

VL-1

1x200-240VAC+N+PE

PCSCHEMATIC Automation



Project title: VL-1	Case no.:	Project rev.:	Page 1
Customer:	DCC:		Scale: 1:1
Page title: Frontpage	Dwg. no.:	Page rev.:	Previous page:
File name: 31.030-07.02.01_external_use	Eng. (proj/page): CE / CE	Last print: 20-12-2017	Next page: 2
Page ref.:	Appr. (date/init):	Last edit: 09-12-2016	Total no. of pages: 19

Documentations Info

This electrical documentation fits on VL-1

- 1P + N
- ENG version
- CE Approved
- 200VAC - 240VAC

Comments

There will be several variants of charts like this:

- With and without bowl detection
- With and without transformer
- UL or CE approvals

Further, it should be noted that there will be some old versions which will be phase objections along the way, this problem will this be rectified.

Voltage variations

- 1F + N, 115V
- 1F + N, 200V - 240V
- 3F, 200V - 240V
- 3F, 380V - 480V
- 3F + N, 380V - 480V

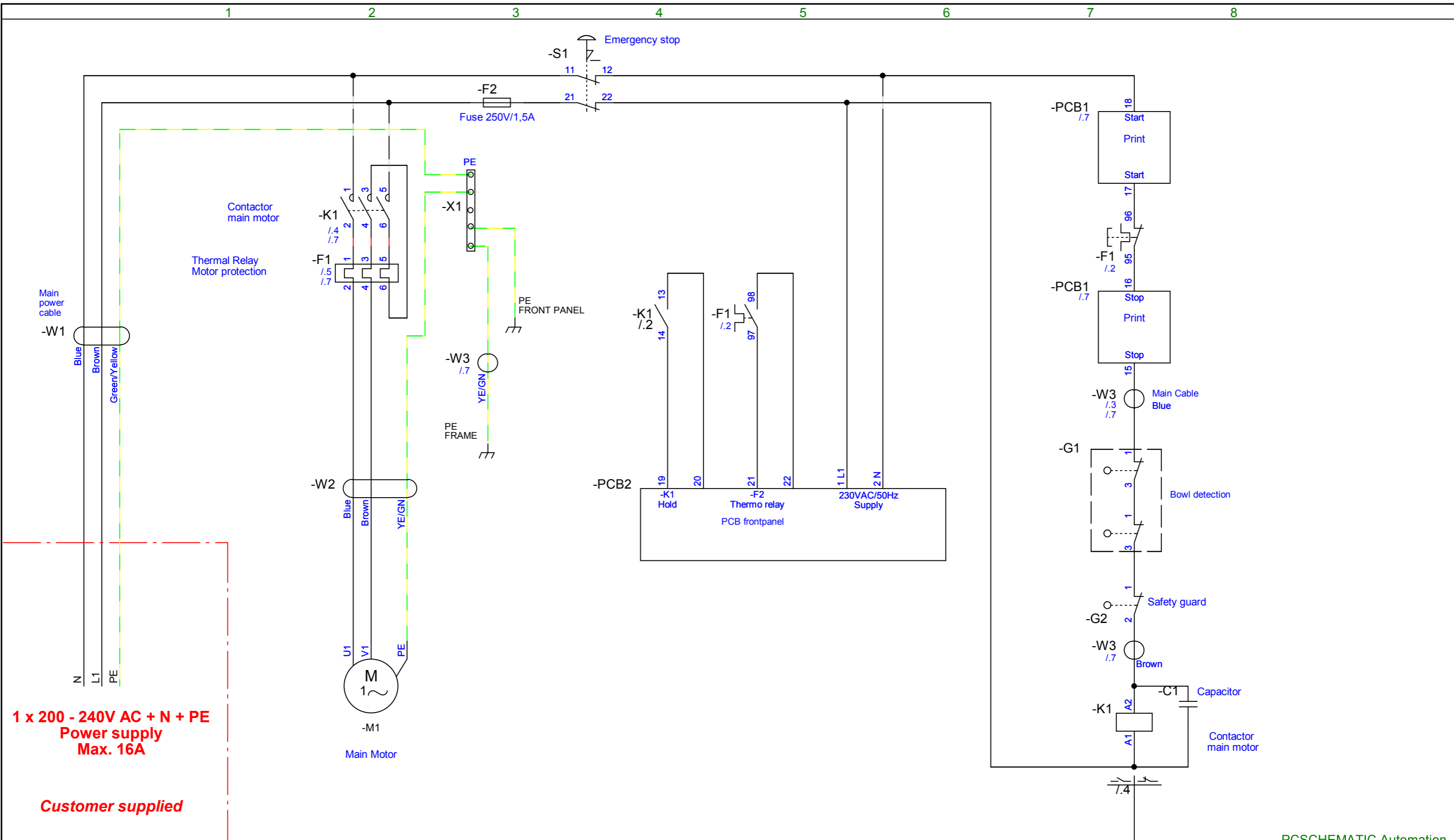
Revision descriptions

- Rev. 01, Drawing. No. 01, page 5, boiler detection added



Project title: VL-1	Case no.:	Project rev.:	Page 4
Customer:	DCC: &DB		Scale: 1:1
Page title: Documentation information	Dwg. no.:	Page rev.:	Previous page: 3
File name: 31.030-07.02.01_external_use	Eng. (proj/page): CE	Last print: 20-12-2017	Next page: 5
Page ref.:	Appr. (date/init):	Last edit: 09-10-2017	Total no. of pages: 19

Diagrammer



Lister

Component	Article	Type	Description	Position
-C1	AR31-85.320M	Kondensator		/5.8
-F1	R20-88.24	Thermal Relay Motor protection		/5.2
-F2	R20E-418.2	Fuse 250V/1,5A		/5.3
-G1	56CR10-111M	Bowl detection		/5.7
-G2	56P30-15.4	Sikkerhedsskærm switch		/5.7
-K1	R100-88.8	Contactora main motor		/5.2
-M1	R60-85.32	Hoved motor, 1F, 220VAC, 50 Hz, 1,5kW		/5.2
-PCB2	AR31-532	Frontpanel VL-1		/5.4
