

## Extension module AGU 2.550

00RNO0149-#



# 1. WARNINGS AND RECOMMENDATIONS

## 1.1. Storage

The extension modules:

- must be arranged horizontally in a place where the temperature is between 0 °C and +50 °C and whose relative humidity is between 5% and 95%.
- must be protected from humidity.

## 1.2. Symbols used in this document



**INFORMATION:** This symbol draws attention to comments.



**IMPORTANT:** Failure to comply with these instructions may cause damage to the installation or to other objects.



**WARNING:** Failure to comply with these instructions may cause electrocution.

## 1.3. Safety instructions

Always remove the power supply to the boiler and shut off the overall gas supply to it before carrying out any work on it.

## 1.4. Requirements set out in regulations concerning installation

The installation and maintenance of the appliance must be done by a qualified professional, in accordance with the regulatory texts and current rules of the art, and in particular with the national and local standards applying to low-voltage electric systems.

## 1.5. Environmental compatibility



This appliance contains electrical and electronic elements which must not be thrown away with household waste.  
Local legislation must be complied with.

## 2. SUPPLY

The accessory is made up of:

- one AGU 2.550 extension module
- communication bus wiring
- power supply wiring with a terminal block
- earth wiring with a terminal block mounted on fastener
- one 6-pole signal connector
- one heating output sensor

## 3. INSTALLING THE EXTENSION MODULE



**WARNING:**

Always check that the electric power supply is switched off before working on the boiler.

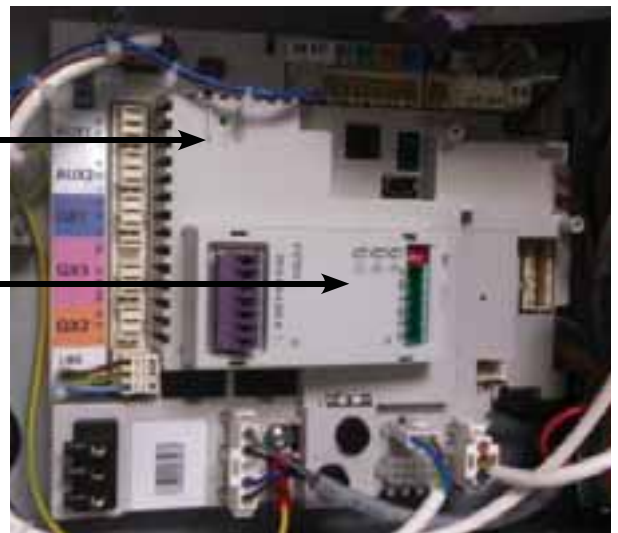
### 3.1. Extension module number 1

If the boiler is equipped with a single extension module, then it is mounted on the NAVISTEM B3000 boiler controller.

- Remove the front cover of the boiler.
- The NAVISTEM B3000 boiler controller is on the left of the boiler.
- Clip the extension module onto the NAVISTEM B3000.

NAVISTEM B3000

AGU 2.550  
(number 1)



### 3.2. Extension module number 2

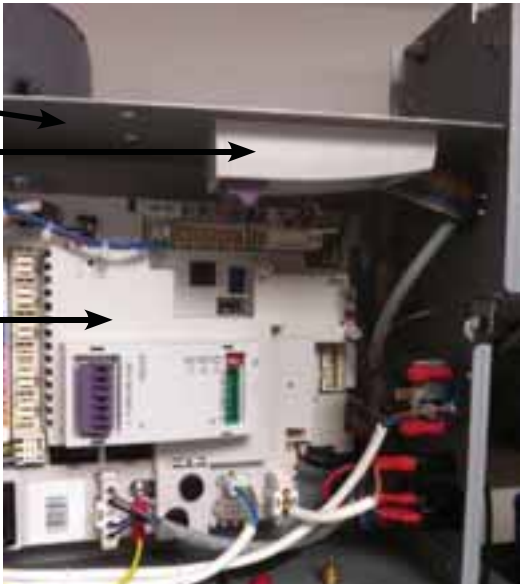
If the boiler is equipped with a second extension module, then it is mounted on the chassis above the NAVISTEM B3000.

