

MK-1

3x380VAC + N + PE

PCSCHEMATIC Automation



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Documentation Info

This electrical documentation is suitable for MK-1

- 3P + N
- ENG-version
- UL approved
- 380 VAC

Comments

There will be more variants of charts like this:

- With and without Transformers
- UL or CE Approvals

Furthermore, it should be noted that there will be some old versions that will be phase objections.

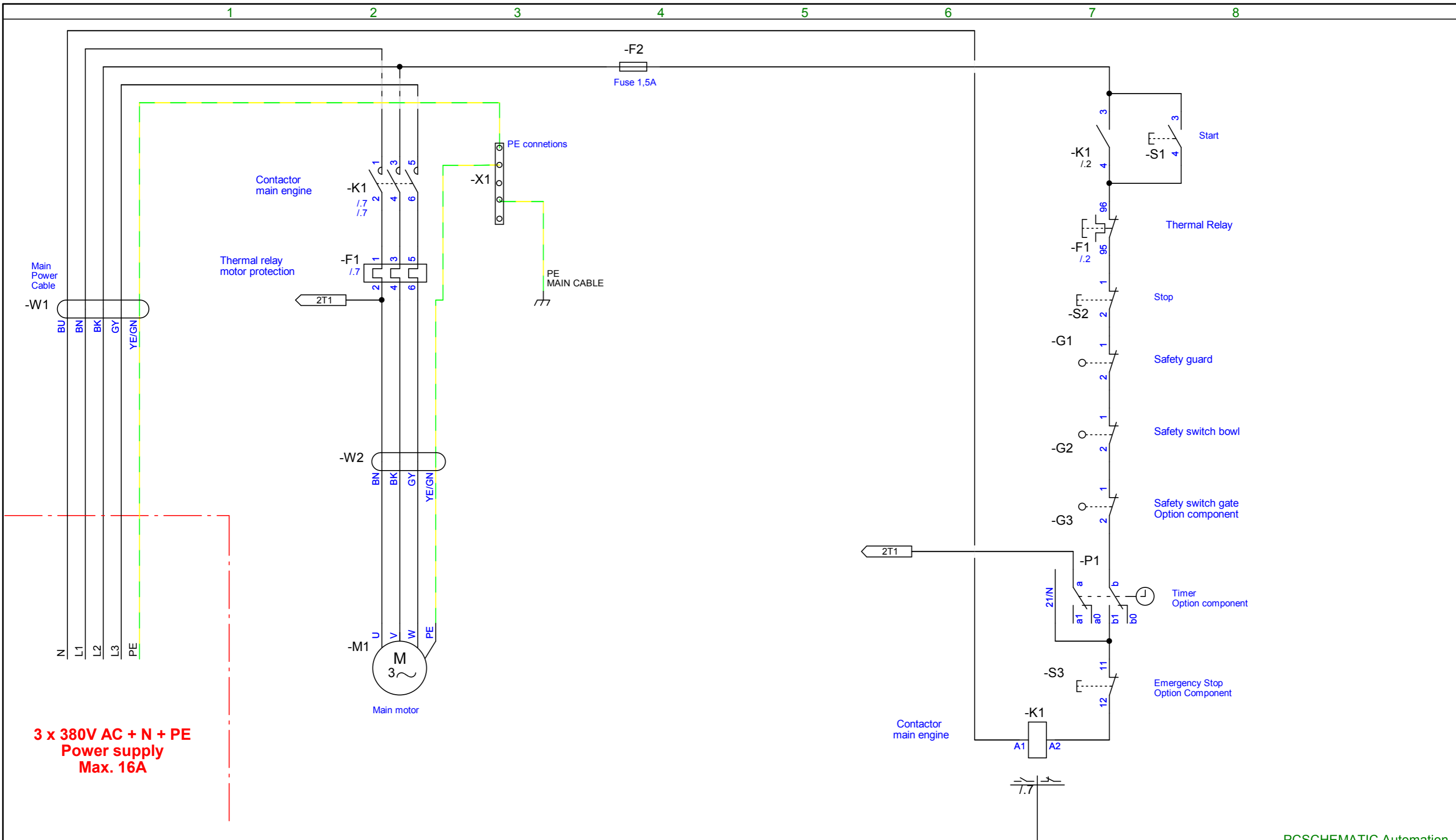
Voltage variations

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

Revision descriptions

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Diagram



**3 x 380V AC + N + PE
Power supply
Max. 16A**

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Lists

Component	Article	Type	Description	Position
-F1	AR31-88.013	Thermal relay, motor protection		/5.2
-F2	R20E-418.2	Fuse 1,5A		/5.4
-G1	-	Safety switch		/5.7
-G2	-	Safety switch		/5.7
-G3	-	Safety switch		/5.7
-K1	AR31-88.004	Contactora main engine		/5.2
-K1	R20-88.47	Contact		/5.7
-M1	R100-85.1	Main motor		/5.2
-P1	W30-188.16	Timer		/5.8
-S1		Trykknop		/5.8
-S2	AR31-174.3	Trykknop, Rød		/5.7
-S3	AR31-174.5	Emergency Stop		/5.7
-W1	RN30-194.1M	Main power cable, 1P, 3-core		/5.1
-W2	RN30-194.9M	Motor cable 3F, 4-Cores		/5.2
-X1	AR31-458	PE connections		/5.3



