



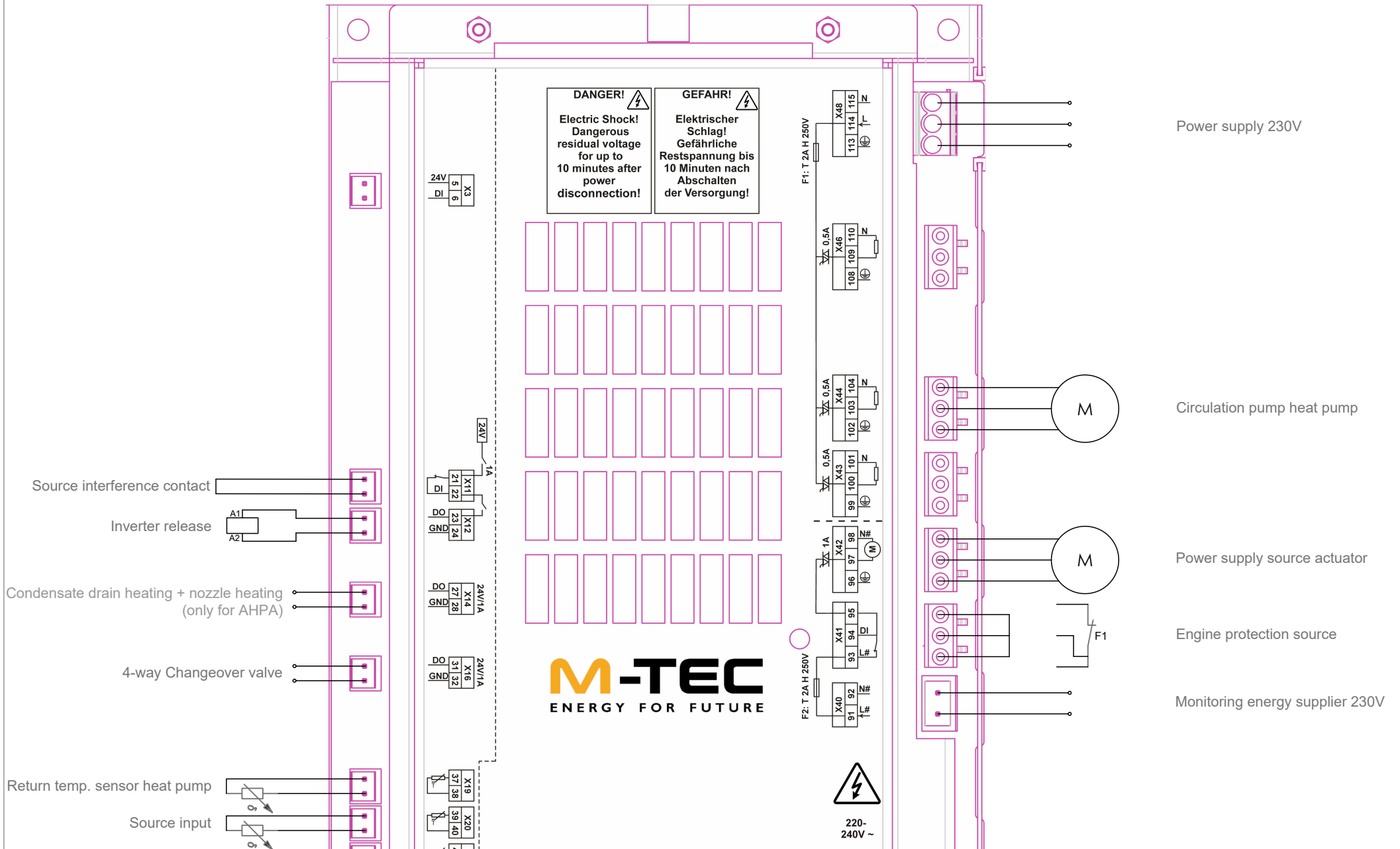
Wiring diagram

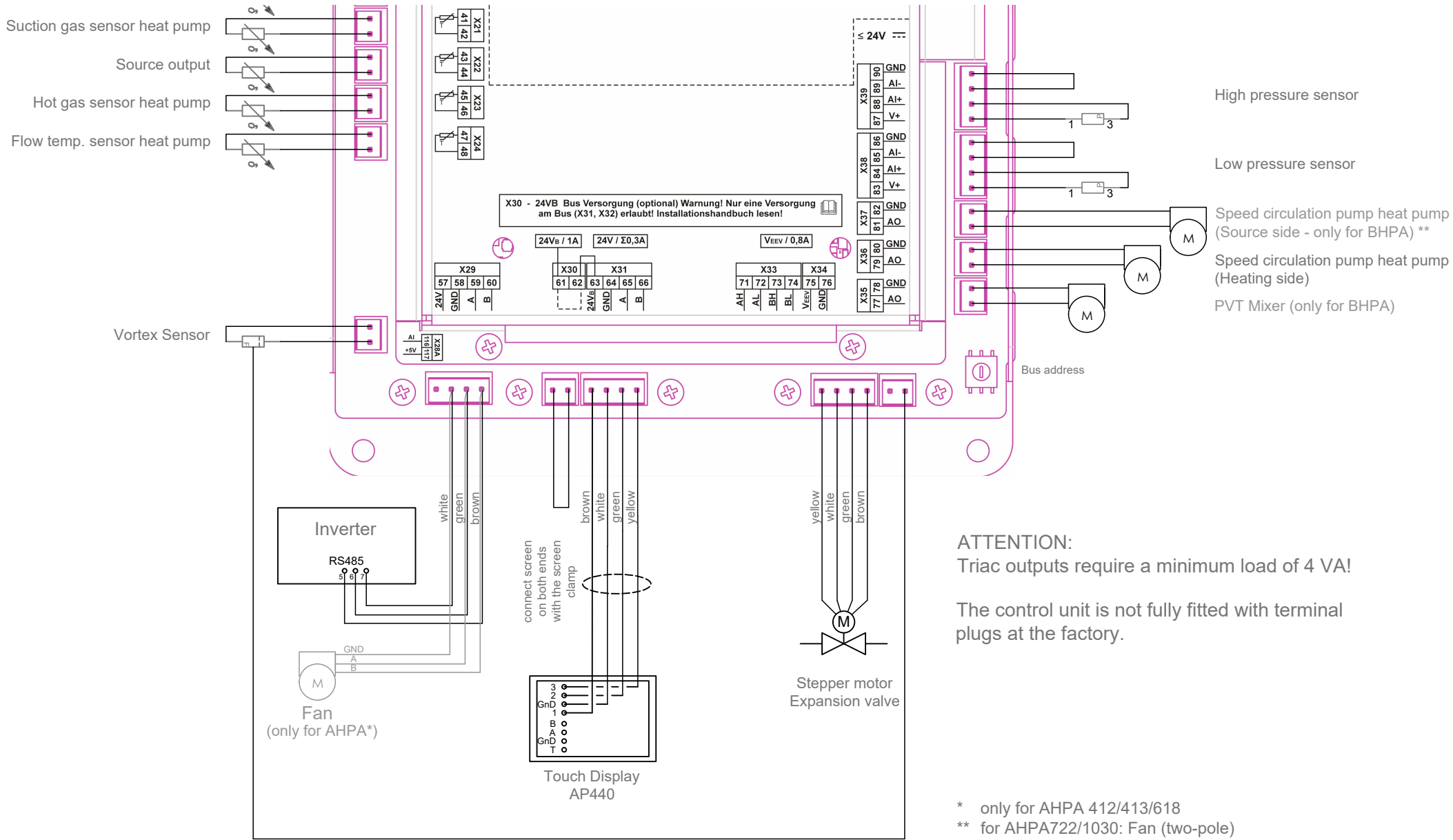
from software version 2.10

