

Data Sheet

Repeater Unit for Danfoss Link™ & CF2 Systems

Application

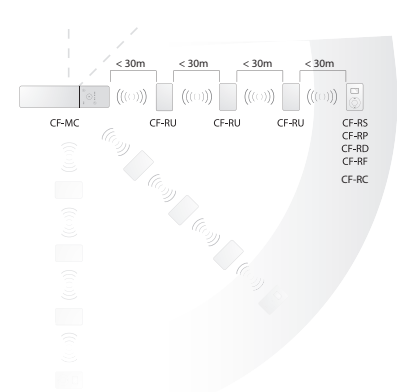


The CF-RU Repeater Unit is used for extending the wireless transmission range between Controller, room thermostats and other connected components in Danfoss Link™ and CF2 Floor Heating Control systems.

The CF-RU transmits signals between room thermostats, remote controller (optional) and the Controller. This is particularly useful in larger installations where physical distance between components may prevent proper wireless connection.

The Repeater Unit may also be used in places where radio transmission barriers occur, i.e. where radio signals may be obstructed by heavy walls, metal objects, etc. If the link test reveals a missing wireless connection to the Controller, simply install the CF-RU and reactivate the link test.

The Master Controller supports up to three Repeater Units installed in a chain between the relevant room thermostat and the Controller. More parallel chains of Repeater Units from a Controller are possible.



- 2-way wireless transmission at 868.42MHz for higher transmission certainty and link test.
- Easy wireless assignment to Master Controller CF-MC.
- Supplied by 230V.
- Up to 3 Repeater Units installed in a chain between the relevant Room Thermostat and the Master Controller.
- More parallel chains of Repeater Units from a Master Controller are possible.

Ordering

| Product | Type | Code no. |
|---|-------|-----------------|
| Repeater Unit for Danfoss Link™ and CF2 Floor Heating Systems | CF-RU | 088U0230 |

Technical Data

| | |
|------------------------|--------------------------------|
| Supply voltage | 230 VAC |
| Transmission frequency | 868.42 MHz |
| Transmission range | up to 30 m in normal buildings |
| Transmission power | <1 mW |
| Approvals | CE |
| Standard | EN60730 |
| Directives | R&TTE, LVD, EMC |
| Protection class | IP 21 |
| Length of mains cable | 3.0 m |
| Weight | 100 g |

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