- Remove the front cover of the boiler.
- The NAVISTEM B3000 boiler controller is on the left of the boiler.
- Clip the extension module onto the chassis.

Chassis

AGU 2.550  
(number 2)

NAVISTEM B3000



### 4. INSTALLING THE EARTH TERMINAL

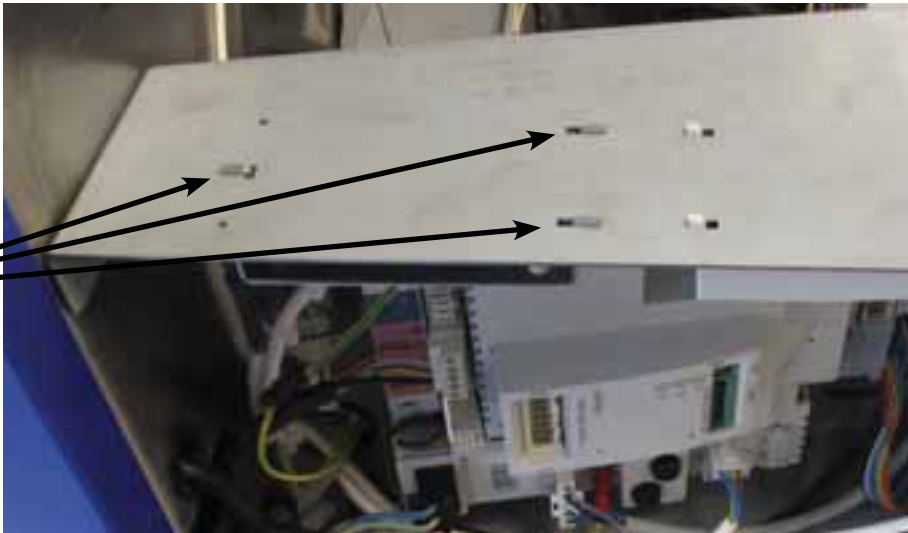
- Install the fastener with the earth wire on the chassis and fold the three tabs to hold it in place.

Chassis

Fastener with  
earth wire



Tongues



## 5. ELECTRICAL CONNECTION

### 5.1. Cable sections

The following cable sections are given for information purposes only and do not exempt the installer from checking that these sections correspond to the requirements and comply with the prevailing standards.

If a cable is damaged, it must be replaced by the manufacturer, its after-sales service or any suitably qualified person, in order to avoid any danger.

This appliance is designed to operate under a nominal voltage of 230 V +10% / -15%, 50 Hz.

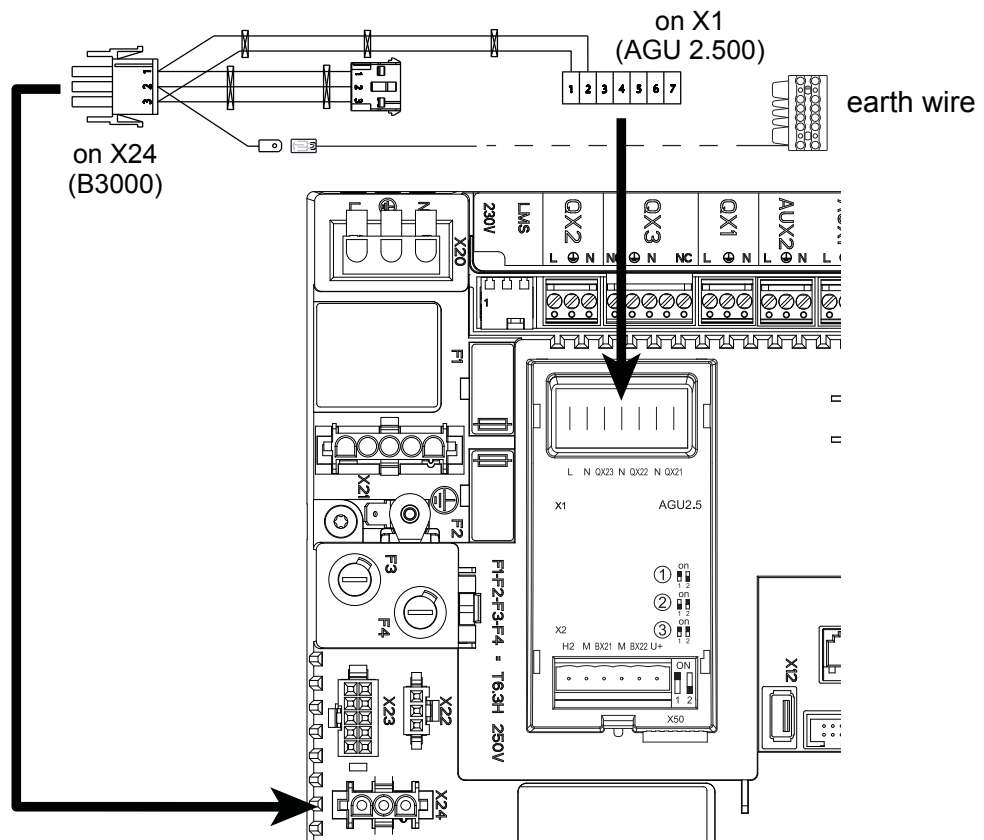
Cable	Copper conductors section	Cable tray
Power supply	supplied	High current
Communication bus	supplied	Low current
Valve	4 G 1.5 mm <sup>2</sup> (1A maxi)	High current
Circulation pump	3 G 1.5 mm <sup>2</sup> (1A maxi)	High current
Sensors	2 x 0.5 mm <sup>2</sup>	Low current
"0...10V" input / "All or nothing"		

