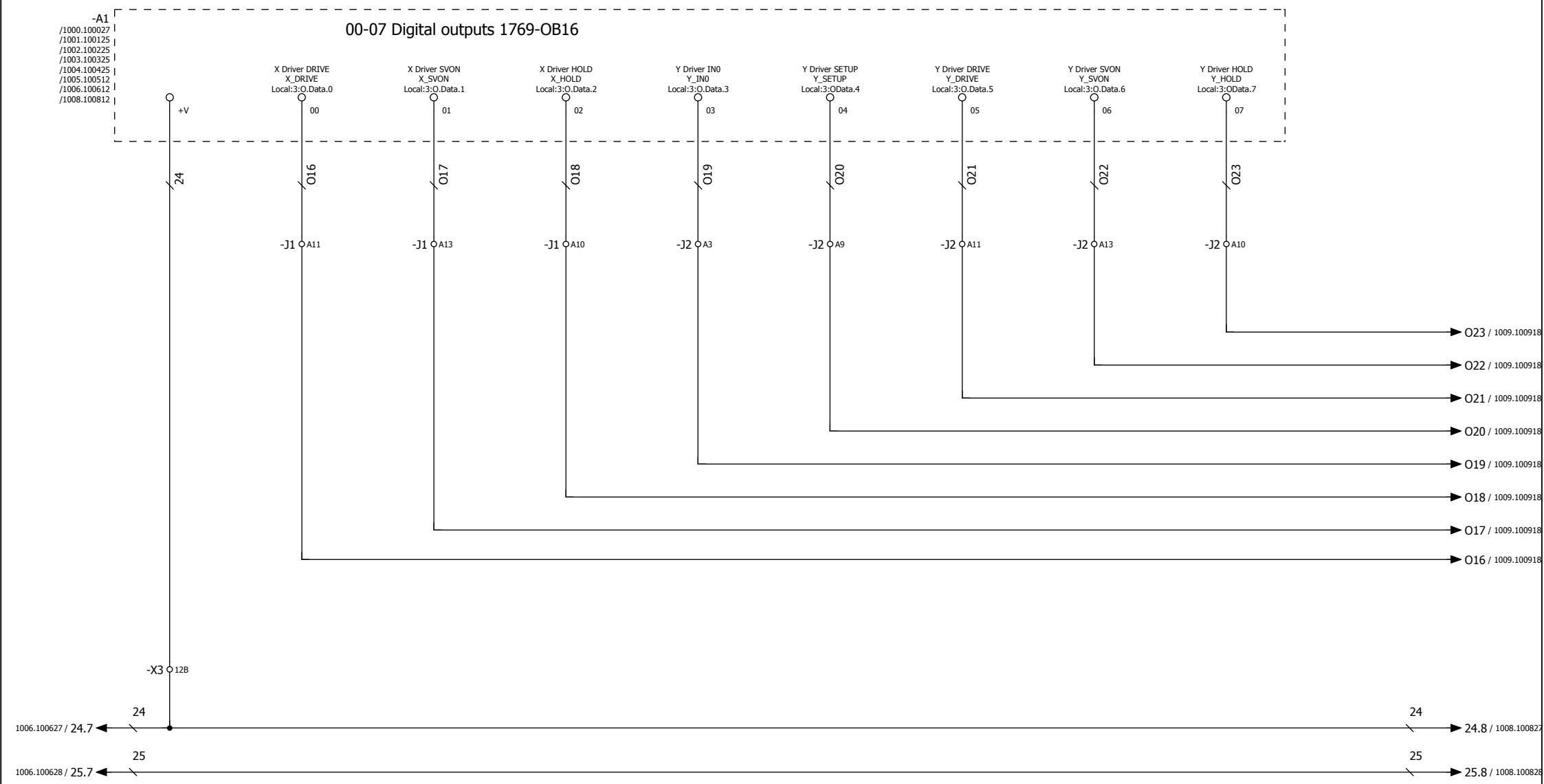
**SMC Int. Training**

C/ Zuazobidea, 14  
01015 Vitoria-Gasteiz (País Vasco)





Rev.	Change	Date	Name	COMPACTLOGIX_L24ER			<b>SMC Int. Training</b> C/ Zuazobidea, 14 01015 Vitoria-Gasteiz (País Vasco)	 <b>INTERNATIONAL TRAINING</b>	Page 1006
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				Date	29/10/2015	PLC OUTPUTS 2			



