



FlexLink®

Power box

5058150-01



Power box

Electrical supply

Voltage	24 VDC
Current	4 A maximum
Short-circuit capacity	10 kA
Electrical diagram	5058150-01

Physical dimension

Height	200 mm (enclosure) + 50 mm (glands)
Width	200 mm
Depth	155 mm
Weight	10 kg

Distance between wall fixing holes = 160 mm (vertically)
and 160 mm (horizontally).

Power box

Features

Communication

- Terminal group for hardwired communication for controlling and supervising safety system
- M12-connector for optional Reset Maneuver box

Safety

- One safety group: safety relay disconnecting 24VDC power supply for pneumatic on/off valves

1 2 3 4 5 6 7 8

A B C D E F

FILENAME	FILEDATE	TIME	SH	DWGDESC
100	2007-07-03	12:49:24	100	List of sheets
101	2007-07-03	12:21:43	101	Exterior
102	2007-07-03	12:21:48	102	Interior
111	2007-07-03	12:19:22	111	Internal, Exterior
112	2007-07-03	12:21:25	112	Internal, Interior
113	2007-07-03	12:40:16	113	Internal, Assembly plate
114	2007-07-03	12:40:25	114	Internal, Assy plate prep
116	2007-07-03	12:45:55	116	Internal, Earthing
117	2007-07-03	12:01:09	117	Internal, Gland plate
120	2007-07-03	12:50:04	120	Internal, Terminal groups
301	2007-07-03	12:01:17	301	Incoming power supply
302	2007-06-29	16:08:08	302	Enclosure earthing
310	2007-07-03	12:48:27	310	Power
330	2007-07-03	12:03:40	330	Safety relay
340	2007-07-03	12:48:07	340	Safety loop
390	2007-06-29	16:17:03	390	Fieldbus communication
391	2007-07-03	12:05:17	391	Maneuver communication



Document type
Project number 7220367

By Date
Drawn
Check

Drawing number
5058150-01

Sheets 017 Sheet 100

Location

Function

List of sheets

Power box

By

Date

Change

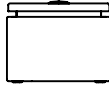
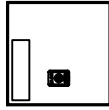
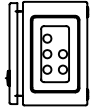
Rev.

1 2 3 4 5 6 7 8

- 00.
- 01.
- 02.
- 03. X301-3
- 04.
- 05.
- 06.
- 07.
- 08.
- 09. X310-3

- 10. A330-1
- 11.
- 12.
- 13. X330-1
- 14. X340-1
- 15.
- 16.

- 20.
- 21. X390-1
- 22. X391-1

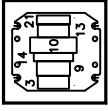
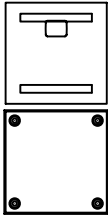


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FlexLink				
Project number 7220367				
Document type				
Drawn	By	Date		
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			Function	Location
			Power box	
			Exterior	
			Sheets 017	Sheet 101
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- 00.
- 01.
- 02.
- 03. X301-3
- 04.
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- 09. X310-3

- 10. A330-1
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- 14. X340-1
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- 16.

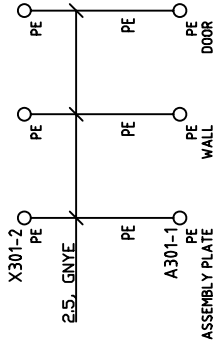
- 20.
- 21. X390-1
- 22. X391-1



Assembly plate


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					Power box		5058150-01		5058150-01	
					Interior				Sheets 017	
					Function				Sheet 102	
					Location				8	





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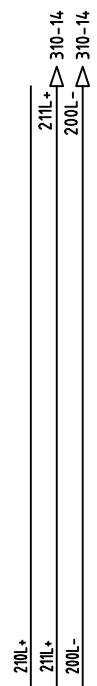
Rev.		Date	Change	By
				
Document type		Project number 7220367		
Drawn	By	Date		
Check				
		Maneuver box		Drawing number
		Enclosure earthing		5058150-01
		Function	Location	Sheets 018
				Sheet 302