To limit the risk of cables becoming detached, please use the cable clamps on the boiler.

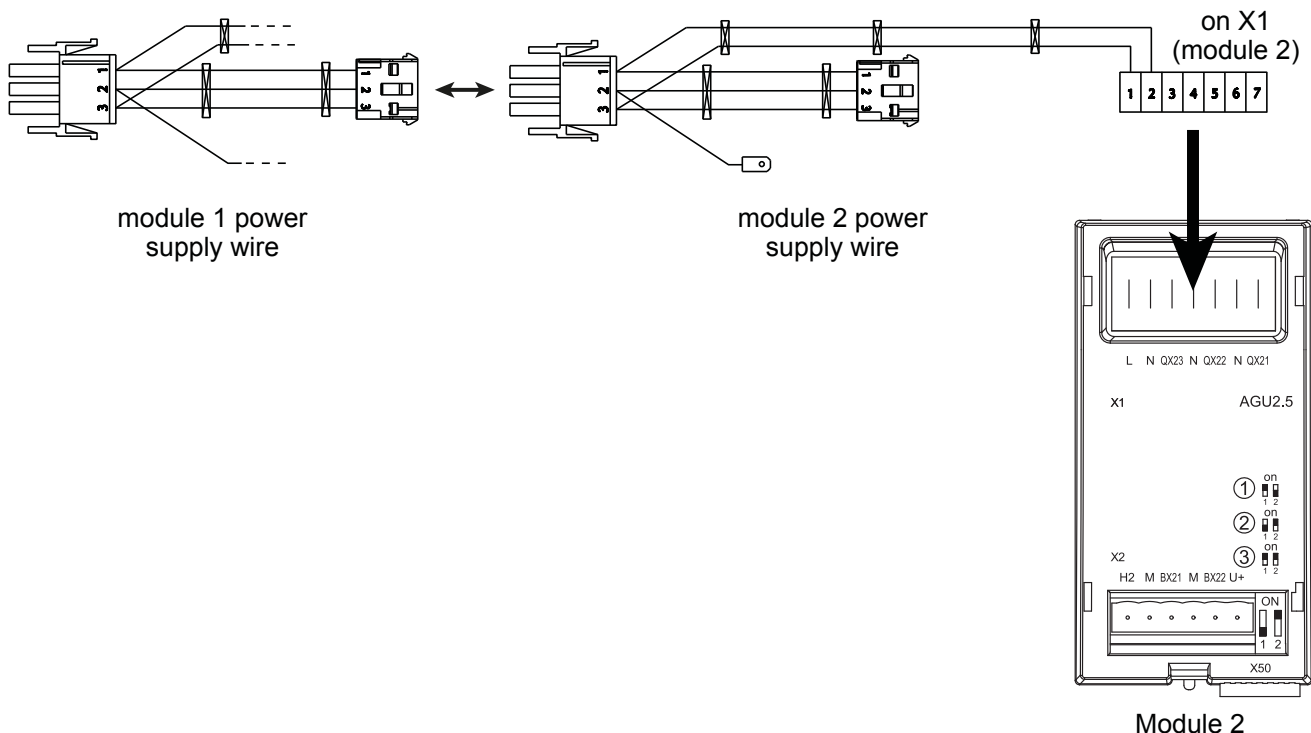
### 5.2. Electric connections to terminals