Rev.	Change	Date	Name

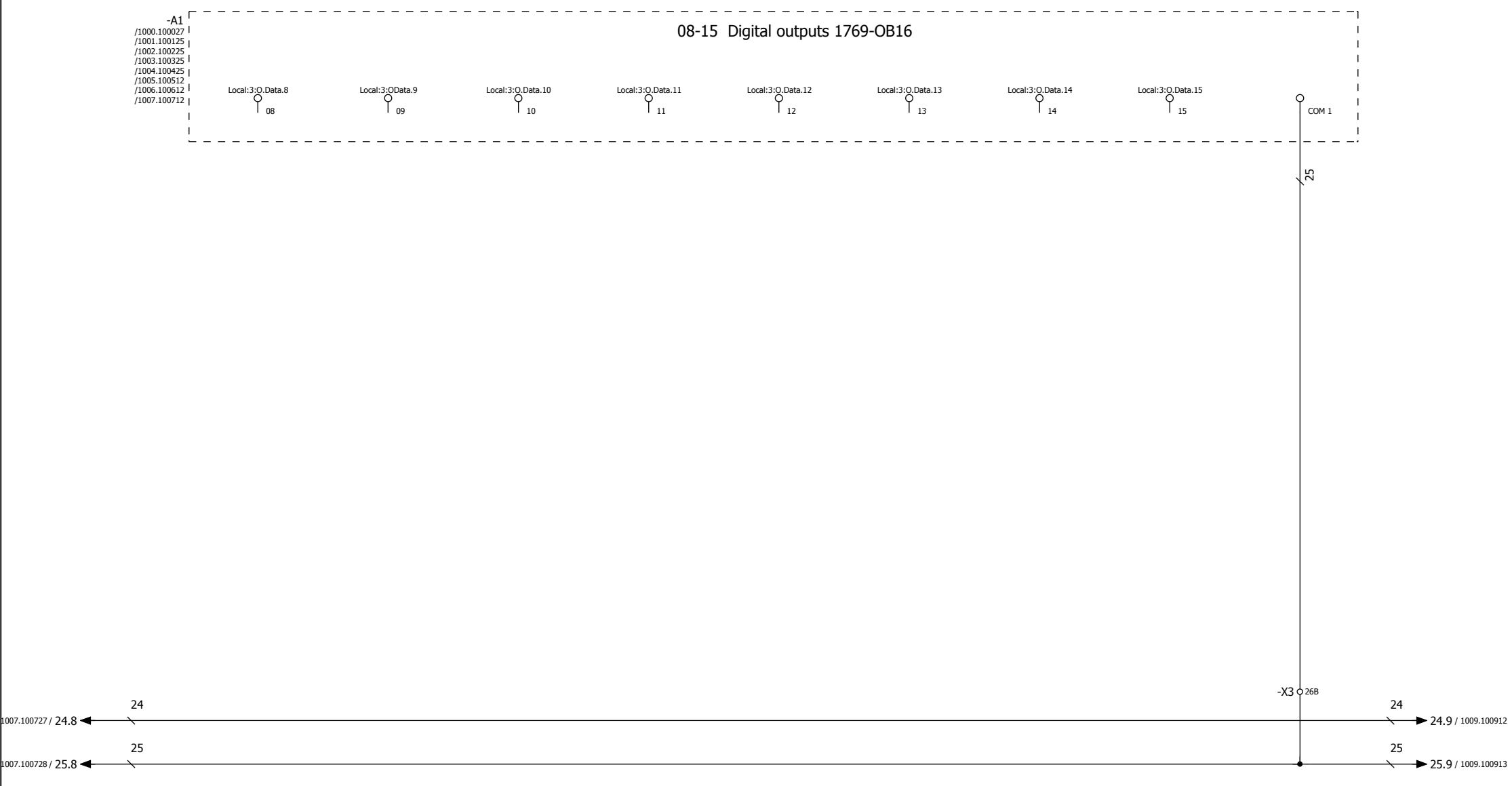
**COMPACTLOGIX\_L24ER**

Drew by k3j1  
**FMS210\_OVEN\_OMRON**  
 Date 29/10/2015  
*PLC OUTPUTS 3*

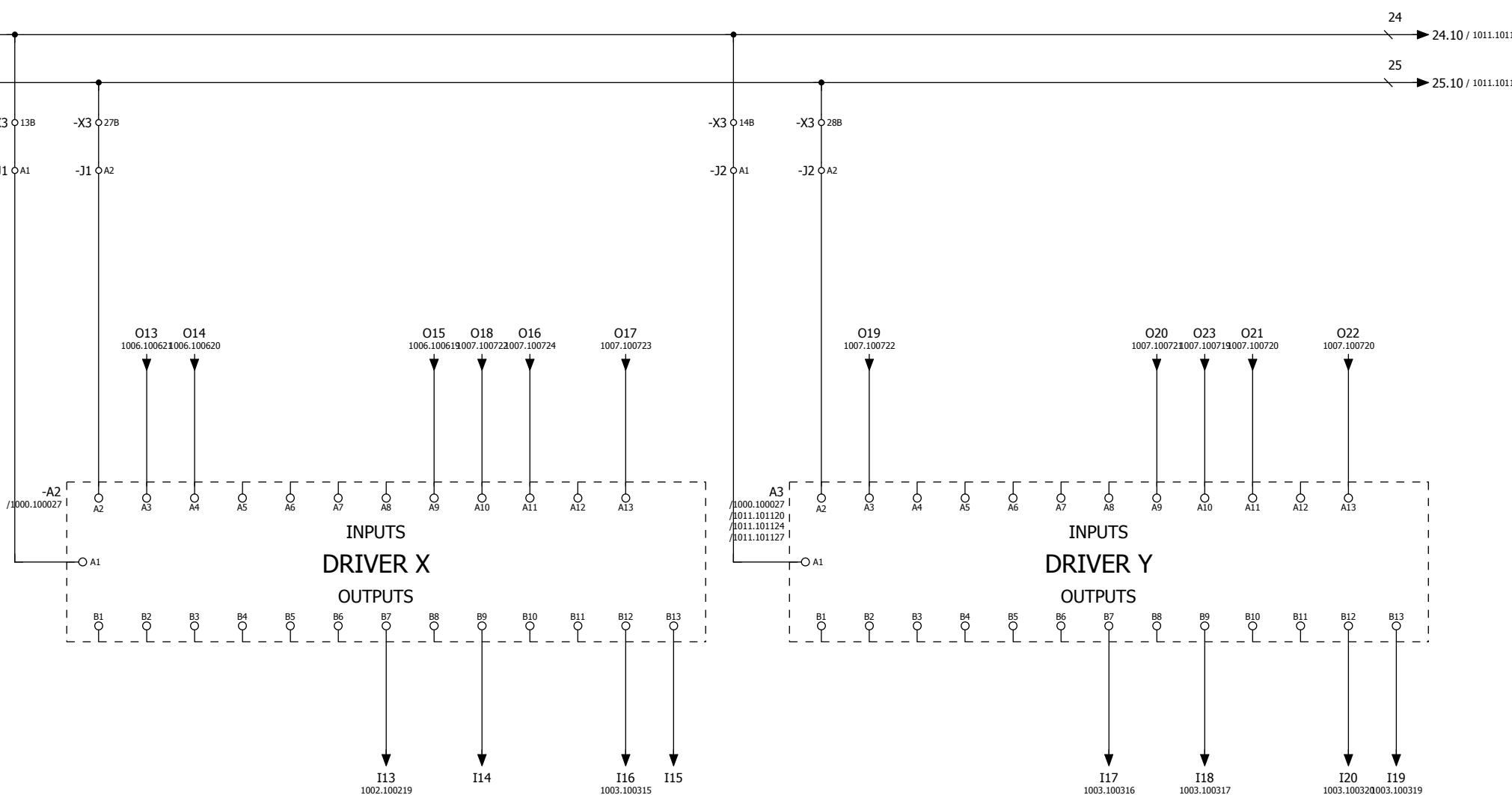
**SMC Int. Training**

C/ Zuazobidea, 14  
 01015 Vitoria-Gasteiz (País Vasco)

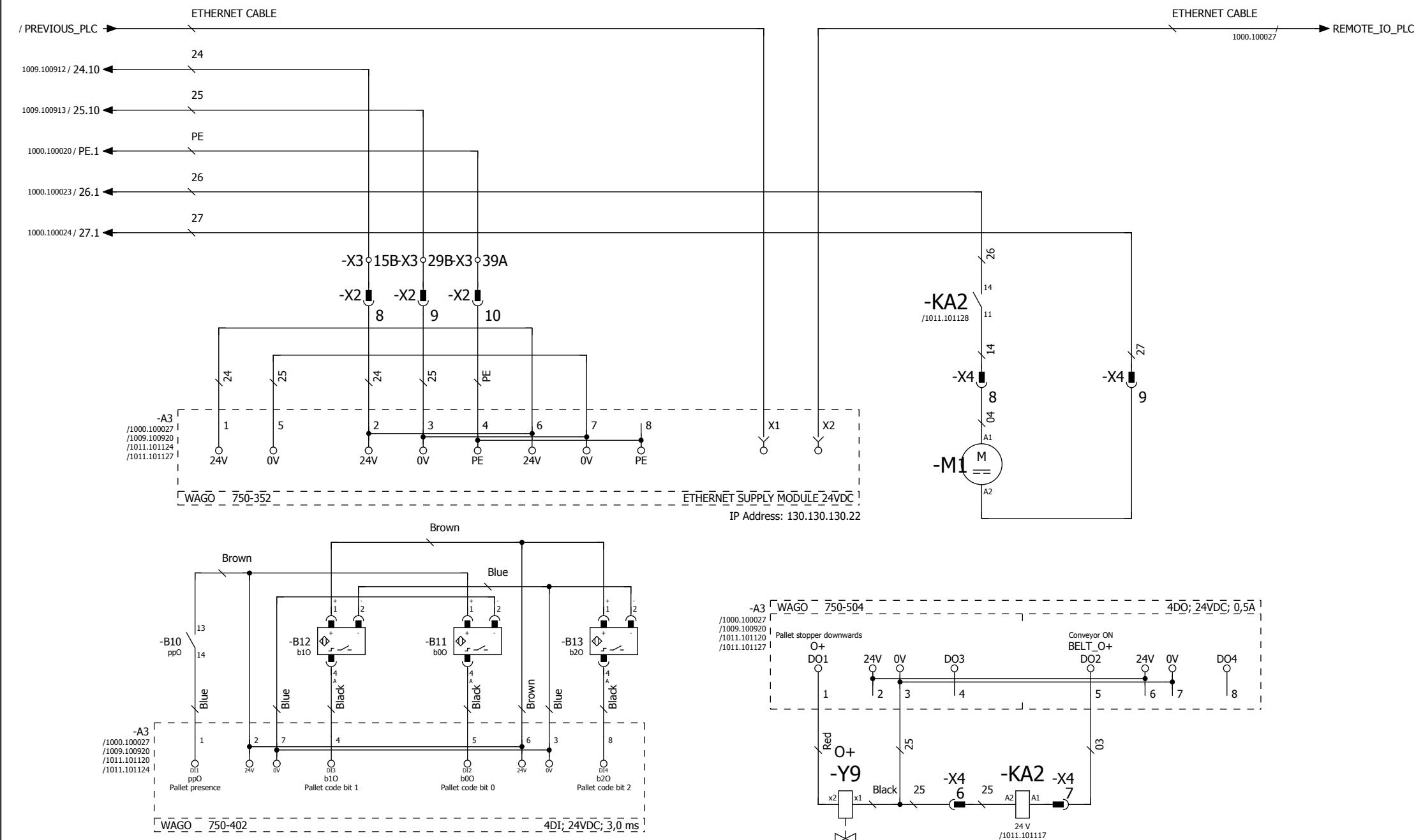




Rev.	Change	Date	Name	COMPACTLOGIX_L24ER			<b>SMC Int. Training</b> C/ Zuazobidea, 14 01015 Vitoria-Gasteiz (País Vasco)	 <b>INTERNATIONAL TRAINING</b>	Page 1008
				Drew by	k3j1	FMS210_OVEN_OMRON			
				Date	29/10/2015	PLC OUTPUTS 4			



Rev.	Change	Date	Name	COMPACTLOGIX_L24ER			<b>SMC Int. Training</b> C/ Zuazobidea, 14 01015 Vitoria-Gasteiz (País Vasco)	 INTERNATIONAL TRAINING	Page 1009
				Drew by	k3j1	FMS210_OVEN_OMRON			
				Date	29/10/2015	SERVODRIVES			



Rev.	Change	Date	Name
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### COMPACTLOGIX\_L24ER

Drew by k3j1 FMS210\_OVEN\_OMRON

Date 29/10/2015 REMOTE I/O (BELT)

### SMC Int. Training

C/ Zuazobidea, 14  
01015 Vitoria-Gasteiz (País Vasco)

**X1**

	A	B
1	L01	L01
2	N01	N01
3	PE	PE

**X2**

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	L03	L03	N03	N03	P <small>E</small>
24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	L04	L04	N04	N04	PE
24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	N04	N04	L05	L05	PE
24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	PE
24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	PE

**X4**

1	2	3	4	5	6	7	8	9	10
24	24	25	121	121	122	122	123	123	25
25	25	25	25	25	25	25	25	13	13
25	25	25	25	25	25	25	14	14	27
25	25	25	25	25	25	25	30	31	32
25	25	25	25	25	25	25	31	33	34
25	25	25	25	25	25	25	35	36	37
25	25	25	25	25	25	25	36	38	39

**X3**

A	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39
A	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	
B	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	

**J1**

1	A1	COMM+	24
3	A3	IN0	O15
5	A5	IN2	
7	A7	IN4	
9	A9	SETUP	O17
11	A11	DRIVE	O18
13	A13	SVON	O19
15	B2		
17	B4	OUT3	
19	B6	OUT5	
21	B8	AREA	
23	B10	INP	
25	B12	ESTOP	I17