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Incoming supply:
 210L+; 24 VDC Safe
 211L+; 24 VDC Permanent
 200L-; 0 VDC
 PE

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Power box		Incoming power supply	
Drawing number		5058150-01	
Sheets	017	7	8

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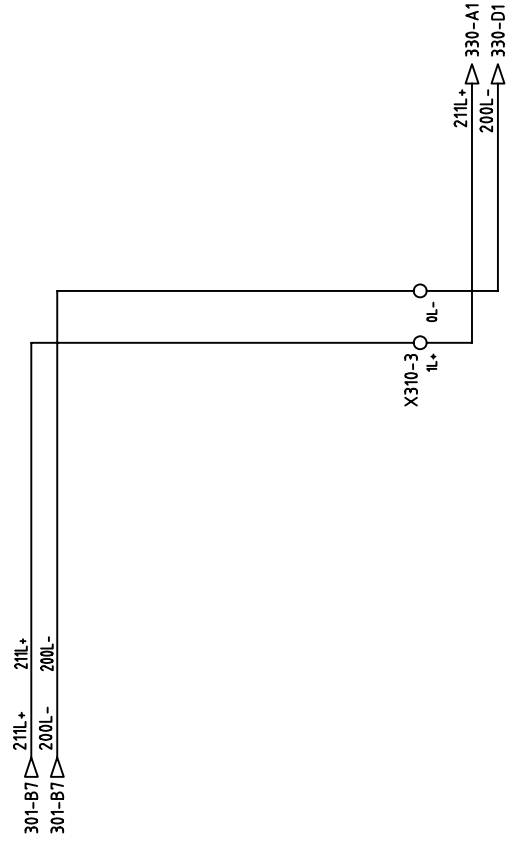
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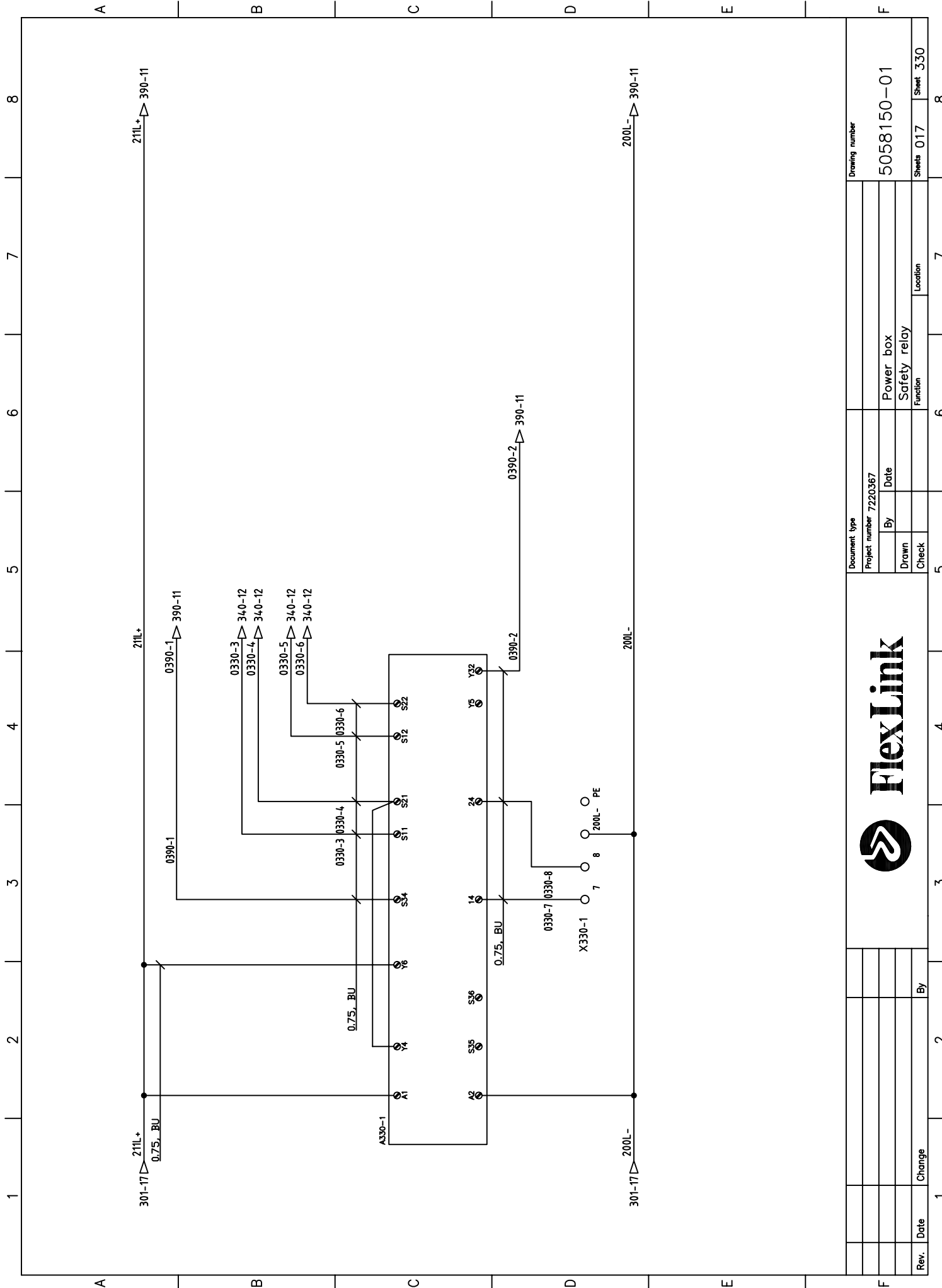
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					Project number 7220367		5058150-01	
					By	Date	Power box	
					Drawn		Function	
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							Sheet 310	
							8	



