

## Cylinder demand terminal box

for the Vitodens 100-W

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### Safety instructions



**Please follow these safety instructions closely to prevent accidents and material losses.**

Installation, initial start-up, inspection, maintenance and repairs must only be carried out by a competent person (heating engineer/installation contractor).

Before working on the equipment/heating system, isolate the power supply (e.g. by removing a separate mains fuse or by means of a mains isolator) and safeguard against unauthorised reconnection.

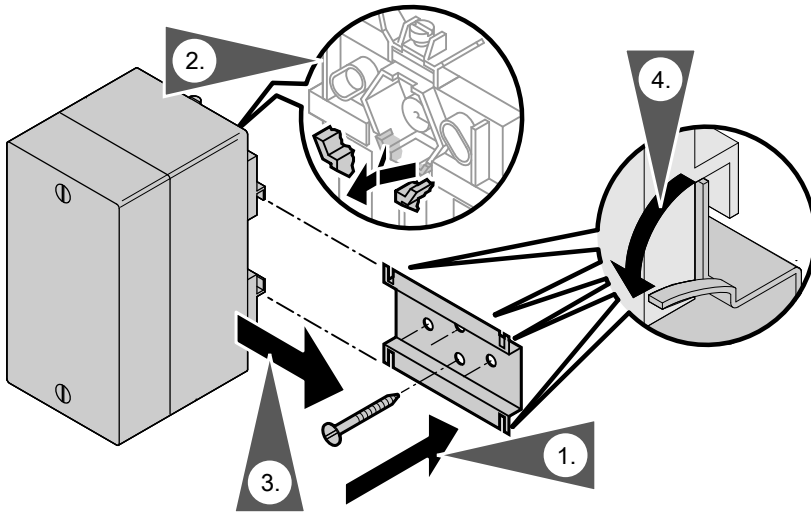
When using gas as fuel, also close the main gas shut-off valve and safeguard against unauthorised reopening.

Repairing components which fulfil a safety function can compromise the safe operation of your heating system. For replacements, use only original spare parts supplied or approved by Viessmann.

### Function

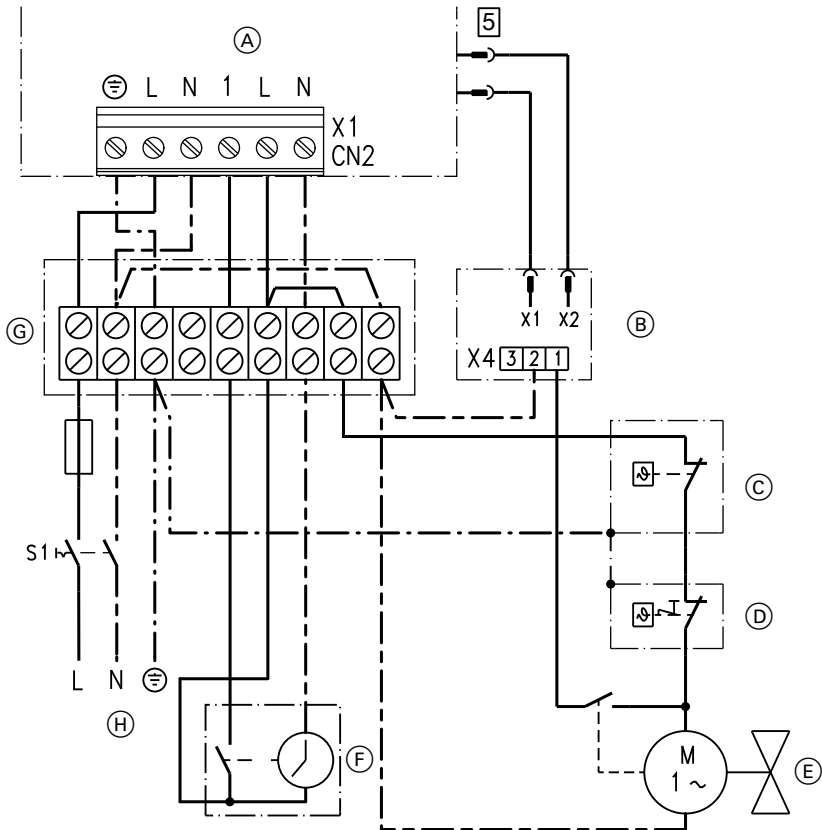
The heat demand issued by the cylinder thermostat is transferred via the terminal box to the boiler control unit.

## Fitting the terminal box



1. Secure the mounting bracket to the wall.
2. On the back of the casing, break off the knock-out sections with pliers.
3. Push the casing onto the wall mounting bracket.
4. Bend the tabs into the wall mounting bracket.

## Electrical connections



- (A) Terminals in the control unit
- (B) Cylinder demand terminal box
- (C) Cylinder thermostat
- (D) High limit safety cut-out
- (E) Valve
- (F) Room thermostat (clock thermostat)
- (G) Terminal box (on site)
- (H) Power supply 230 V, 50 Hz

1. Remove cover of terminal box (B).
2. Make on-site wiring to X4.1 and X4.2 in terminal box (B) according to the connection diagram.  
Apply the strain relief to the cable.
3. Refit cover of terminal box (B).

## Electrical connections (cont.)

4. Connect the cable from terminal box **(B)** to plugs **(5)** of the cable harness inside the boiler.



Boiler installation instructions

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