

Electrical drawing

IS-069 400V-480V

Page title: Front page

Project title: **Baader IS-069 400V-480V**

Project no.: **EL.IS-069.400V.R6**

Filename: Baader IS-069 400V_R6

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Last correction: 29.1.2015

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Constructor Guðbrandur

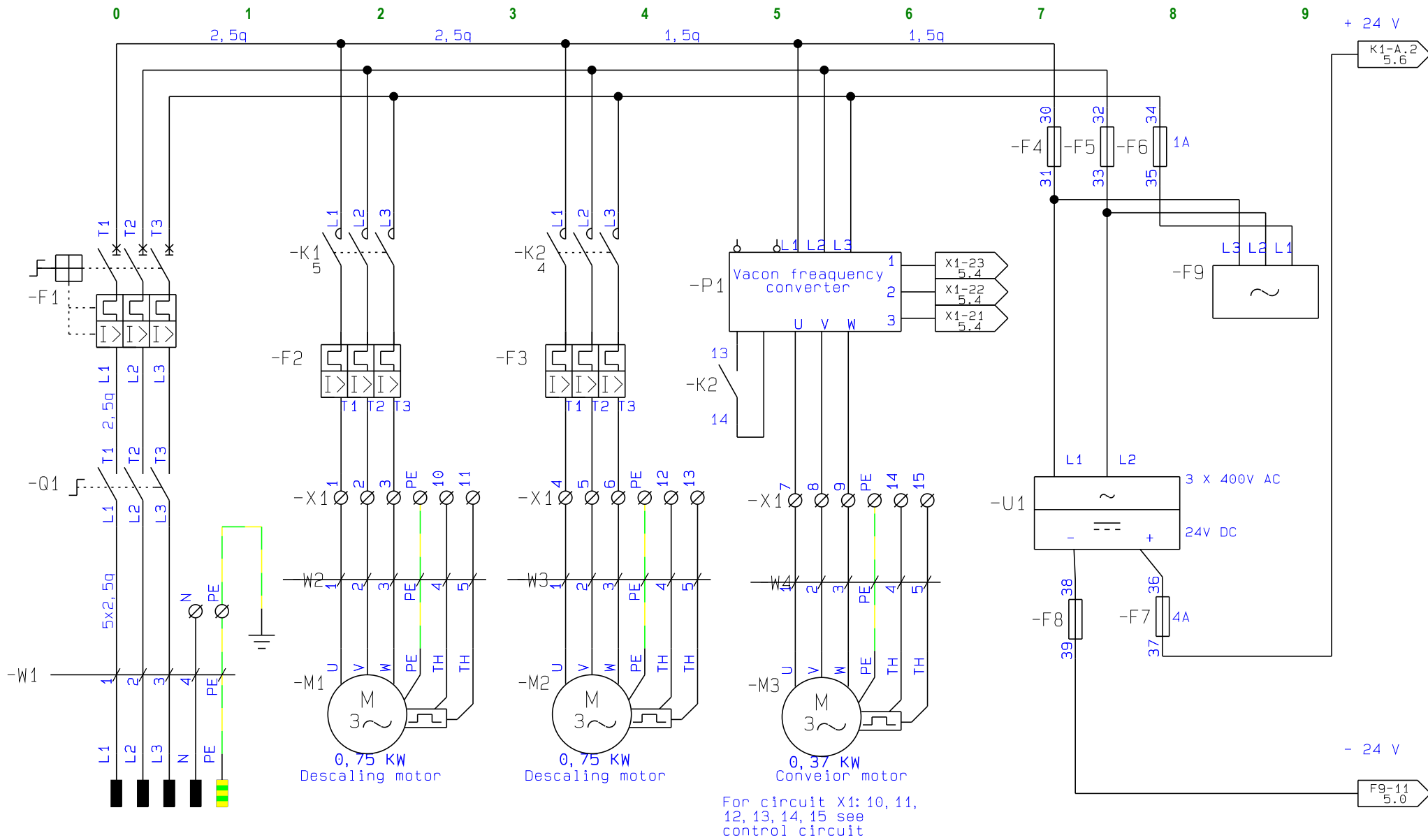
Designer Guðbrandur

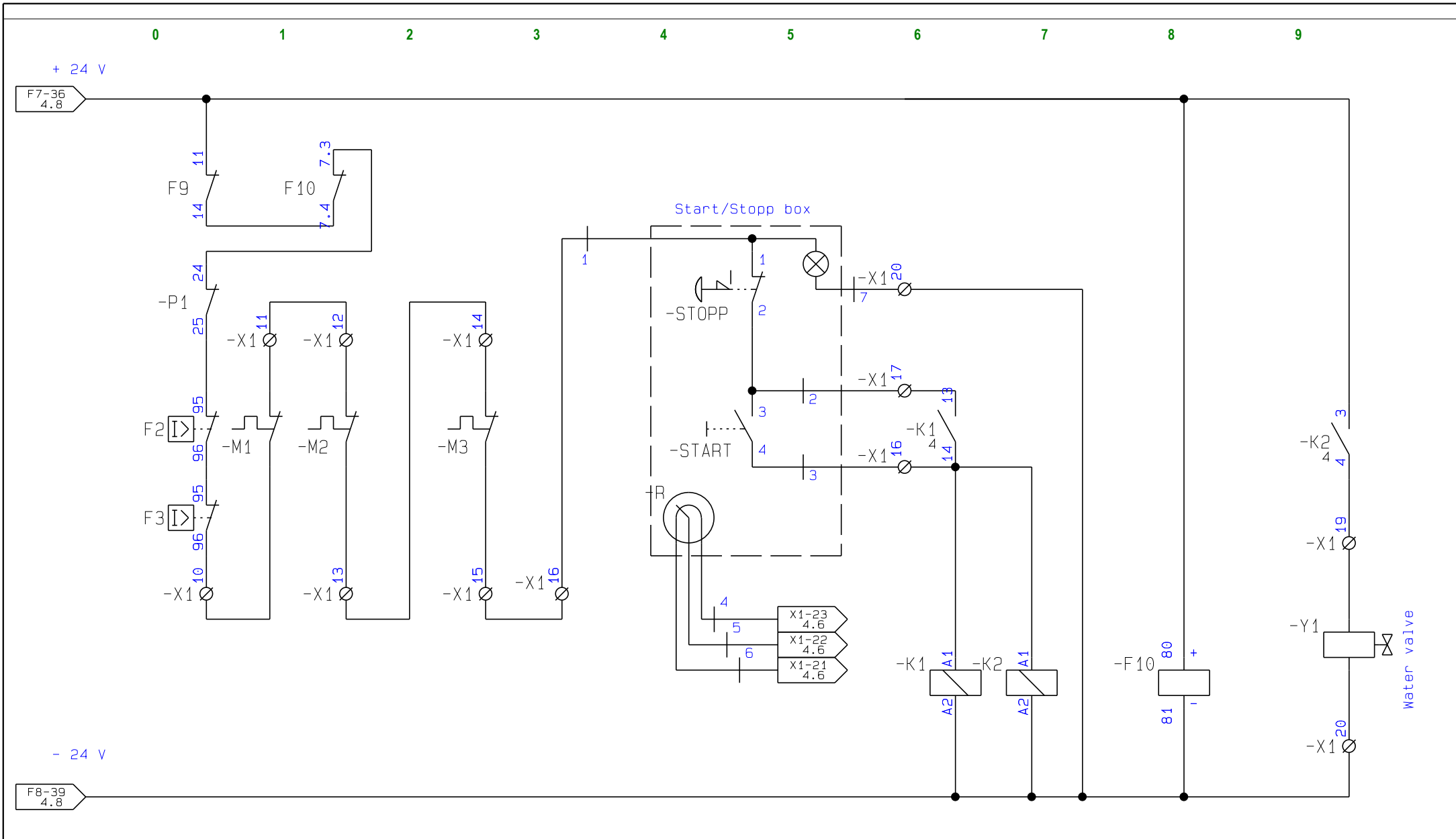
Drawing Jón Valur




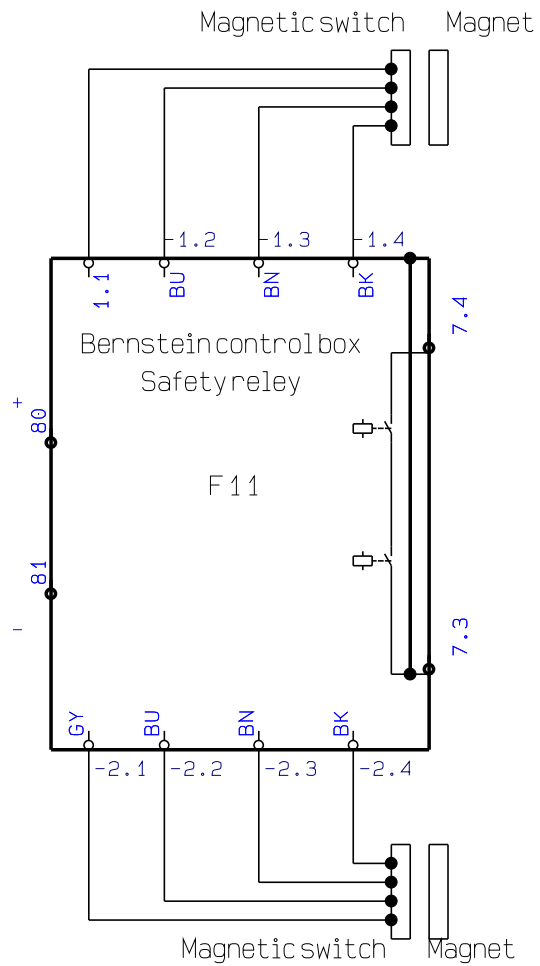
Baader IS-069 400V-480V

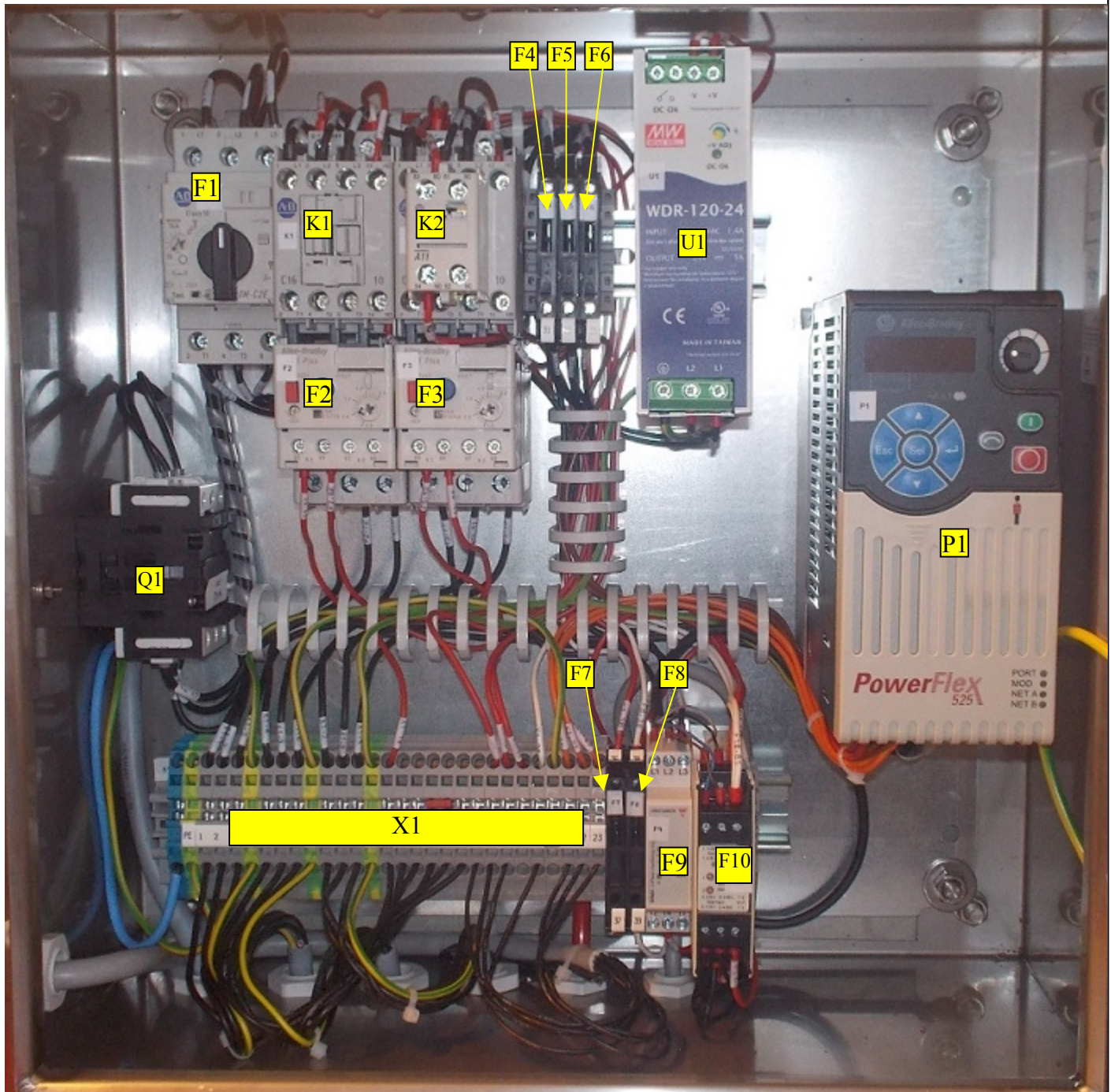
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Name	Part Number	Manufacturer	Manufacture Part Number	Position
Main Switch	07-6071685	Legrand	221230	Q1
Motor Switch	07-6064668	Alan Bradley	10-16A	F1
Power Supply	07-6065365	Mean Well	TRIO - PS/3AC/ 2-3/400 V. 24DC/5	U1
Contactora 24V DC	07-6061720	Alan Bradley	100-C 23 E 10 C	K1, K2
Current Limiter	07-6062265	Alan Bradley	2,0 A	F2, F3
Safety Relay	6392702307	Bernstein	6402052311	F10
Phase Monitor	07-DPA53CM48	Carlo Gavazzi	DPA 53	F9
Fuse Holder	07-3004100	Phönix	UK5 - HESI	F4 - F8
Terminal	N/A	Phönix	STI - 4	X1
Frequency Converter	07-6065135	Alan Bradley	2,2 KW 400 - 480 V.	P1

Page title: Mechanical layout

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Programming Vacon frequency converter for IS-069 400V 2,2 KW

- In the main menu press down arrow until P is shown on the screen
- To enter Parameter menu press OK
- To switch between parameters press up and down arrow

Note: To view all parameters it is necessary to put P17.2 to value 0

Parameters for IS-069 400V

Code	Parameter	Value
P1.1	Motor nominal voltage	400V
P1.2	Motor nominal Frequency	50 Hz
P1.3	Motor nominal speed	1440
P1.4	Motor nominal current	5,6A
P1.5	Motor cos	0,85
P1.7	Current limit	8,4A
P1.15	Torque boost	1
P2.1	Remote control place 1 selection	0
P2.2	Start function	0
P2.3	Stop function	1
P3.1	Min frequency	35 Hz
P3.2	Max frequency	70 Hz
P3.3	Remote control place 1 frequency reference selection	7
P3.4	Preset speed 0	5
P17.2	Parameter conceal	0

For other parameters refer to factory settings