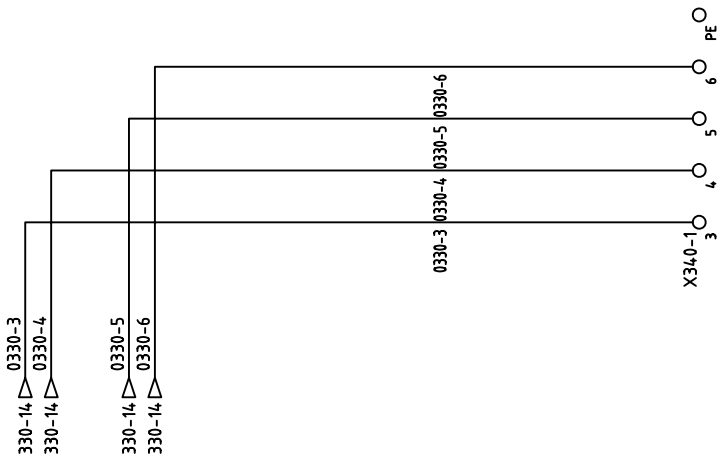


Rev.	Date	Change	By			Document type		Drawing number	
						Project number 7220367		5058150-01	
				Power box		Function		Sheets 017	
				Safety relay		Location		Sheet 330	
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				Check					

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				Project number 7220367		5058150-01	
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				Drawn		Safety loop	Sheet 340
				Check		Function	
						Location	



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1 2 3 4 5 6 7 8

330-17 211L+ 211L+ 391-11

330-14 0390-1
330-15 0390-2

0390-1
0390-2

0390-1 391-11
0390-2 391-11


X390-1
1 2 PE

330-17 200L-

200L-

200L- 391-11

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Rev.	Date	Change	By			Document type		Drawing number	
						Project number 7220367	Power box	5058150-01	Sheets 019
				Drawn	Fieldbus communication		Function		
				Check	Location				