-S1	AR31-174.14	Nødstop NC kontakt element		/5.4
-W1	RN30-194.3M	Main supply cable, 1P		/5.1
-W2	RN30-194.10M	Motor kabel 1F, 3-leder		/5.2
-W3	AR31-194.8M	Main Cable		/5.7
-X1	AR31-458	Jordklemme		/5.3



Project title: VL-1	Case no.:	Project rev.:	Page 7
Customer:	DCC: &PD		Scale: 1:1
Page title: Component list	Dwg. no.:	Page rev.:	Previous page: 6
File name: 31.030-07.02.01_external_use	Eng. (proj/page): CE / CE	Last print: 20-12-2017	Next page: 8
Page ref.:	Appr. (date/init):	Last edit: 26-07-2017	Total no. of pages: 19

From		Cable	To			Type
-S1	11	/5.3	-W1	Blue		Main supply cable, 1P
-F2	1	/5.3	-W1	Brown		Main supply cable, 1P
-X1		/5.3	-W1	Green/Yellow		Main supply cable, 1P
-F1	2	/5.2	-W2	Blue	-M1 U1 /5.2	Motor kabel 1F, 3-leder
-F1	4	/5.2	-W2	Brown	-M1 V1 /5.2	Motor kabel 1F, 3-leder
-X1		/5.3	-W2	YE/GN	-M1 PE /5.2	Motor kabel 1F, 3-leder
-PCB1	15	/5.7	-W3	Blue	-G1 1 /5.7	Main Cable
-G2	2	/5.7	-W3	Brown	-C1 2 /5.8	
-X1		/5.3	-W3	YE/GN		

Page no.	Title	Page remarks	Revision	Last edit
1	Frontpage			09-12-2016
2	Indeks			26-07-2017
3	Table of contents			20-12-2017
4	Documentation information			09-10-2017
	Diagrammer			
5	Diagram		01	26-07-2017
	Lister			
6	Part list			26-07-2017
7	Component list			26-07-2017
8	Cable list			26-07-2017
9	Page Comments (log)			20-12-2017
	Komponent placering			
11	Component placement			26-07-2017
	PCB			

PCSCHEMATIC Automation

A/S WODSCHOW & Co.

Kirkebjerg Søpark 6
DK-2605 Brøndby, Denmark
www.bearvarimixer.dk



Project title: VL-1	Case no.:	Project rev.:	Page 9
Customer:	DCC:		Scale: 1:1
Page title: Page Comments (log)	Dwg. no.:	Page rev.:	Previous page: 8
File name: 31.030-07.02.01_external_use	Eng. (proj/page): CE	Last print: 20-12-2017	Next page: 10
Page ref.:	Appr. (date/init):	Last edit: 20-12-2017	Total no. of pages: 19

