

# Electrical drawing

## IS-693 230V

Page title: Front page

**Project title:** Baader IS-693 230V

**Project no.:** EL.IS-693.230V.R1

Filename: Baader IS-693 230V\_R1

Last correction: 7.5.2015

Constructor Guðbrandur

Designer Guðbrandur

Drawing Jón Valur

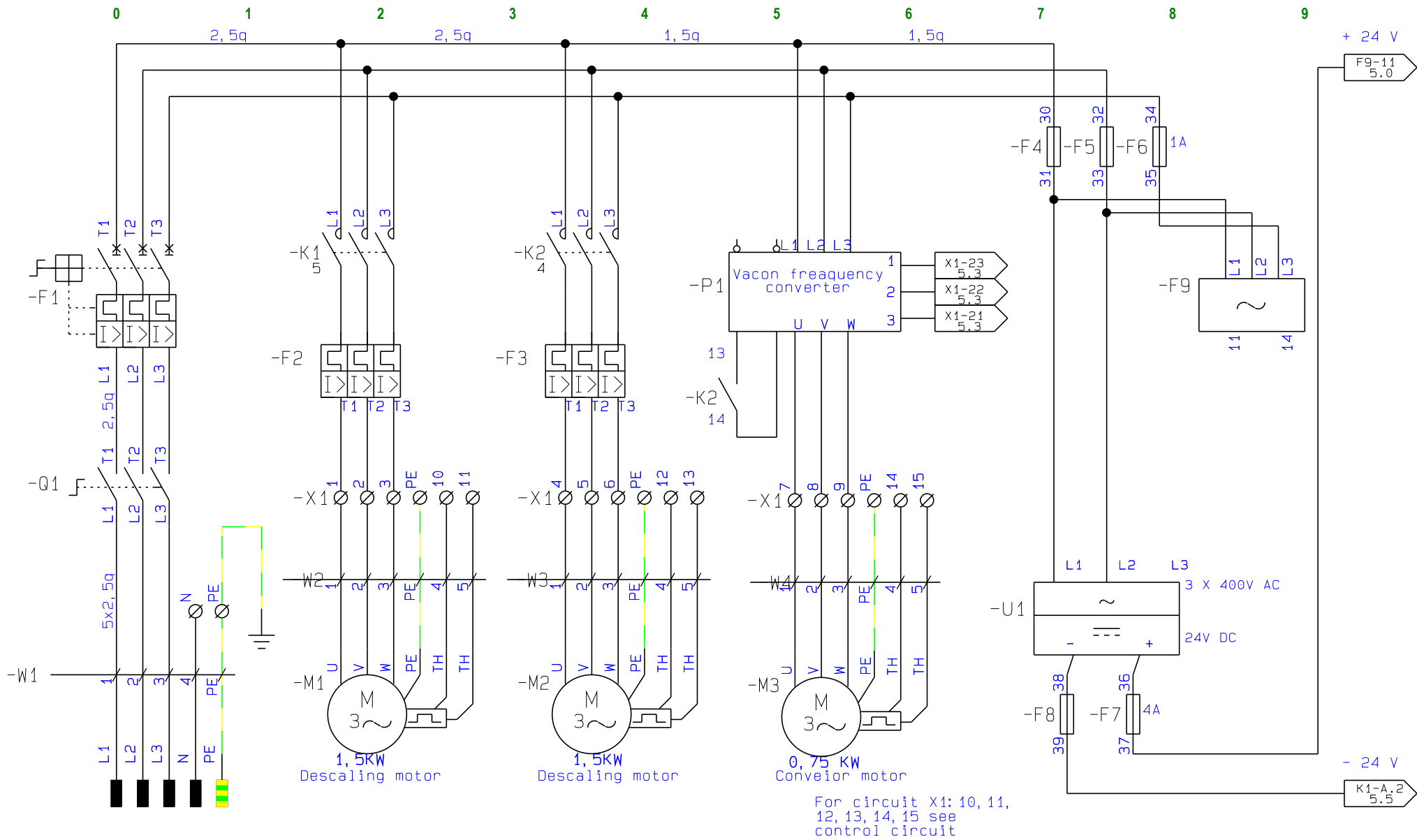
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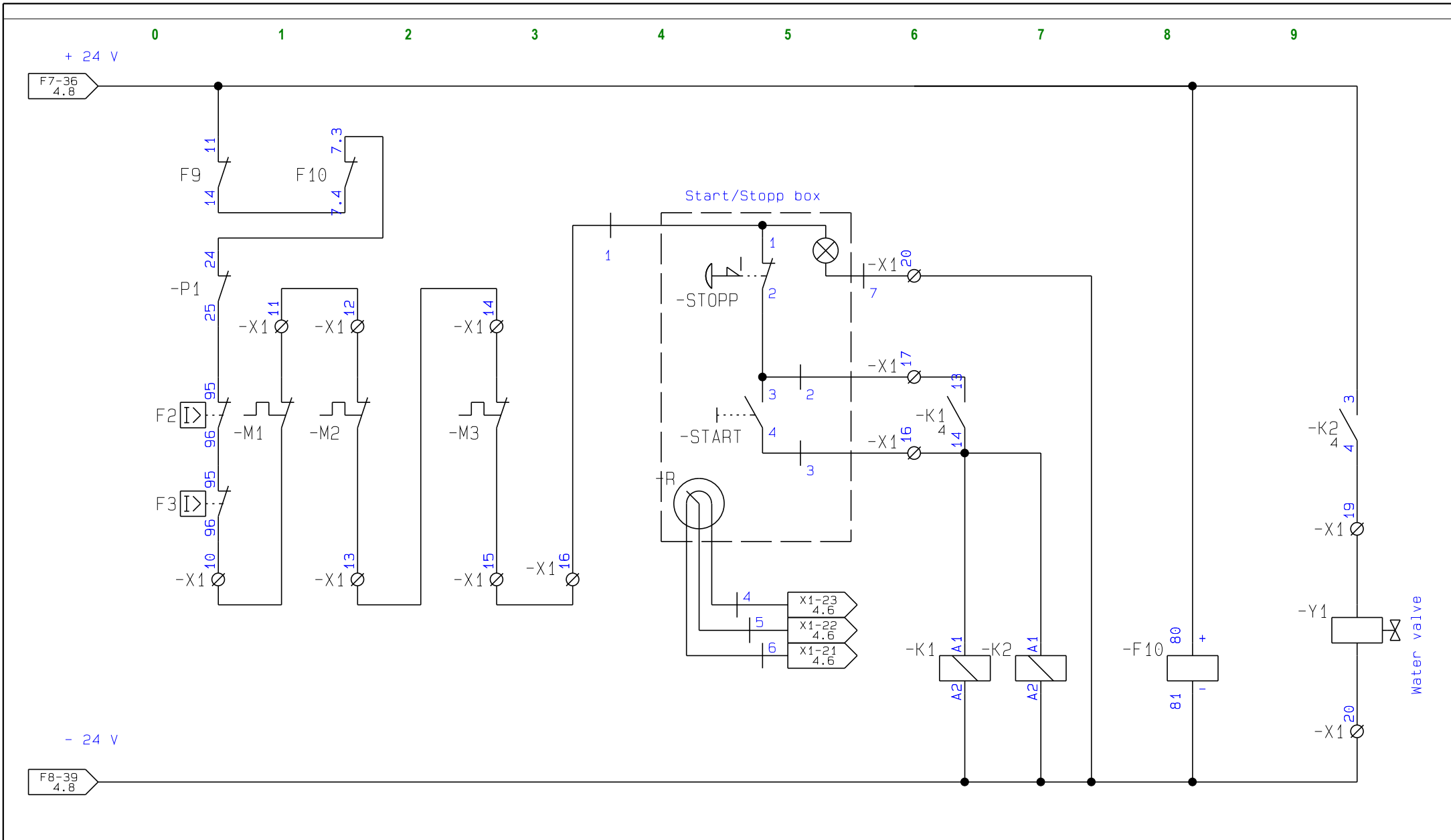
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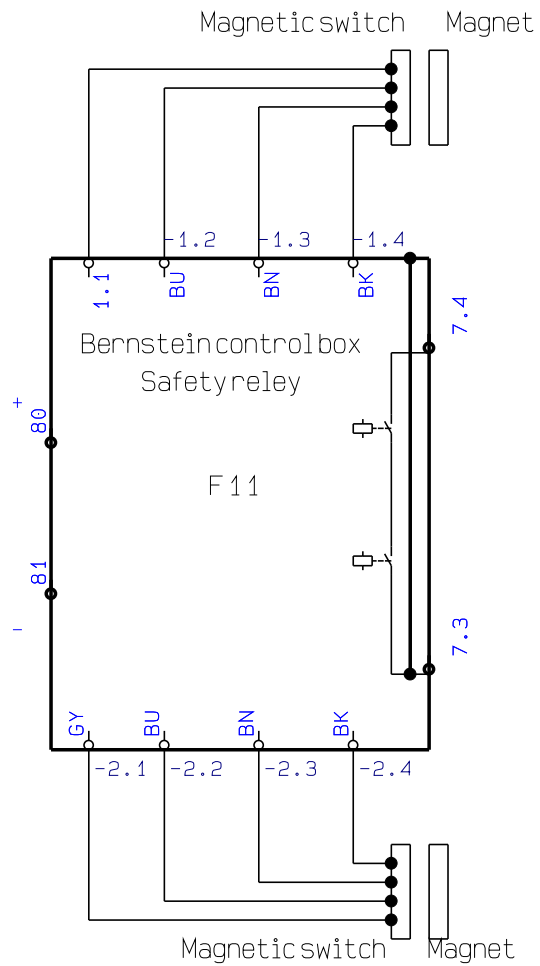
# Baader IS-693 230V

