

Note

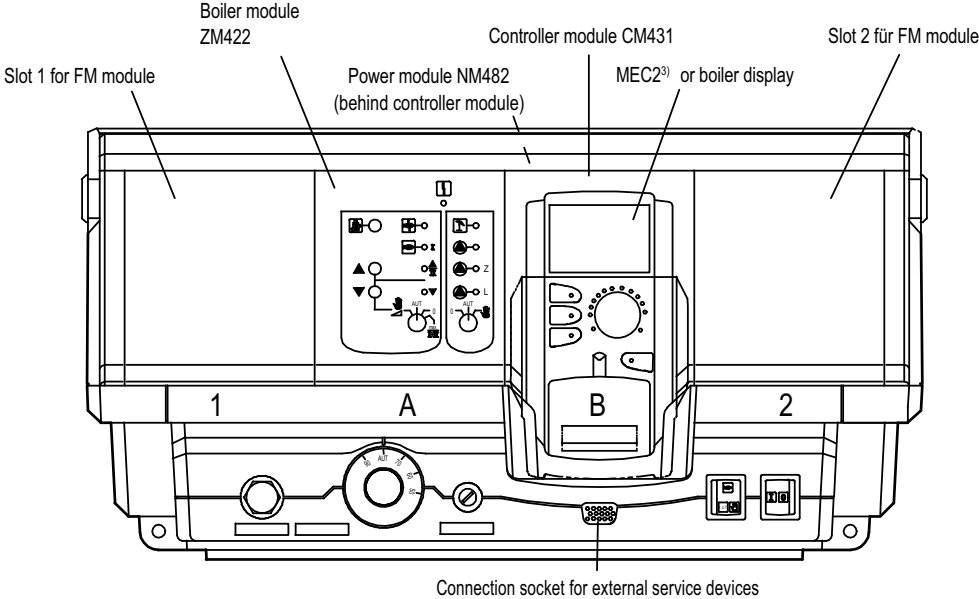
Implement the installation, fuse protection, mains isolator, emergency stop switches and protective measures in accordance with local regulations.

Please note! Never use the earth yel/gn conductor as control line.

Ensure the power is connected to the correct phases.

Never use plugs with earth contacts.