AHPA, AHPC, BHPA,
DHPA, WHPA
230V and 400V

Connectors mainboard CP022

AHPA, BHPA, DHPA, WHPA



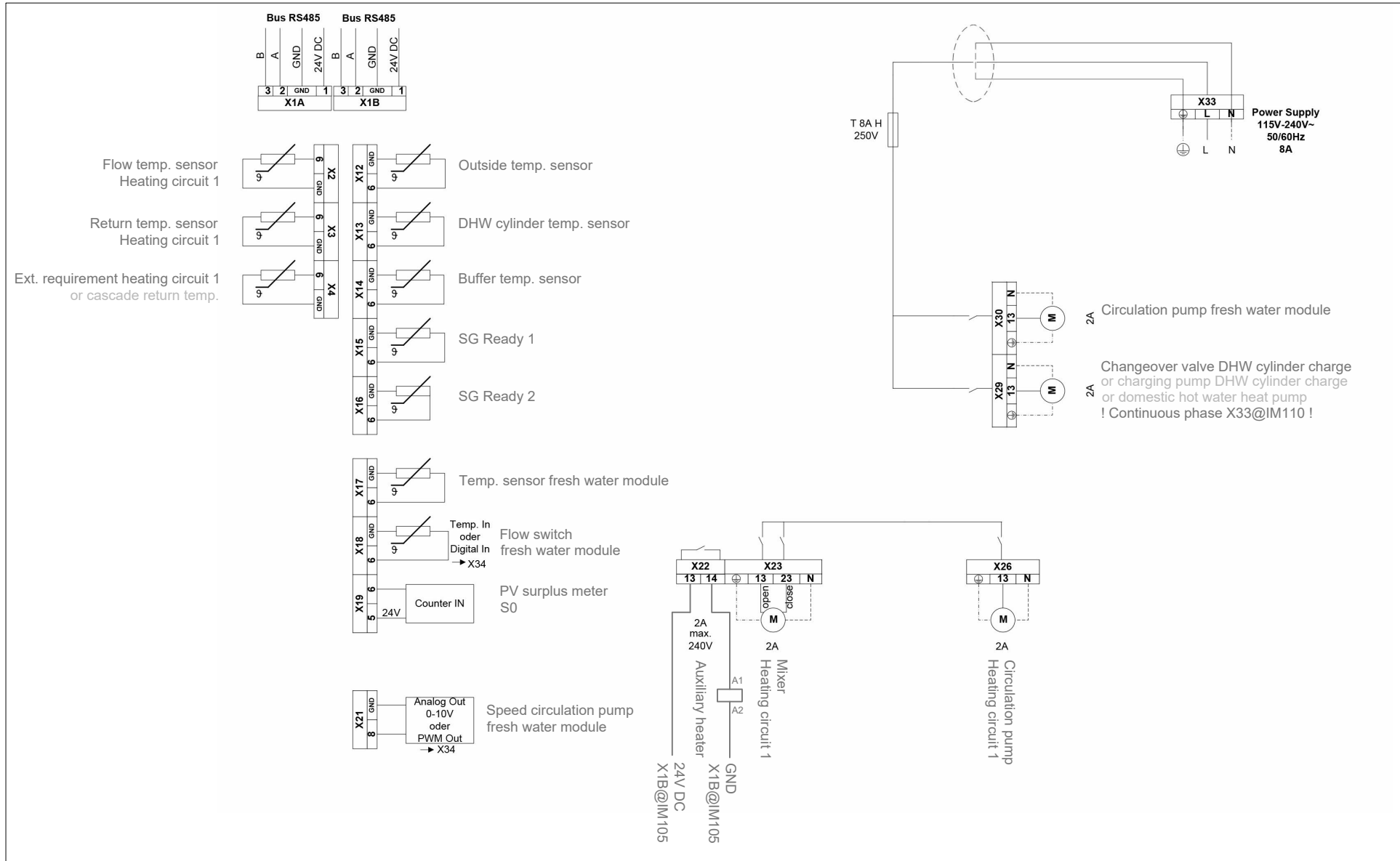


ATTENTION:
 Triac outputs require a minimum load of 4 VA!
 The control unit is not fully fitted with terminal plugs at the factory.

* only for AHPA 412/413/618
 ** for AHPA722/1030: Fan (two-pole)

Connectors heating circuit module IM105

I/O configurations: **IM105, IDU5-IM105, IDU6-IM105**



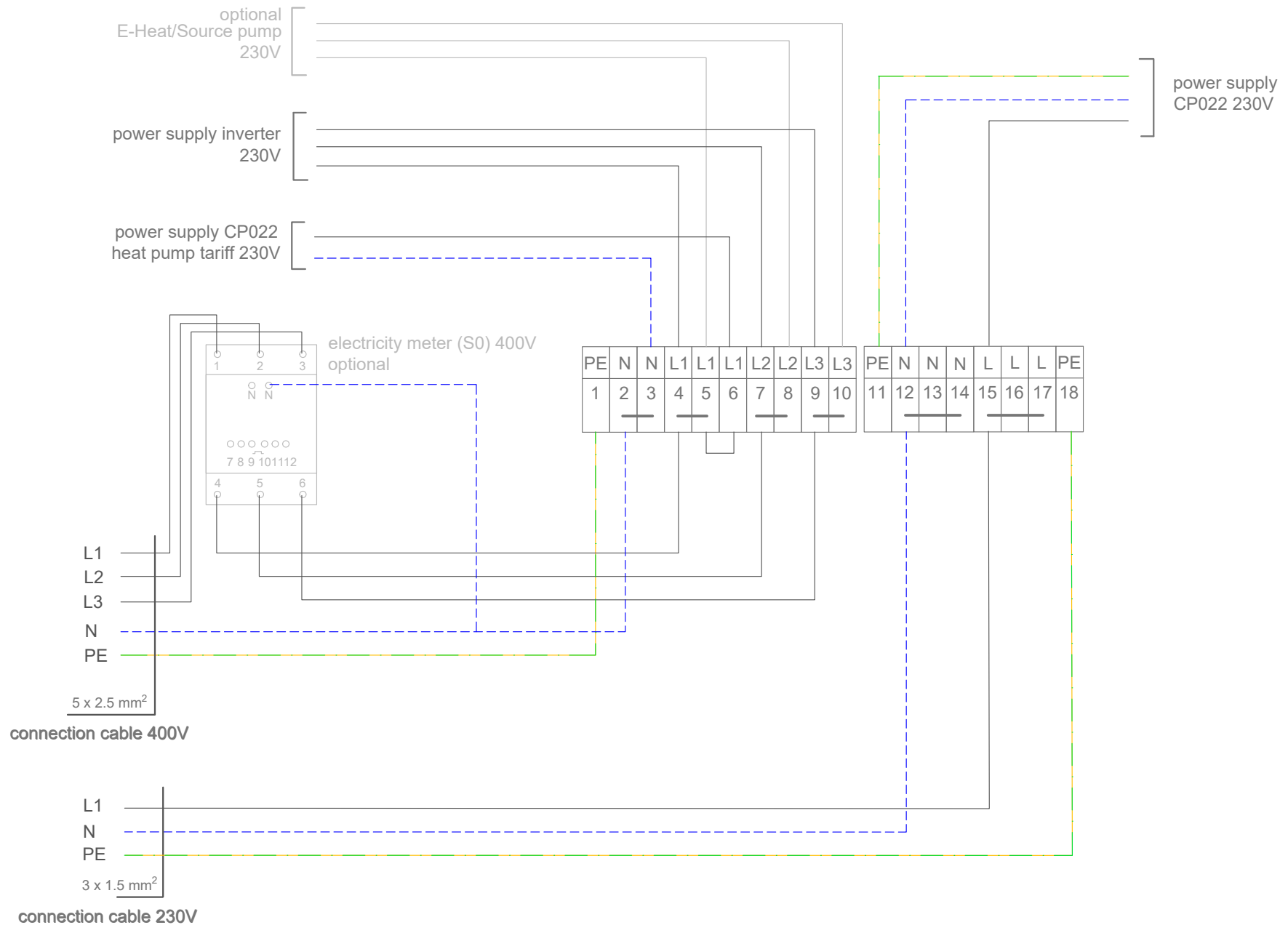
ATTENTION:

The IM105 module is fused with a total current consumption of 8A. This value must not be exceeded by the devices connected to the relay outputs (X22-X30)!