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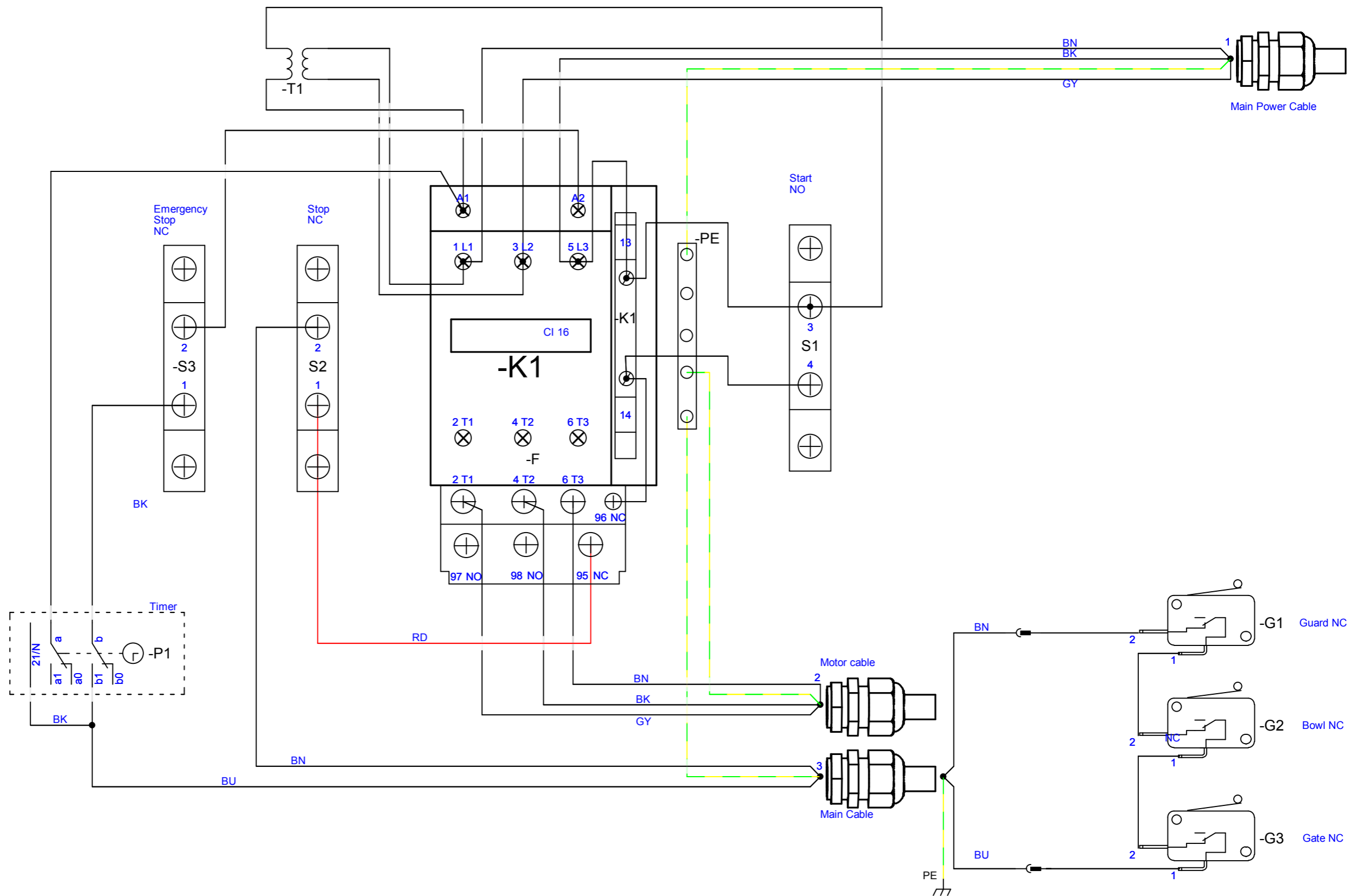
From		Cable		To			Type
-F2	1	/5.4	-W1	BK			Main power cable, 1P, 3-core
-K1	1	/5.2	-W1	BN			Main power cable, 1P, 3-core
-K1	A1	/5.7	-W1	BU			Main power cable, 1P, 3-core
-K1	5	/5.2	-W1	GY			Main power cable, 1P, 3-core
-X1		/5.3	-W1	YE/GN			Main power cable, 1P, 3-core
-F1	4	/5.2	-W2	BK	-M1	V /5.2	Motor cable 3F, 4-Cores
-F1	2	/5.2	-W2	BN	-M1	U /5.2	Motor cable 3F, 4-Cores
-F1	6	/5.2	-W2	GY	-M1	W /5.2	Motor cable 3F, 4-Cores
-X1		/5.3	-W2	YE/GN	-M1	PE /5.2	Motor cable 3F, 4-Cores

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	Diagram			
5	Diagram			03-01-2018
	Lists			
6	Part list			10-08-2017
7	Component list			03-01-2018
8	Cable list			03-01-2018
9	Page Comments (log)			03-01-2018
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10	Component placement			03-01-2018

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Component placering



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