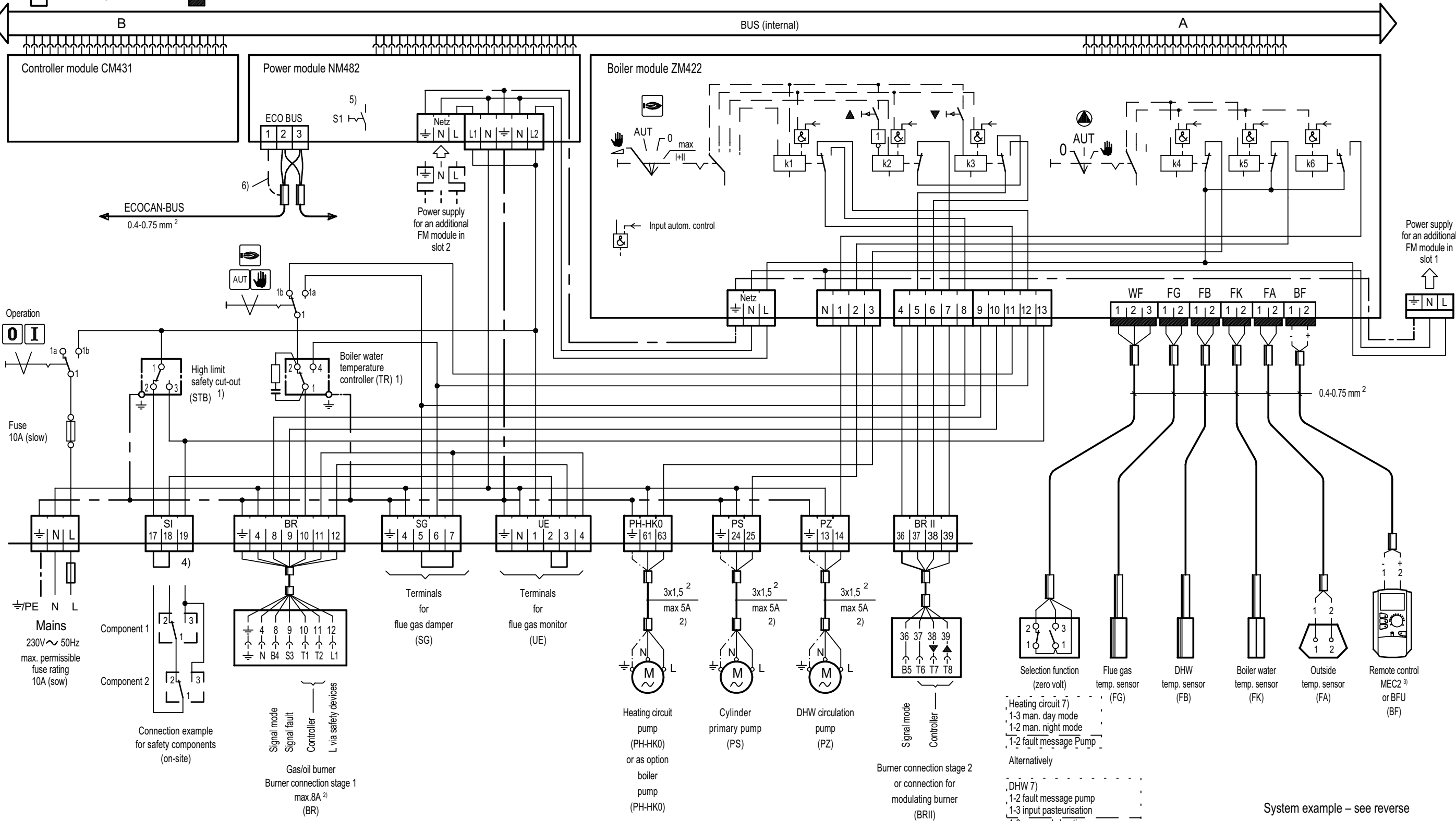
- 1) Contact opens when the selected temperature is exceeded.
- 2) The total current drawn must not exceed 10A.
Always adhere to this value and check it after commissioning to prevent equipment damage!
- 3) Please note! Only one MEC2 can be allocated to each control unit.
The MEC2 may be plugged into the controller module or be connected via the room installation set (accessory) to one of the ZM.. or FM.. modules.
- 4) Connection option for safety components.
- 5) When connecting several ECOCAN BUS components, close both S1 switches (terminators on the NM 482) of both outermost ECOCAN BUS subscribers.
- 6) A screen is not required for standard applications (connect the screen to one end only).
- 7) See also servicing instructions



Switching states

Switch position	Stage 1			Stage 2/ modulating		
	k1	k2	k3	(PH) k4	(PS) k5	(PZ) k6
0						
AUT	Control mode	Control mode hotter	Control mode colder	Control mode	Control mode	Control mode
max +						