#### 5.2.1. Power supply terminals

1<sup>st</sup> module:

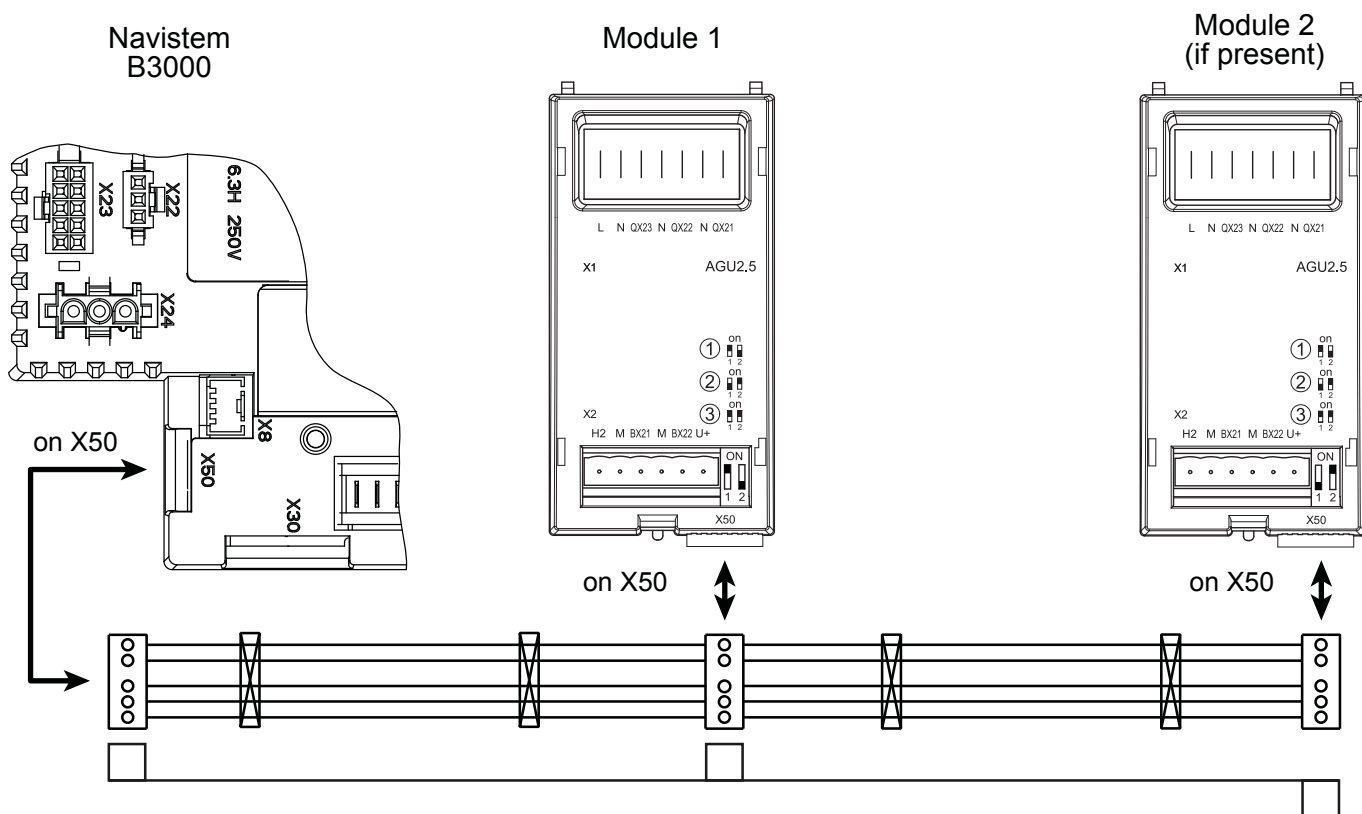


**2<sup>nd</sup> module (if present):**



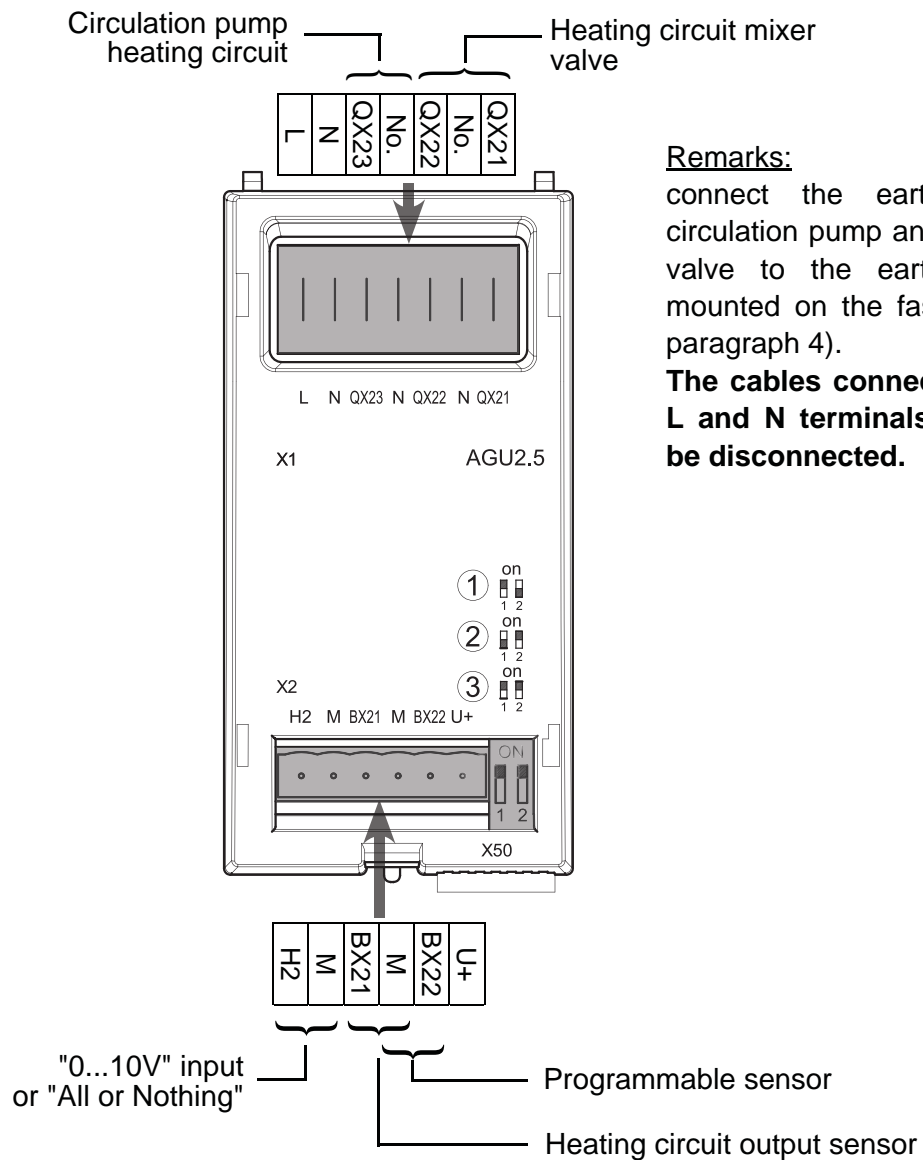
**INFORMATION:** The earth wire with a terminal supplied with the second module is not used. The earth wire of the power supply wiring of module 2 is not connected.

**5.2.2. Communication bus terminal**



### 5.2.3. Boiler element terminals

- Install the 6-pole terminals on the X2 connectors of each AGU 2.550 module present.
- Connect the heating elements.



## 6. CONFIGURATION

The configuration is explained in the documentation supplied with the boiler.

The switches on the module are used to define the addresses of the module:

