

Installation instructions

for contractors

VIESSMANN

Cascade communication module

Part no. 7441 586

Safety instructions



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

Safety instructions explained



Please note

This symbol warns against the risk of material losses and environmental pollution.

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.

Application

Communication module for installation in Vitotronic 100, type HC1... to enable control units in a multi boiler system to communicate with one another.

Installation of the communication module



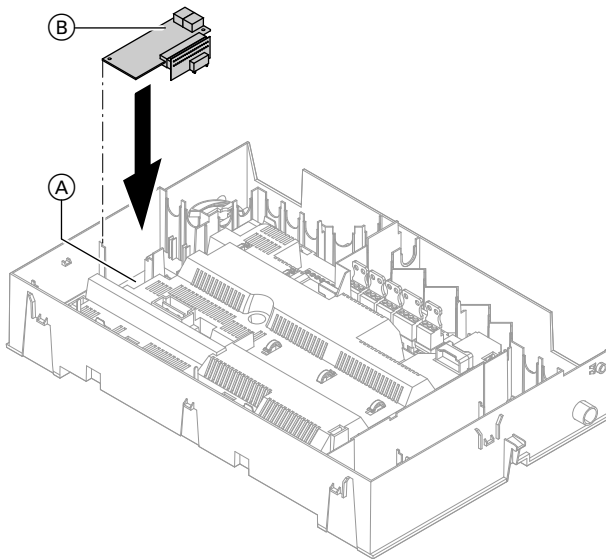
Please note

Electronic assemblies can be damaged by electrostatic discharge.

Before beginning work, touch earthed objects, such as heating or water pipes, to discharge static loads.



To open the control units, see the relevant separate installation and service instructions.



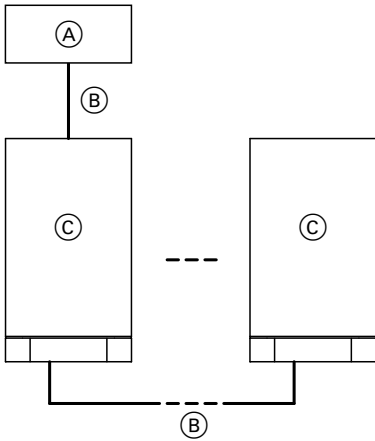
Ⓐ Main PCB

Ⓑ Cascade communication module

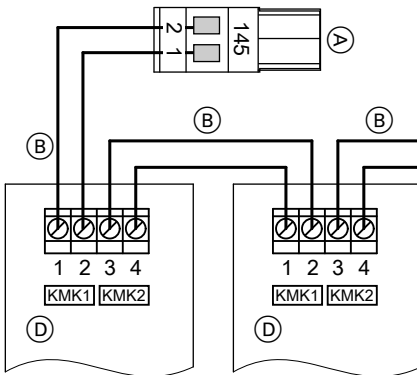
Connecting the Vitotronic 100 and Vitotronic cascade control unit

The cascade communication module must be fitted into all Vitotronic 100.

Connecting the Vitotronic 100 and Vitotronic... (cont.)



- (A) Vitotronic cascade control unit
- (B) 2-core cable (cross-section $2 \times 0.5 \text{ mm}^2$, total length 50 m)
- (C) Boiler with Vitotronic 100 (max. 8 devices)



- (A) Plug 145 to the Vitotronic cascade control unit
- (B) 2-core cable (cross-section $2 \times 0.5 \text{ mm}^2$, total length 50 m)
Cores are interchangeable.
- (D) Terminal strip on the cascade communication module in the Vitotronic 100

Commissioning and adjustment



Service and installation instructions and service instructions for the relevant appliance

Viessmann Werke GmbH&Co KG
D-35107 Allendorf
Telephone: +49 6452 70-0
Fax: +49 6452 70-2780
www.viessmann.com

Viessmann Limited
Hortonwood 30, Telford
Shropshire, TF1 7YP, GB
Telephone: +44 1952 675000
Fax: +44 1952 675040
E-mail: info-uk@viessmann.com

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