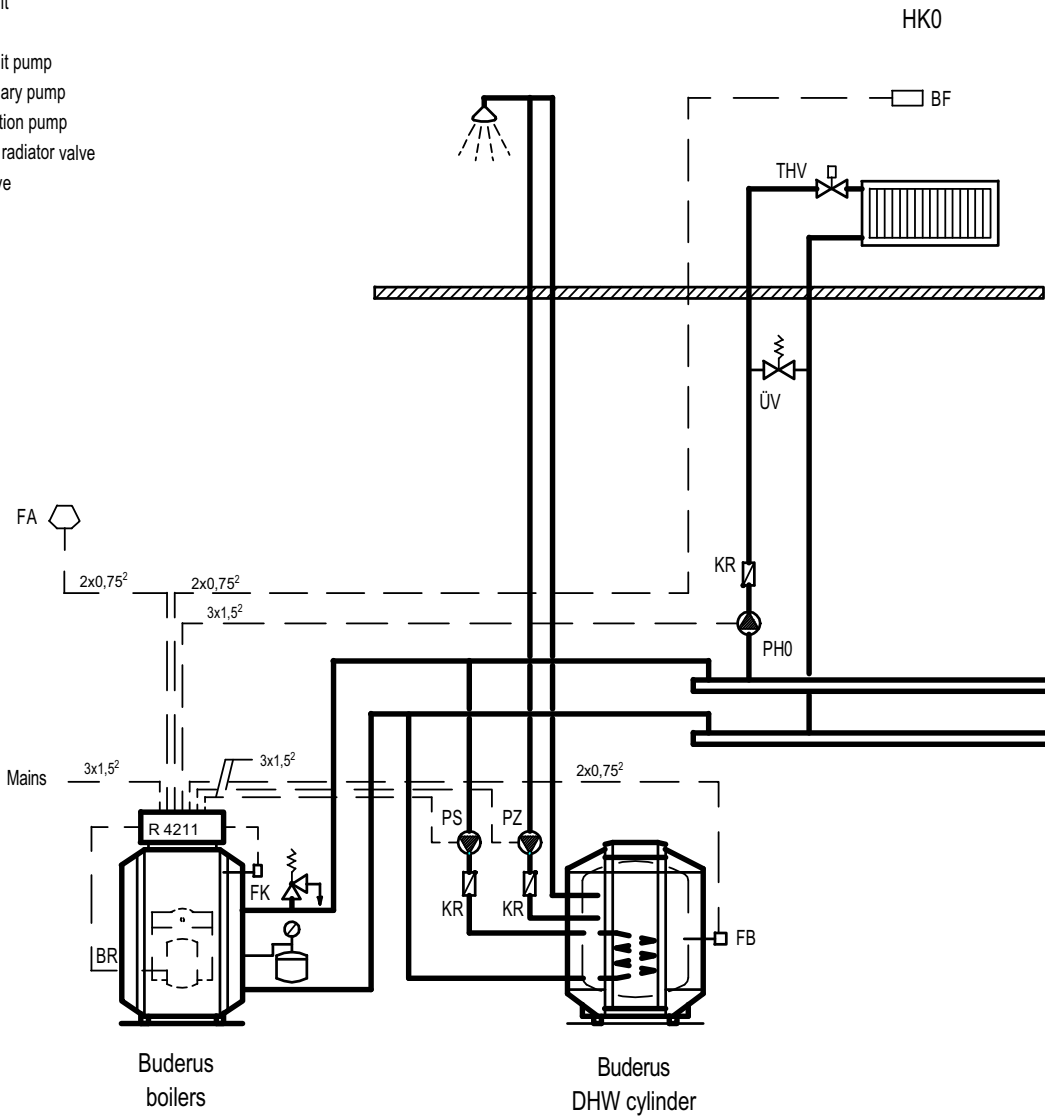
▲ = hotter
▼ = colder



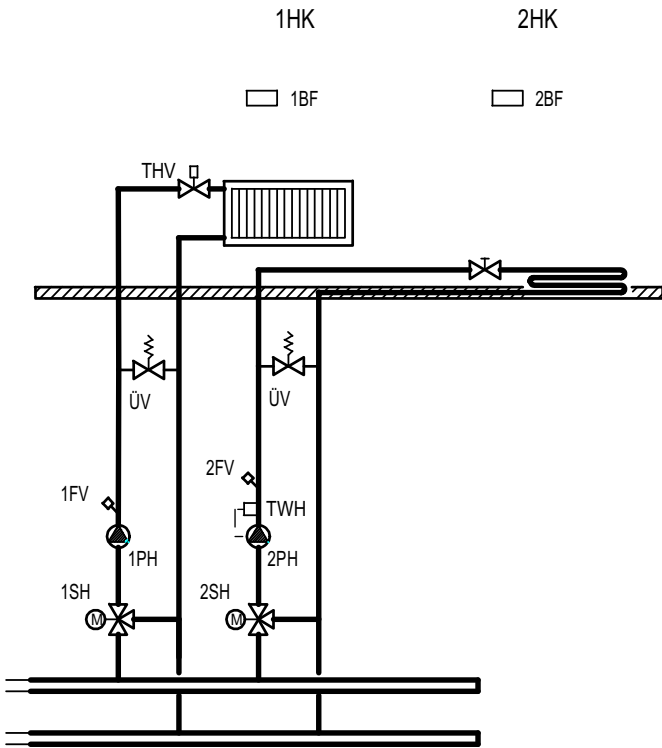
System example – see reverse

Legend:

- BF remote control MEC2 or BFU
- BR burner
- FA outside temperature sensor
- FB DHW temperature sensor
- FK boiler water temperature sensor
- FV flow temperature sensor
- HK heating circuit
- KR check valve
- PH heating circuit pump
- PS cylinder primary pump
- PZ DHW circulation pump
- THV thermostatic radiator valve
- ÜV overflow valve



System example with standard equipment level



1) No overflow valve required when using variable speed circulation pumps.

System example for optional extensions
e.g. with module FM442 (auxiliary equipment)