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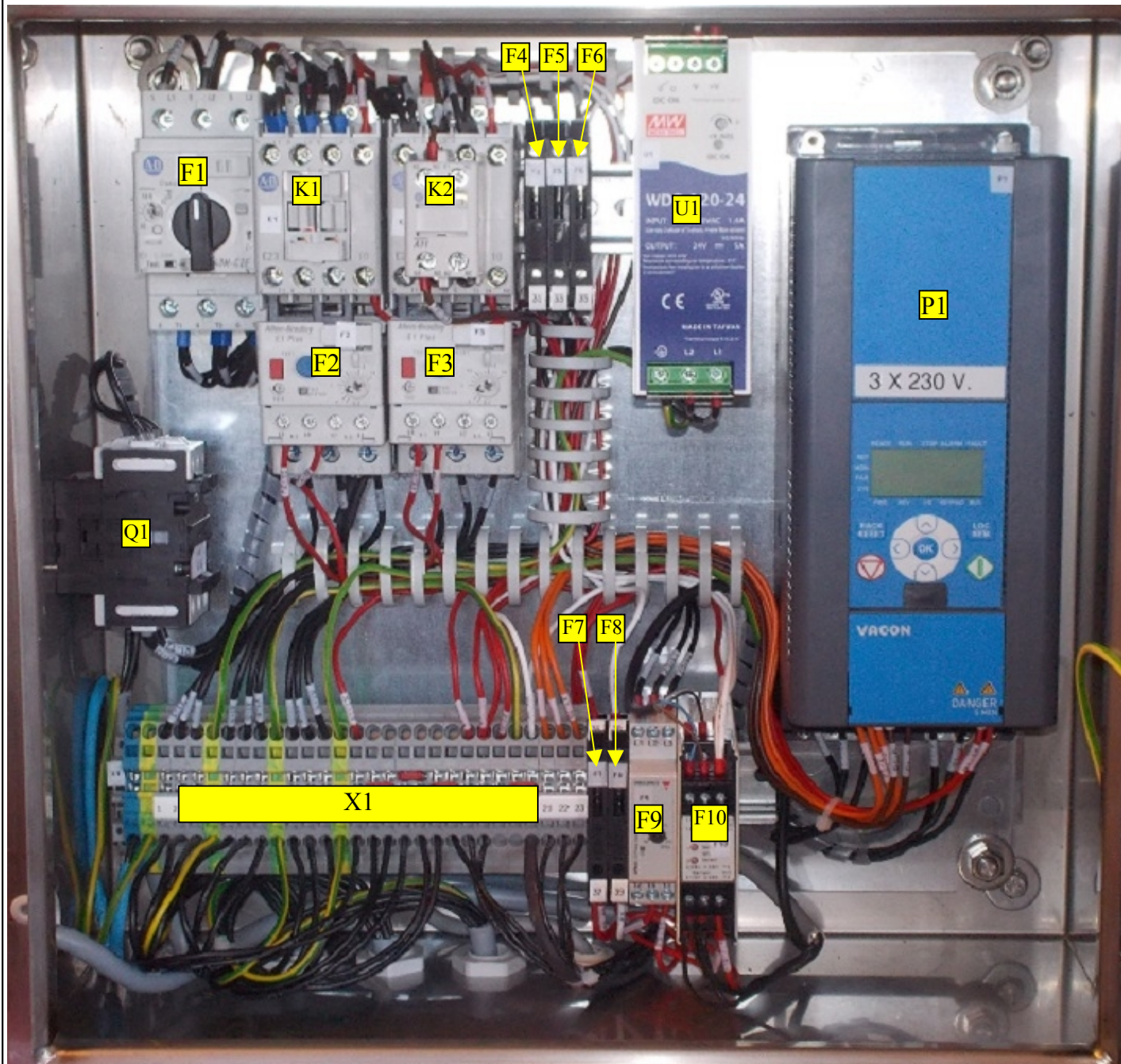








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<b>Page title:</b>	Bernstein circuit	<b>Designer</b>	Guðbrandur		
<b>Filename:</b>	Baader IS-693 230V_R1	<b>Drawing</b>	Jón Valur		



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	wdr 120/24 180-550 vac	U1
Contactora 24V DC	07-6061720	Alan Bradley	100-C 23 E 10 C	K1, K2
Current Limiter	07-6062266	Alan Bradley	3,2 - 16 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	07-6065680	Vacon	2,2 KW 230 V.	P1

Page title: Mechanical layout

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Constructor: Guðbrandur

Designer: Guðbrandur

Drawing: Jón Valur

## Programming Vacon frequency converter for IS-693 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