

**Danfoss**

ECA 110 ECL  
Controllers



## Danfoss ECA 110 ECL Controllers Installation Guide

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**Danfoss**

**Danfoss ECA 110 ECL Controllers**



## Product Information

### Specifications

- Product Name: ECA 110 Timer Program
- Code Number: 087B1248
- Manufacturer: Danfoss
- Website: <https://www.heating.danfoss.com>

## Product Usage Instructions

### Installation Guide

1. Refer to the installation guide provided with the product for step-by-step instructions.
2. Ensure that the ECA 110 timer program is securely mounted in the desired location.
3. Connect the timer program according to the wiring diagram provided.
4. Power on the timer program and follow the setup instructions displayed on the screen.
5. Test the functionality of the timer program by programming a test schedule.

### Programming Instructions

1. Access the programming menu on the ECA 110 timer program.
2. Follow the prompts to set the desired time and date.
3. Program the ON and OFF times for your heating system based on your requirements.
4. Save the programming settings and ensure they are activated.

## **Maintenance**

Regularly check the functionality of the ECA 110 timer program to ensure proper operation. Clean the device as needed and replace batteries if applicable.

## **DESCRIPTION**

- Electronic controllers (ECL) are intelligent temperature regulators for district heating and domestic hot water systems. By means of weather compensation and application keys, they can be adapted to a variety of district heating systems, ensuring a high level of comfort and optimum energy utilisation.
- The range covers very simple electronic controllers with traditional analog operation as well as advanced electronic controllers with a fully digital interface.
- A common feature of all controllers is that they are easy to operate. The more advanced controllers of the ECL Comfort range use intelligent USB-key technology and the illustrations of the graphical display on the controllers make it simple to get a quick overview of the system.
- With the ECL controller or ECA remote control unit, all navigation and interaction take place by turning and pushing the dial on the front panel. All menus and system data readings are shown on the graphic display in your native language, and the logical menu structure makes operation smooth and intuitive.
- There are no blinking lights or arrays of buttons and switches, but the possibilities are unlimited. This ensures correct commissioning and easy day-to-day operation, which in turn leads to optimum comfort and reliability.

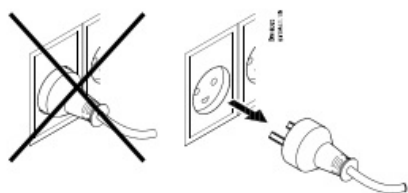
## **Features and benefits**

Electronic heating controller enables you to save on installation and commissioning time, reduce unplanned maintenance, benefit from a shorter learning curve and reduce energy consumption. Easy installation and commissioning with a range of ECL Application Keys 11 – 15%, or more, savings on your energy consumption in the building, as well as reduced CO<sub>2</sub> emissions.

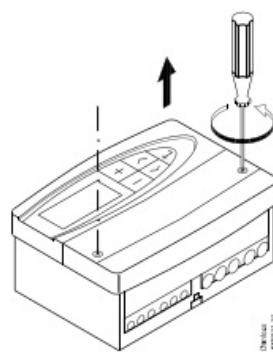
## **Installation**

**ECA 110 timer program (code no. 087B1248)**

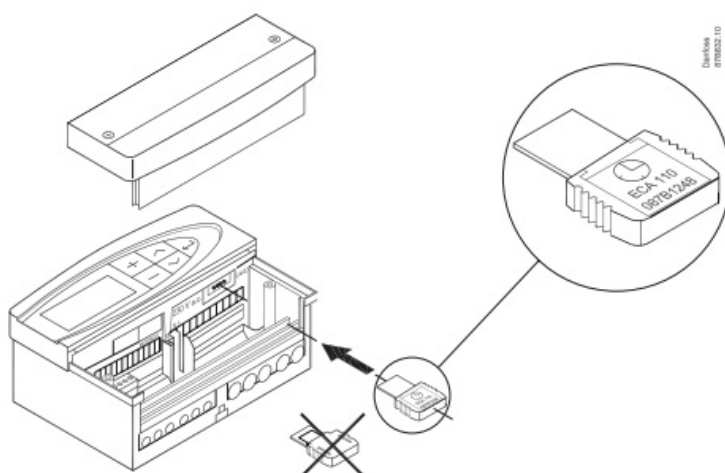
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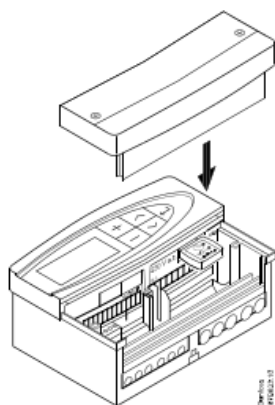
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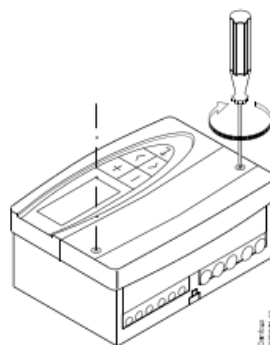
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4



5



## MORE INFORMATION

ECA 110: [www.heating.danfoss.com](http://www.heating.danfoss.com)  
<https://www.youtube.com/user/DanfossHeating>

-> Playlists -> How-to Videos -> District Energy installation videos



## CONTACT

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## FAQ

- **Q:** Where can I find instructional videos for District Energy installation?
  - **A:** You can watch District Energy installation videos on Danfoss Heating's YouTube channel. Visit <https://www.youtube.com/user/DanfossHeating> and navigate to Playlists -> How-to Videos -> District Energy installation videos.

## Documents / Resources

	<p><a href="#">Danfoss ECA 110 ECL Controllers</a> [pdf] Installation Guide 087B1248, 087R9798, ECA 110 ECL Controllers, ECA 110, ECL Controllers, Controllers</p>
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## References

-  [Danfoss Climate Solutions for heating | Efficient solutions for superior comfort | Danfoss](#)
- [User Manual](#)

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