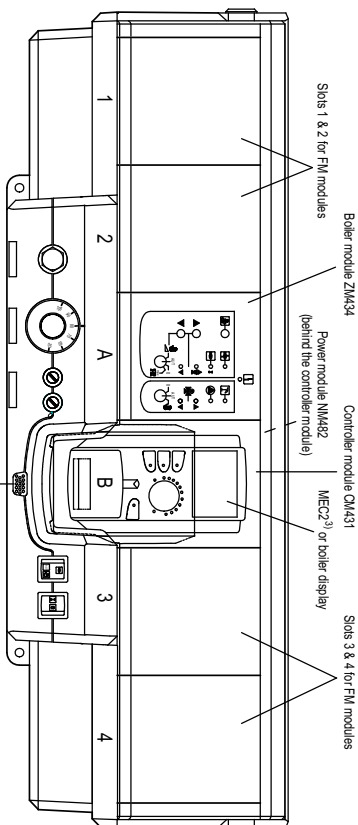


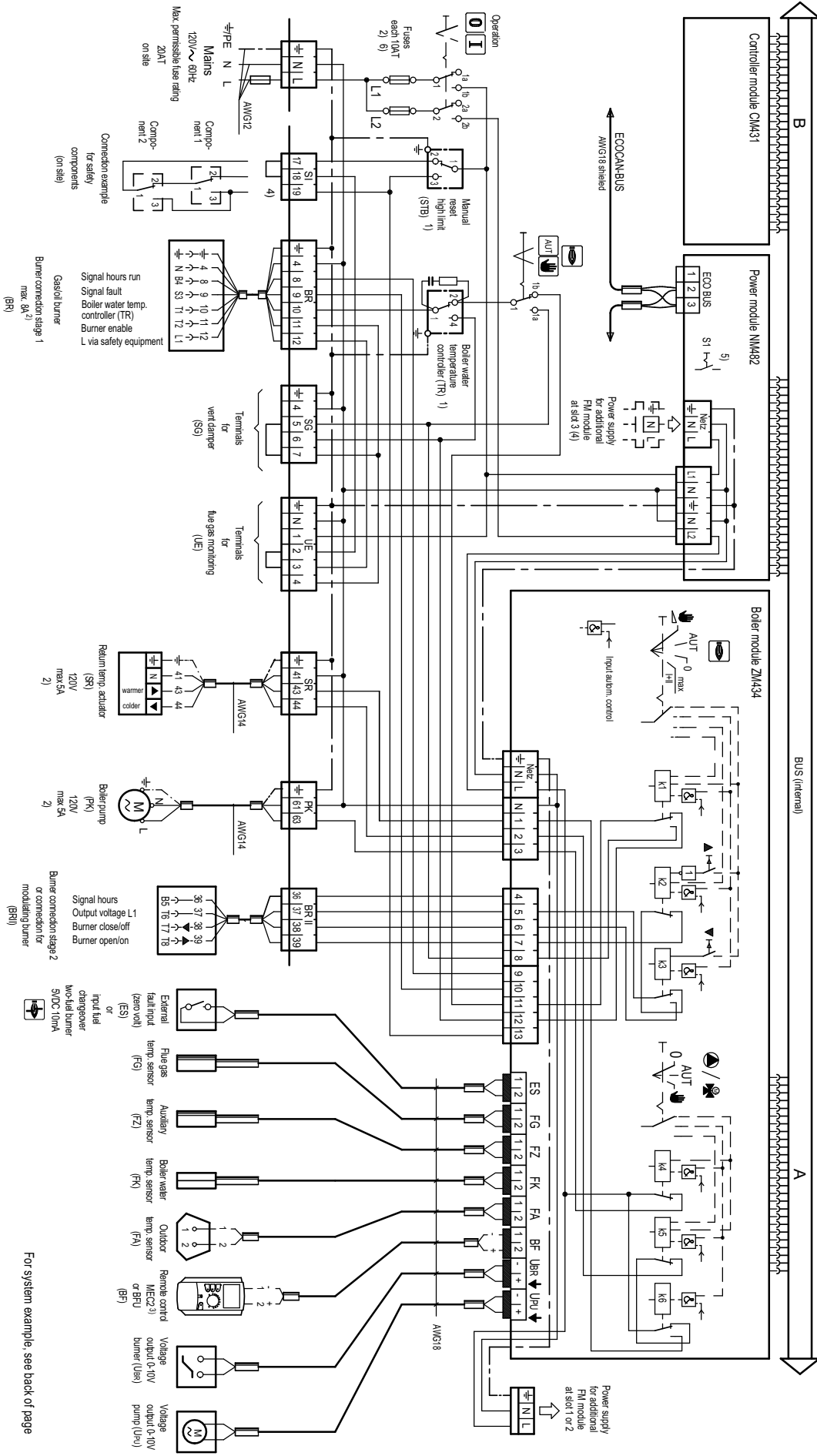
Notes

Installation, circuit breaker, main shutoff switch, emergency shutoff switch and protective measures in accordance with local regulations.
Please note! Never use ground wire (green/yellow) for controls purposes.
Verify that power is connected to the appropriate terminals.
This control must be hard wired.