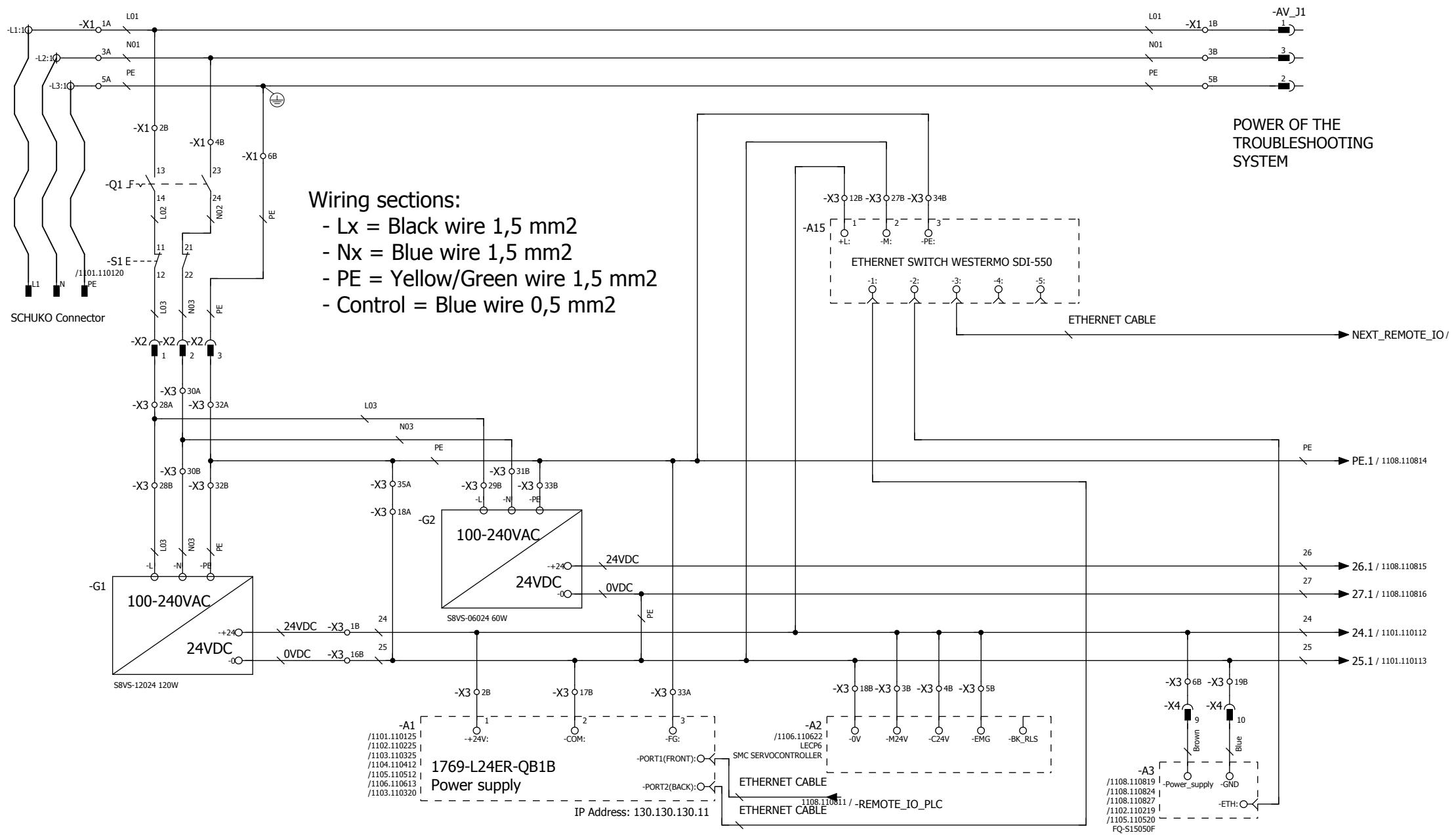
**J2**

1	A1	COMM+	24
3	A3	IN0	O21
5	A5	IN2	
7	A7	IN4	
9	A9	SETUP	O22
11	A11	DRIVE	O23
13	A13	SVON	O24
15	B2		
17	B4	OUT3	
19	B6	OUT5	
21	B8	AREA	
23	B10	INP	
25	B12	ESTOP	I21

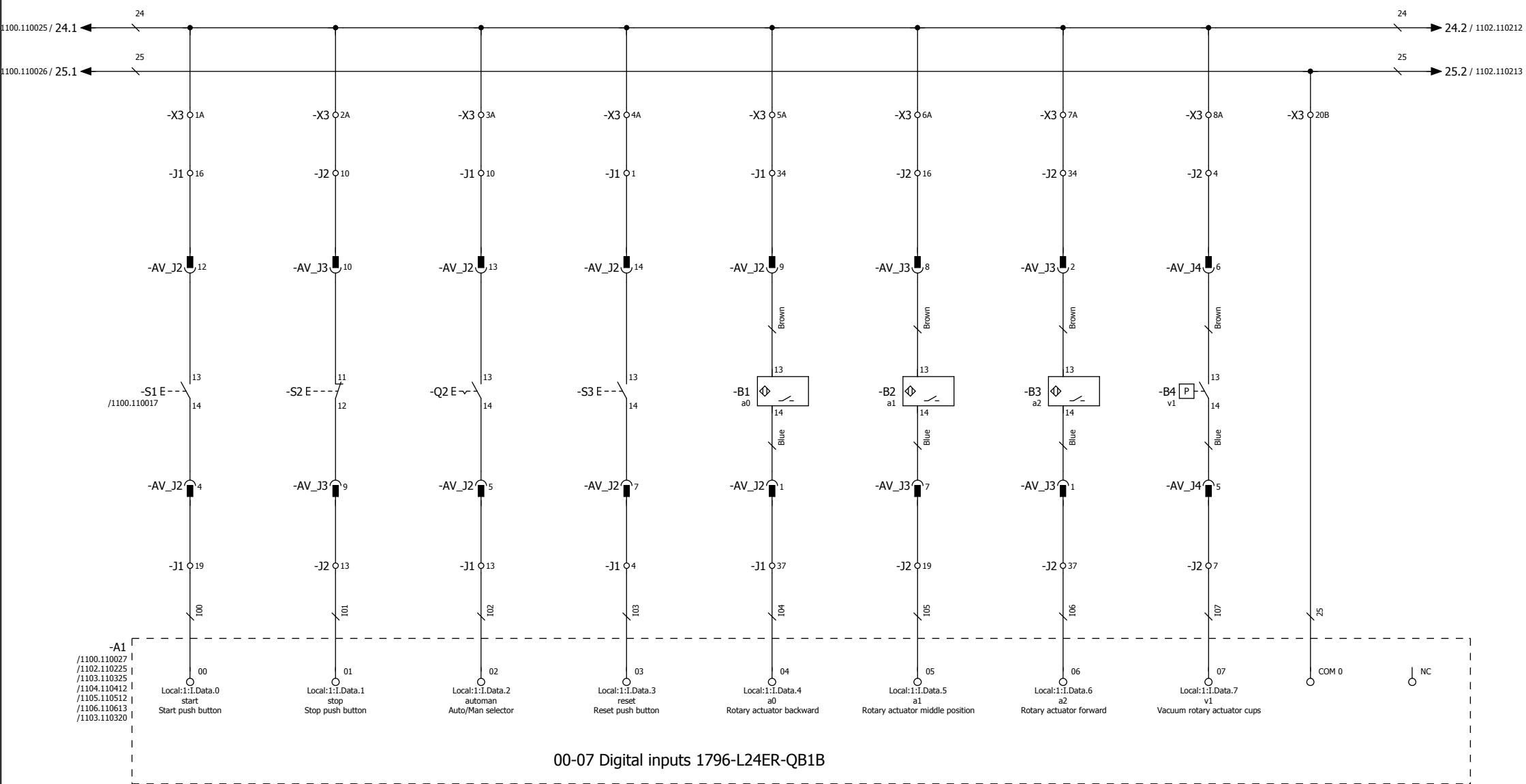
2	A2	COMM-	25
4	A4	IN1	O16
6	A6	IN3	
8	A8	IN5	
10	A10	HOLD	O20
12	A12	RESET	
14	B1		
16	B3		
18	B5	OUT4	
20	B7	BUSY	I14
22	B9	SETON	I15
24	B11	SVRE	
26	B13	ALARM	I16

2	A2	COMM-	25
4	A4	IN1	
6	A6	IN3	
8	A8	IN5	
10	A10	HOLD	O25
12	A12	RESET	
14	B1		
16	B3		
18	B5	OUT4	
20	B7	BUSY	I18
22	B9	SETON	I19
24	B11	SVRE	
26	B13	ALARM	I20