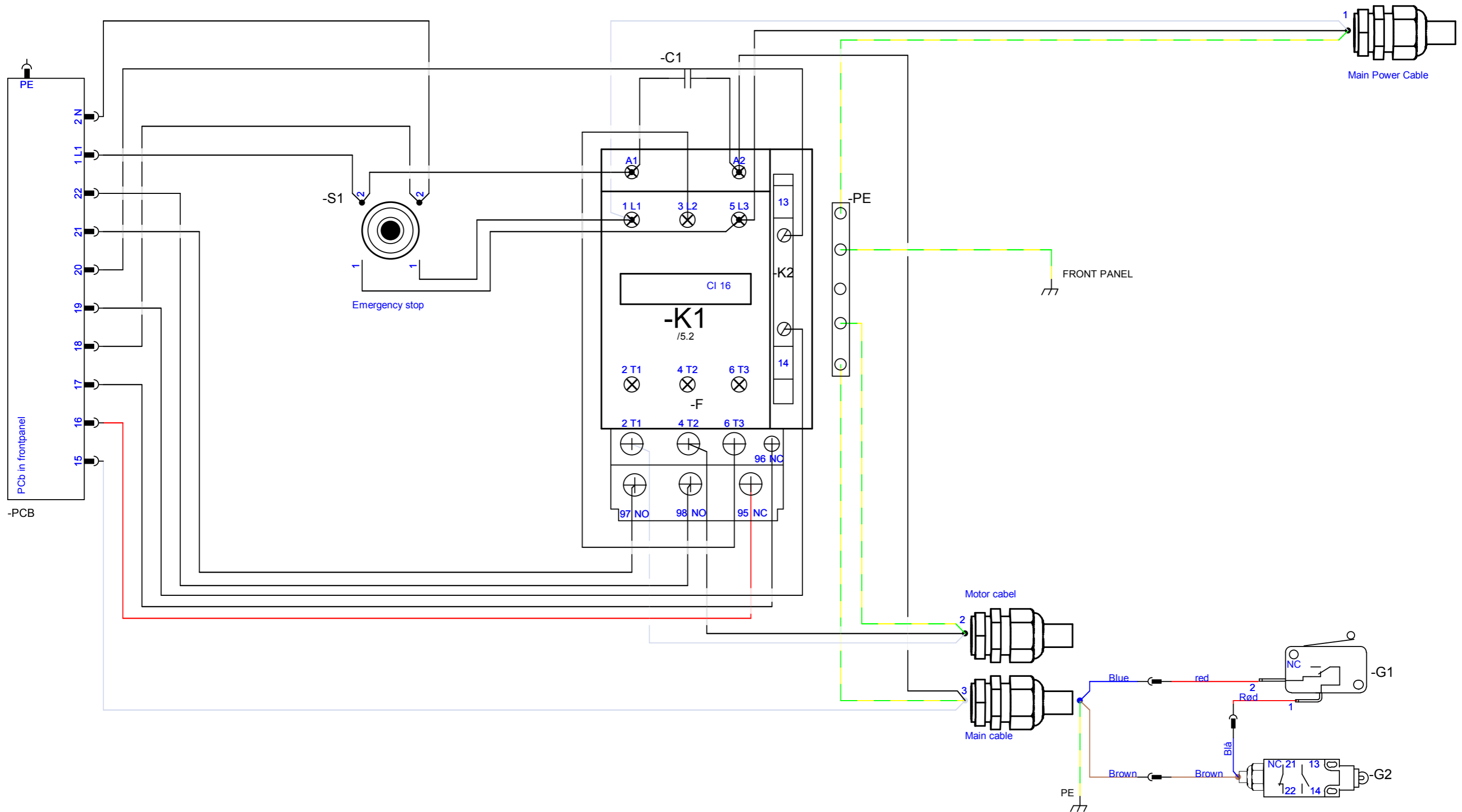
Page no.	Title	Page remarks	Revision	Last edit
12	PCB			21-07-2017
13	PCB			21-07-2017
14	PCB			21-07-2017
15	PCB			20-12-2017

PCSCHEMATIC Automation



Project title: VL-1	Case no.:	Project rev.:	Page 10
Customer:	DCC:		Scale: 1:1
Page title: Page Comments (log)	Dwg. no.:	Page rev.:	Previous page: 9
File name: 31.030-07.02.01_external_use	Eng. (proj/page): CE	Last print: 20-12-2017	Next page: 11
Page ref.:	Appr. (date/init):	Last edit: 20-12-2017	Total no. of pages: 19

Komponent placering



Project title: VL-1	Case no.:	Project rev.:	Page 11
Customer:	DCC: &FS		Scale: 1:1
Page title: Component placement	Dwg. no.: 02	Page rev.:	Previous page: 10
File name: 31.030-07.02.01_external_use	Eng. (proj/page): CE / CE	Last print: 20-12-2017	Next page: 12
Page ref.:	Appr. (date/init):	Last edit: 26-07-2017	Total no. of pages: 19