- 1) Contact opens when the selected temperature is exceeded.
- 2) The total current for each power circuit (L1, L2) must not exceed 10A.
This value must be adhered to. Verify maximum current draw after start-up in order to avoid damage to the device!
- 3) Please note! Only one MEC23 can be allocated to each control panel.
The MEC23 can be plugged into the control panel or room wall-mounted using the wall installation kit (optional) wired to the 24V or FM module.
- 4) Terminal for optional external safety equipment. Interrupts the burner only!
- 5) When connecting multiple ECOCAN-BUS components, the S1 hook switches (termination on the NM482) of the two outermost ECOCAN-BUS services must be closed.
- 6) L1: fuse protection of the modules in slots 3 and 4
L2: fuse protection of the modules in slots 3 and 4



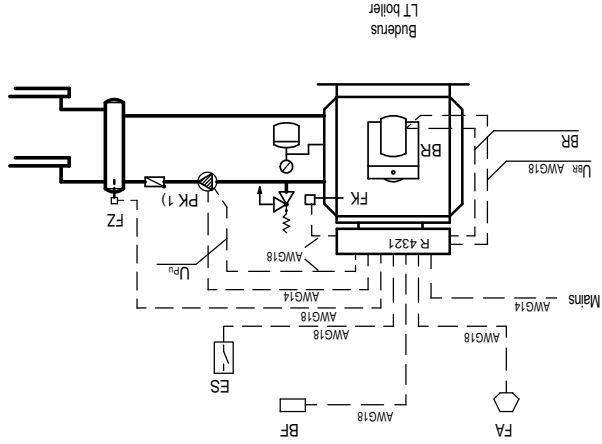
Switching states			
Switch position	Stage 1	Stage 2	Switch position
0	k1	k2	0
AUT	k1	k3	SR1
			SR2
			SR3
			SR4
			SR5
			SR6
			SR7
			SR8
			SR9
			SR10
			SR11
			SR12
			SR13
			SR14
			SR15
			SR16
			SR17
			SR18
			SR19
			SR20
			SR21
			SR22
			SR23
			SR24
			SR25
			SR26
			SR27
			SR28
			SR29
			SR30
			SR31
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			SR98
			SR99
			SR100



- Legend:
- BF remote control MEC2 or BFU
 - BR burner
 - ES external fault input (dry contact)
 - FA outdoor temperature sensor
 - FK boiler water temperature sensor
 - FZ auxiliary temperature sensor
 - PK boiler pump
 - SR return temperature actuator
 - U_{br} voltage output 0-10V pump
 - U_{br} voltage output 0-10V pump

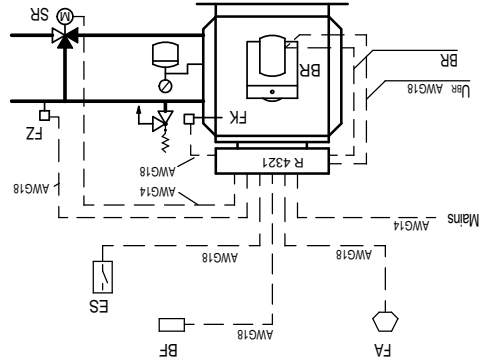
1) A boiler circuit pump may be controlled when using low loss headers. Terminal U_{br} only required for modulating boiler circuit pump (0-10V).

Example of connecting a low temperature boiler. Low temperature boilers require heating circuit actuators to control the operating conditions.



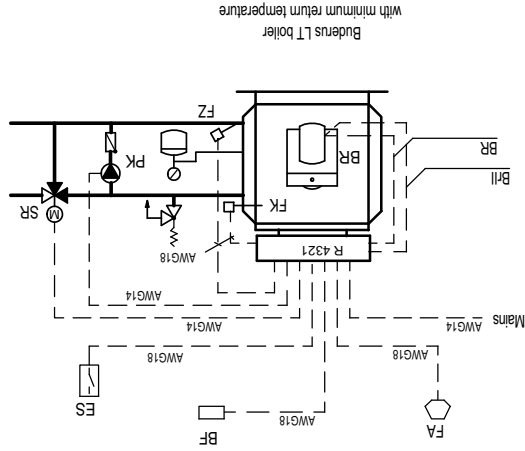
System example 3

Example of the connection of a Thermosteam boiler or LT boiler with base line temperature control via a separate boiler circuit actuator (SR).



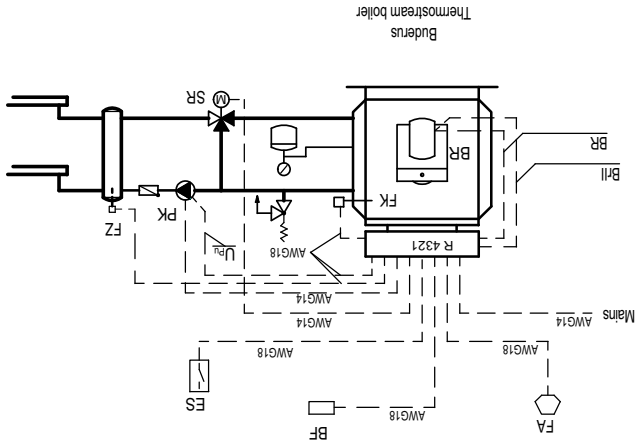
System example 1

Example for integration of boilers with return temperature control. Control via separate boiler actuator (SR).



System example 4

Example for integration of Thermosteam boilers. Control via boiler actuator. Terminal U_{br} only required for modulating boiler circuit pump.



System example 2