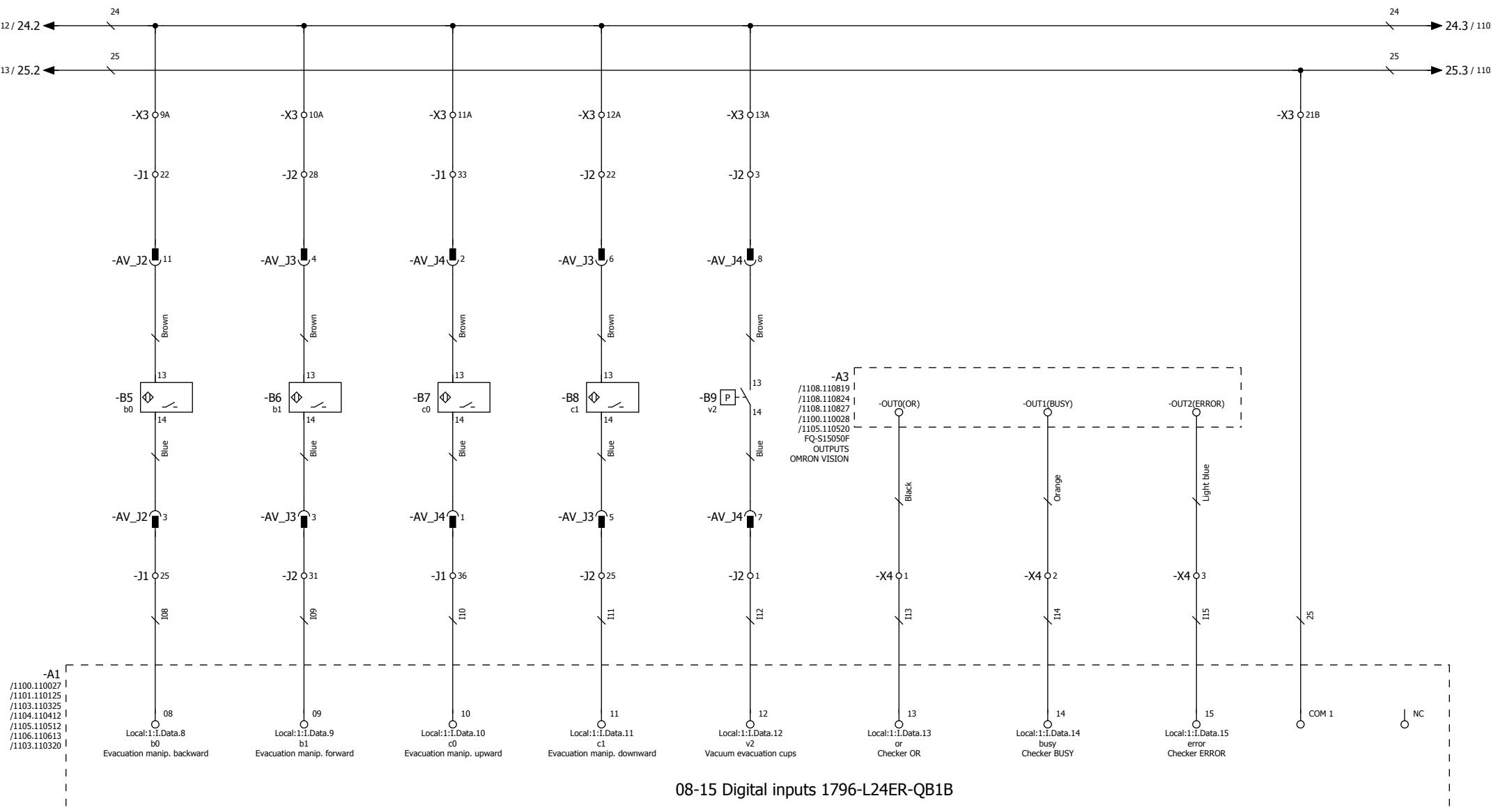
Rev.	Change	Date	Name	COMPACTLOGIX_L24ER			SMC Int. Training C/ Zuazobidea, 14 01015 Vitoria-Gasteiz (País Vasco)	 INTERNATIONAL TRAINING	Page 1013
				Drew by	k3j1	FMS210_OVEN_OMRON			
				Date	29/10/2015	J1&J2 TERMINALS			



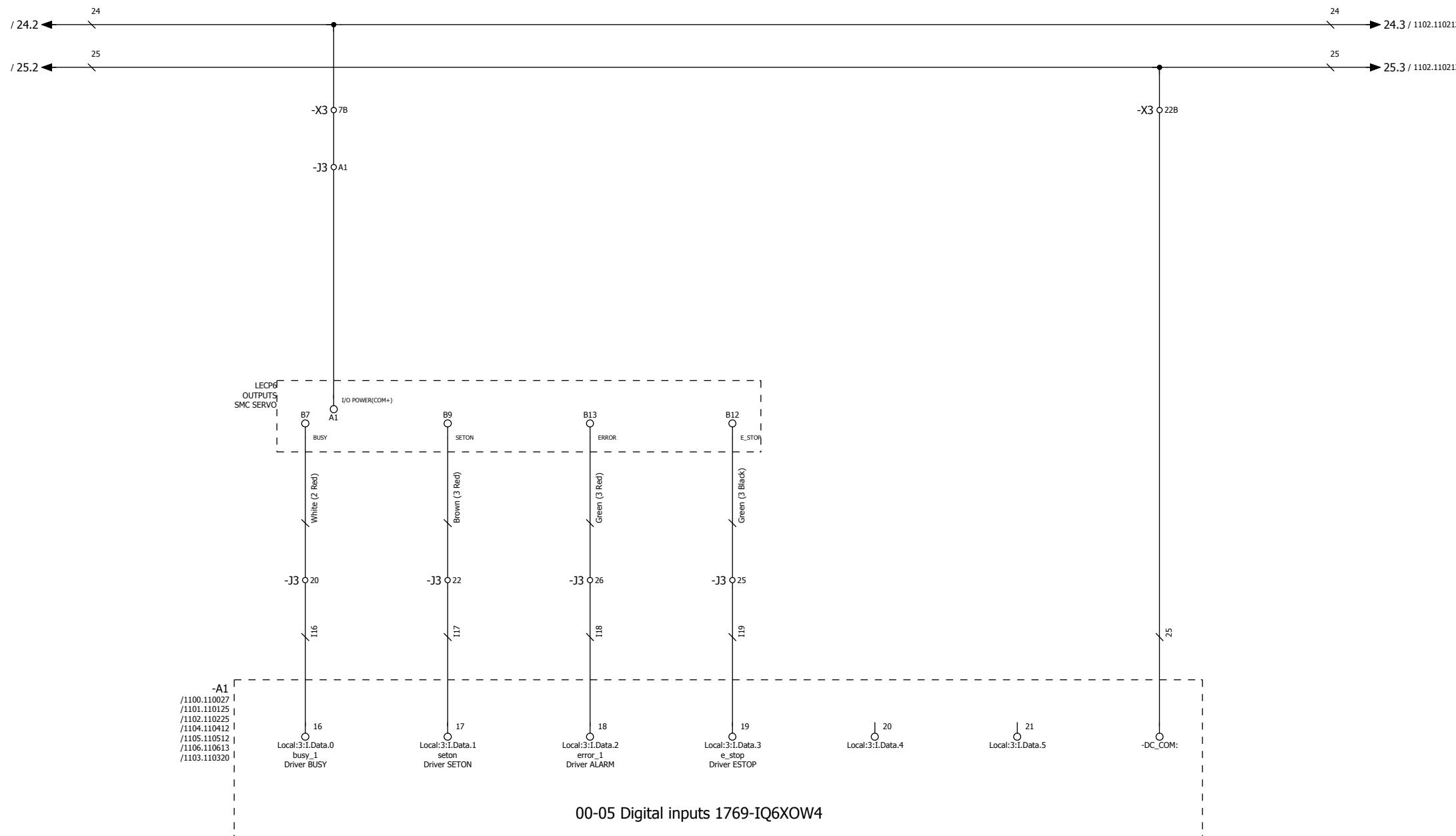
Rev.	Change	Date	Name	COMPACTLOGIX_L24ER			SMC Int. Training	Page
				Drew by	k3j1		FMS211_VISION	
				Date	26/10/2015		POWER	
							C/ Zuazobidea, 14 01015 Vitoria-Gasteiz (País Vasco)	
							INTERNATIONAL TRAINING	1100



Rev.	Change	Date	Name	COMPACTLOGIX_L24ER			SMC Int. Training	SMC® INTERNATIONAL TRAINING	Page
	Drew by	k3j1		FMS211_VISION			C/ Zuazobidea, 14		1101
	Date	26/10/2015		PLC INPUTS 1			01015 Vitoria-Gasteiz (País Vasco)		

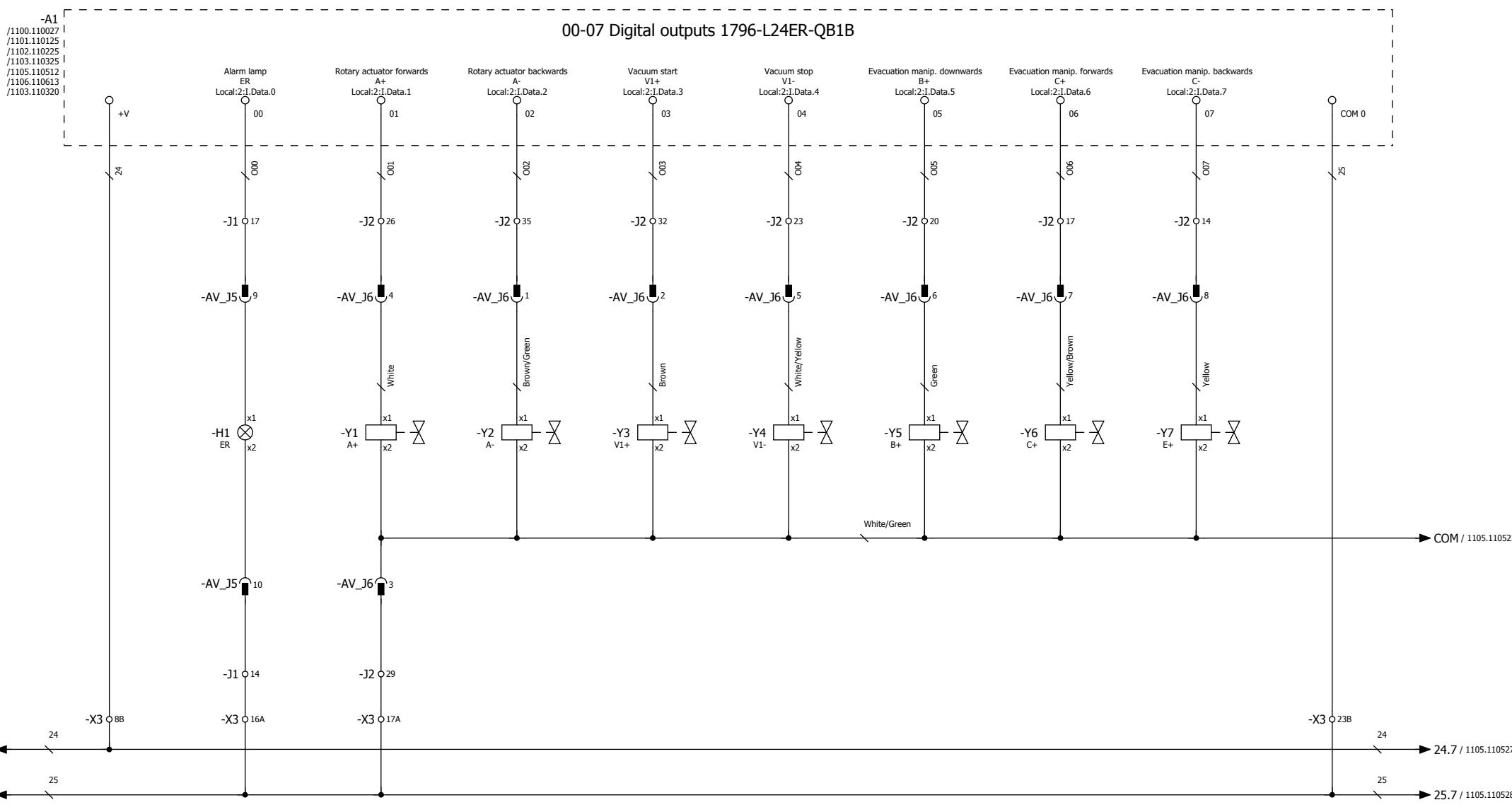


Rev.	Change	Date	Name	COMPACTLOGIX_L24ER			SMC Int. Training	SMC® INTERNATIONAL TRAINING	Page
				Drew by	k3j1	FMS211_VISION	C/ Zuazobidea, 14 01015 Vitoria-Gasteiz (País Vasco)		1102
				Date	26/10/2015	PLC INPUTS 2			



Rev.	Change	Date	Name	COMPACTLOGIX_L24ER			SMC Int. Training	SMC	Page
				Drew by	k3j1	FMS211_VISION	C/ Zuazobidea, 14 01015 Vitoria-Gasteiz (País Vasco)	INTERNATIONAL TRAINING	1103
				Date	26/10/2015	PLC INPUTS 3			

### 00-07 Digital outputs 1796-L24ER-QB1B



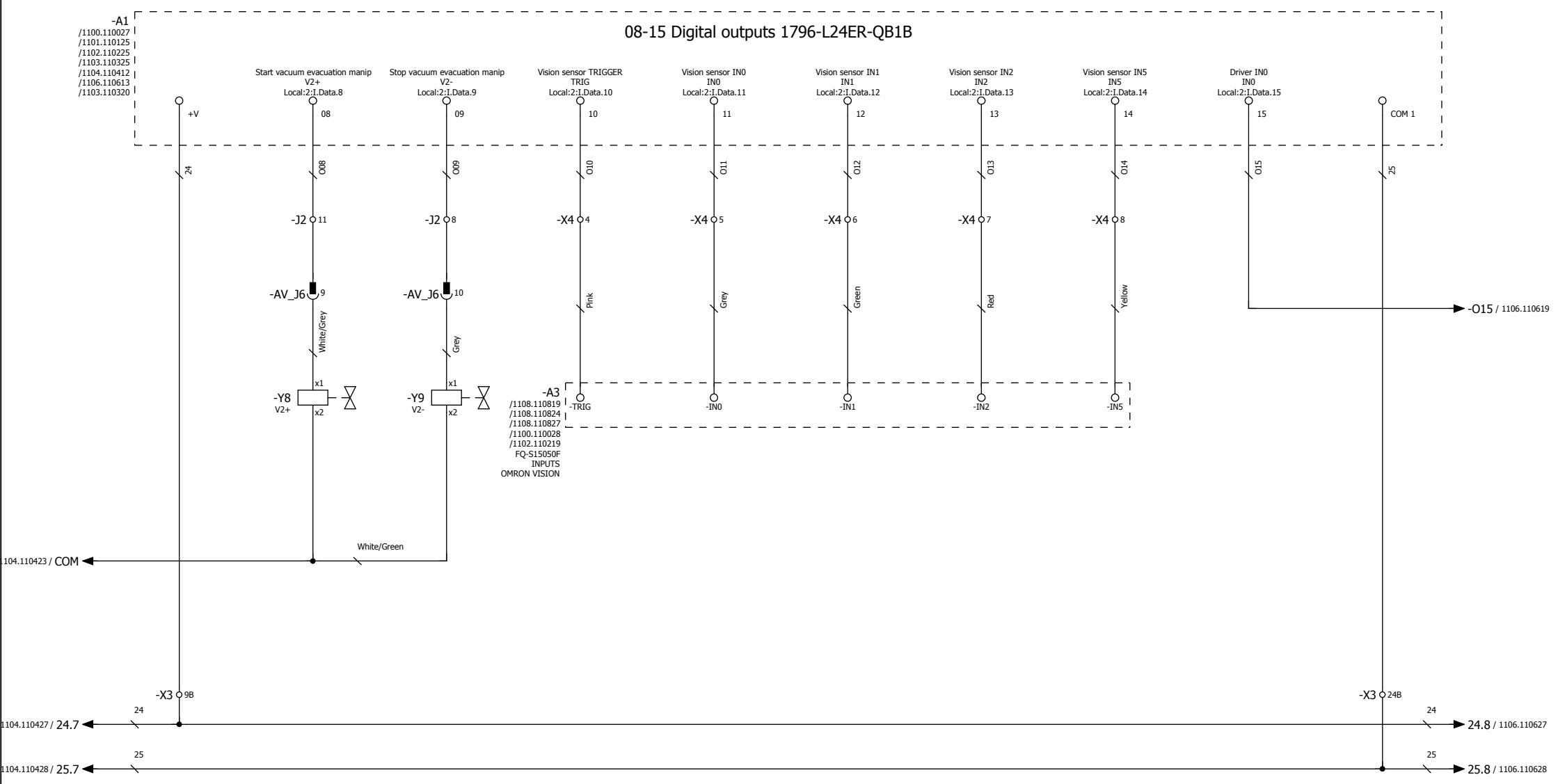
Rev.	Change	Date	Name
<b>COMPACTLOGIX_L24ER</b>			

Drew by	k3j1	<b>FMS211_VISION</b>
Date	26/10/2015	<b>PLC OUTPUTS 1</b>

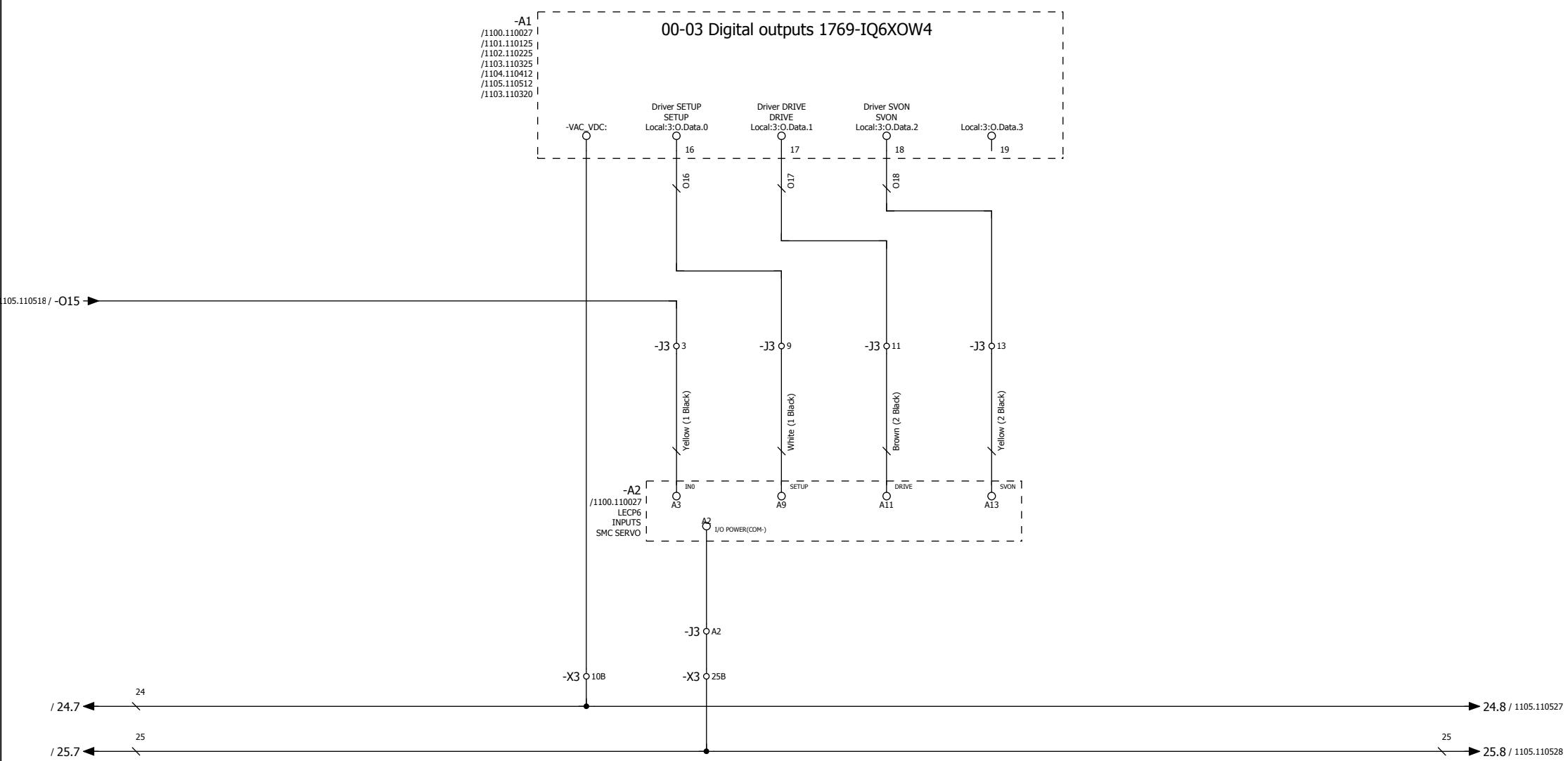
**SMC Int. Training**

C/ Zuazobidea, 14  
01015 Vitoria-Gasteiz (País Vasco)





Rev.	Change	Date	Name	COMPACTLOGIX_L24ER			<b>SMC Int. Training</b>	C/ Zuazobidea, 14 01015 Vitoria-Gasteiz (País Vasco)	 <b>INTERNATIONAL TRAINING</b>	Page 1105
				Drew by	k3j1	FMS211_VISION				
							Date	26/10/2015	PLC OUTPUTS 2	