Auxiliary heater X22: Potential-free output - wire with 230V or 24V depending on the auxiliary heater

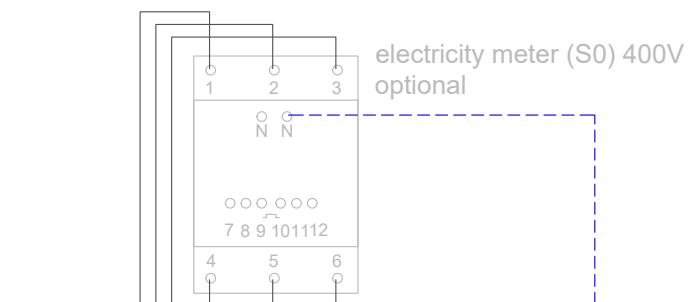
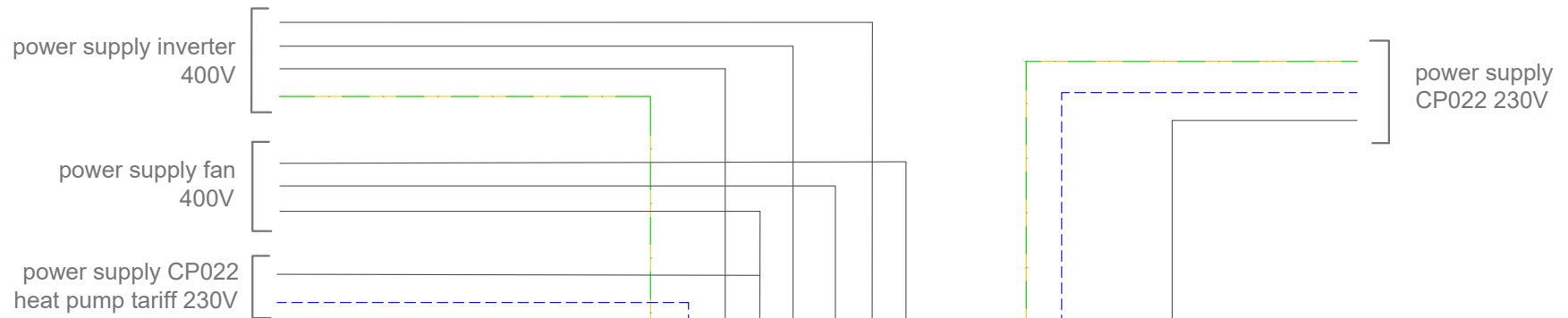
Terminal connection AHPA, BHPA, DHPA, WHPA 412 / 618

400V



Terminal connection AHPA 722 / 1030

400V



PE	N	L1	L1	L2	L2	L3	L3
1	2	3	4	5	6	7	8

PE	N	N	N	L1	L1	L1	L1	PE
11	12	13	14	15	16	17	18	19

L1
L2
L3
N
PE

5 x 2.5 mm²

connection cable 400V

L1
N
PE

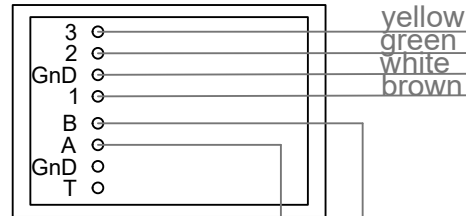
3 x 1.5 mm²

connection cable 230V

Terminal connection AHPC 27 / 412 / 618

230V

Touch Display
AP440



yellow
green
white
brown

connect screen on both
ends with the screen
clamp

green

yellow

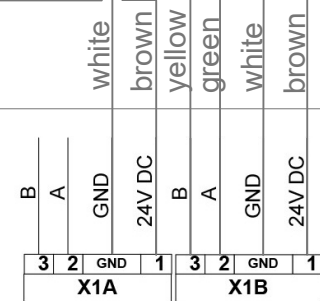
Terminal block

L	N	PE	1	2	[...]	19	20
1	2	3	4	5	[...]	23	24

A1	[...]	A6	24V	GND	A	B
1	[...]	6	7	8	9	10

L
N
PE

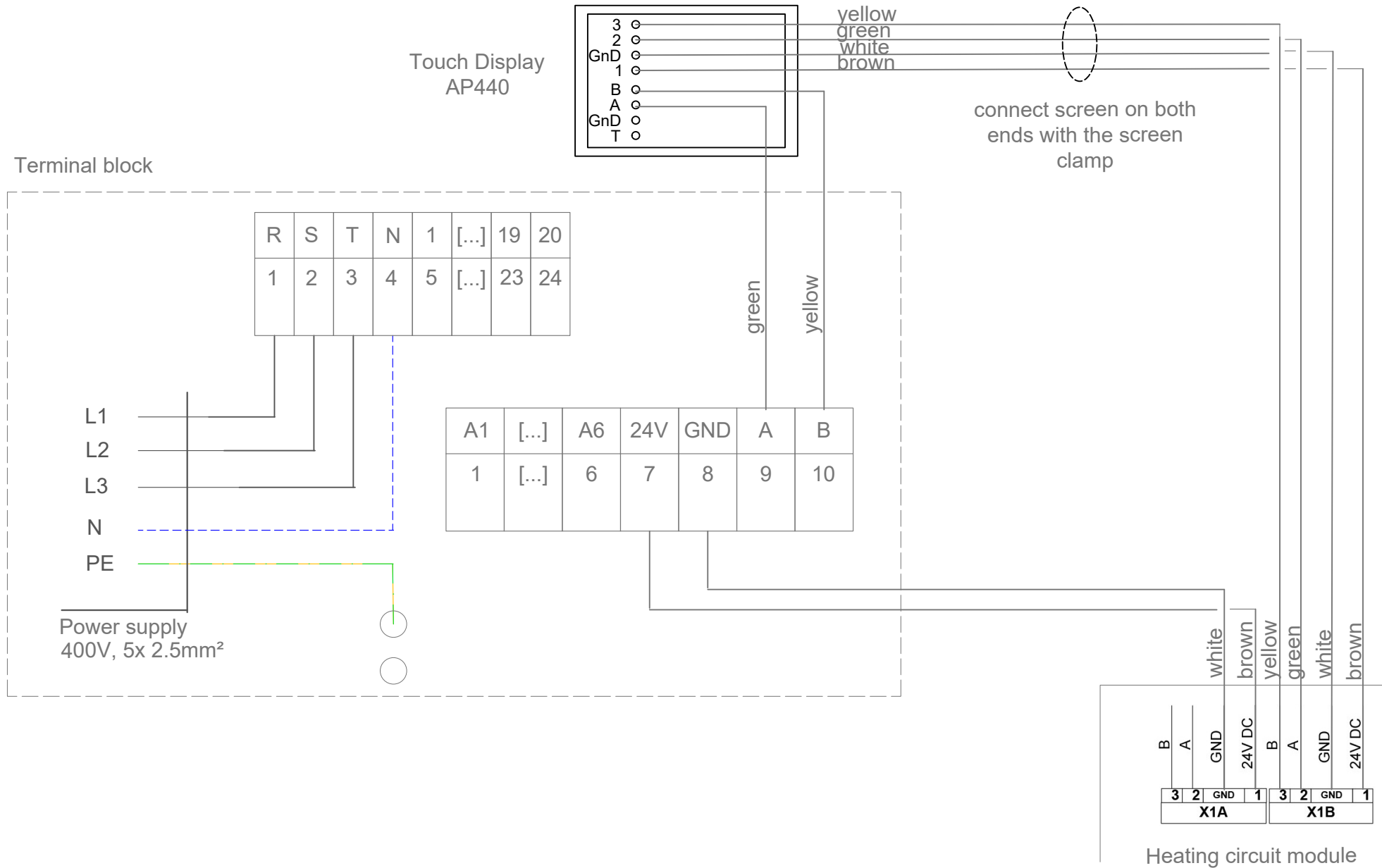
Power supply
230V, 3x 2.5mm²



Heating circuit module

Terminal connection AHPC 412 / 618

400V



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