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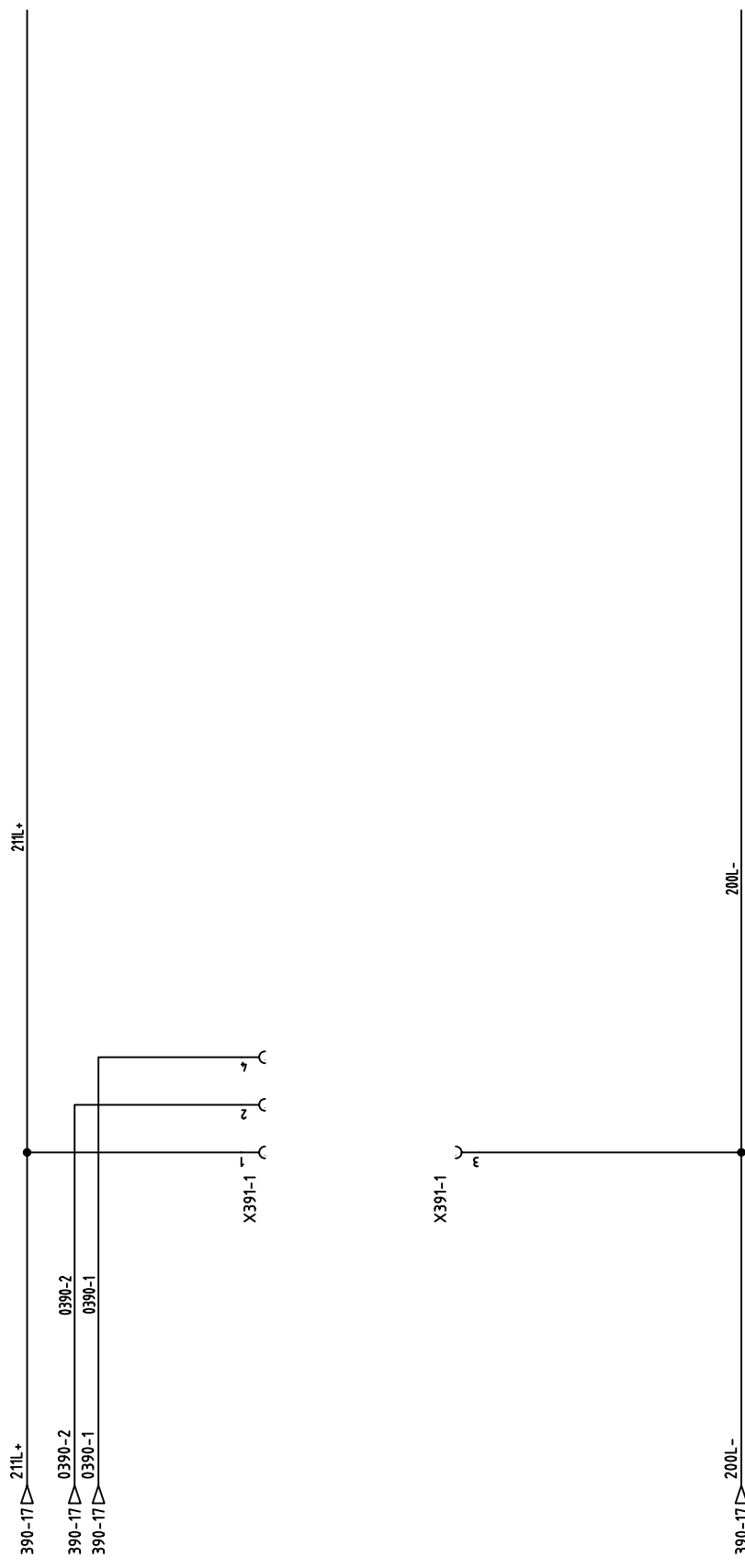
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Rev.		Date	Change	By
				
Document type		Project number 7220367		
Drawn	By	Date		
Check				
Function		Location		
Power box		Maneuver communication		
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Sheets	019	7	8	8

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