Rev.	Change	Date	Name

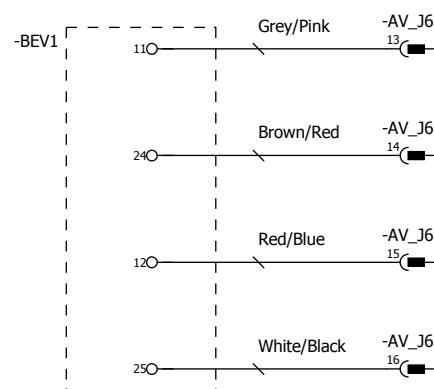
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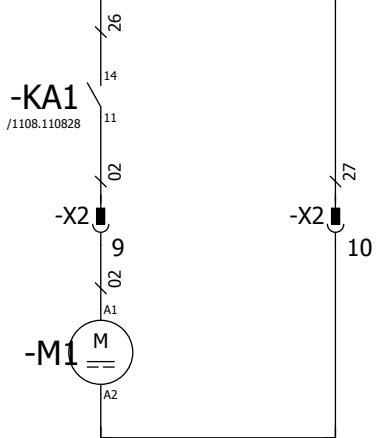
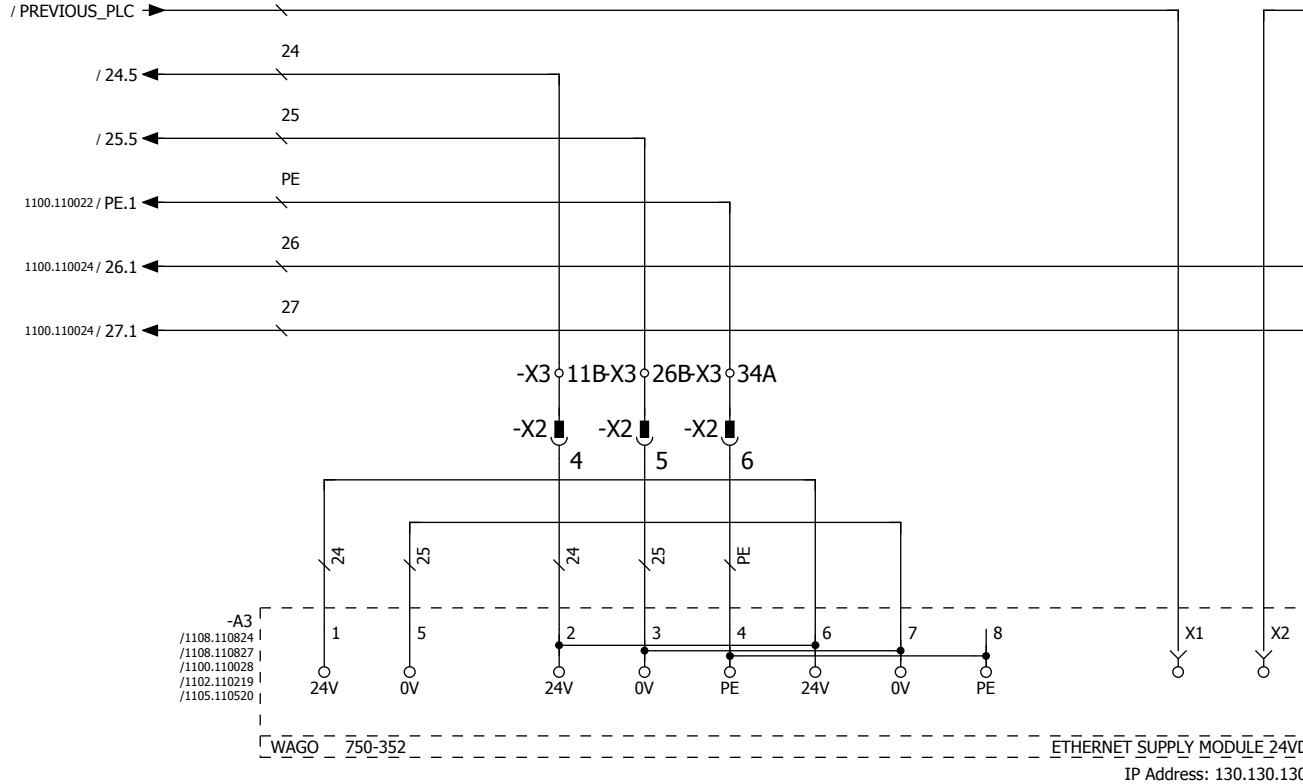
### SMC Int. Training

C/ Zuazobidea, 14  
01015 Vitoria-Gasteiz (País Vasco)

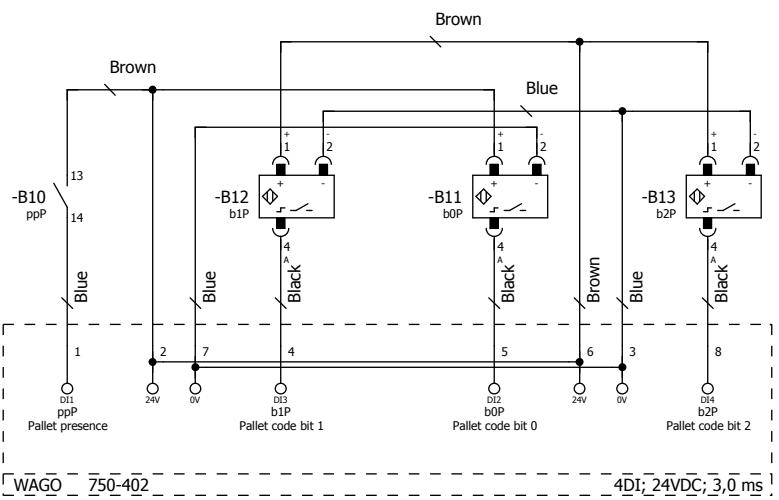




Rev.	Change	Date	Name	COMPACTLOGIX_L24ER			SMC Int. Training	SMC® INTERNATIONAL TRAINING	Page
				Drew by	k3j1	FMS211_VISION	C/ Zuazobidea, 14 01015 Vitoria-Gasteiz (País Vasco)		
				Date	26/10/2015	MANIFOLD			
									1107



Brown



-A3 WAGO 750-504

/1108.110819  
/1108.110827  
/1100.110028  
/1102.110219  
/1105.110520

Pallet stopper downwards

/1105.110520

P+ DO1

24V 0V

1 2

DO3

24V 0V

3 4

Red P+

-Y10

x2 x1 Black

25

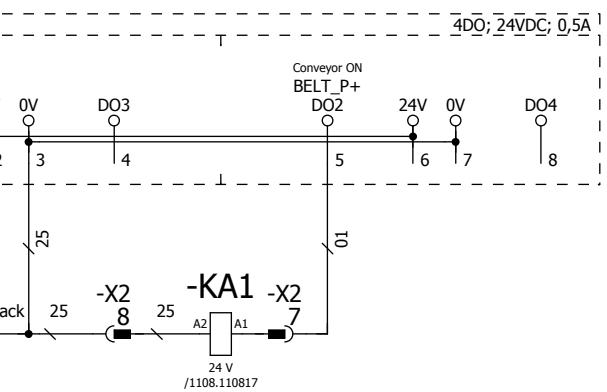
-X2

8 25

A2 A1

24 V

/1108.110817



x1

A

B

1	2	3	4	5	6
L01		N01		PE	
L01		N01	N01	PE	PE
L01		N01	N01	PE	PE

x2

L03	L03	1
N03	N03	2
PE	PE	3
24	24	4
25	25	5
PE	PE	6
01	01	7
25	25	8
02	02	9
27	27	10

x4

x3

A

B