# DELTA DORE

## DELTA 8000 TA BUS

EN Zone thermostat for Underfloor heating

**20,0°C**

− + OK

Installation instructions

## TECHNICAL CHARACTERISTICS

• Power supply by the bus, 24V

• Bus Input/output 2 wires

• Class III insulation

• Surface-mounted or on flush-mounting box

• Dimensions: 81 x 88 x 21 mm

• Degree of protection: IP 30

• Operating temperature: 0 to +40°C

• Storage temperature: -10 to +70°C

• Installation in an environment with normal pollution levels

## CONTENTS

## 1/ LOCATION/MOUNTING

Since the temperature measurement sensor is inside the unit, you must install the thermostat flush-mounting box:
- on an accessible wall at a height of 1.50 m
- away from heat sources (fireplaces, sunlight) and draughts (windows, doors)

**IMPORTANT**: Do not install the thermostat on a wall in contact with the outdoors or with an unheated room (e.g. garage, etc.)
The sleeve output in the flush-mounting box must be blanked off (with mastic) in order to avoid unwanted air movements that would cause the sensor reading to be inaccurate.

❶ Separate the unit from its base by pushing the pin using a screwdriver.

❷ Connect the bus to the terminal on the base

❸ Mount the base to the flush-mounting box.

❹ Refit the thermostat back on its base.



~1,50 m

Mini 20 cm
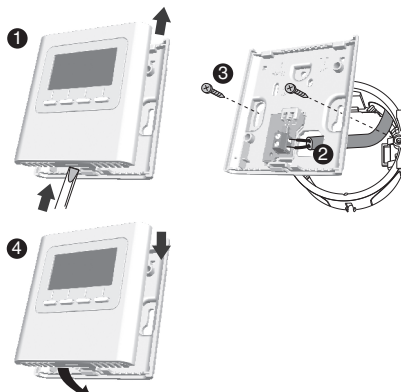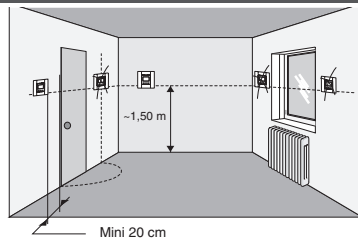
## 2/ ASSOCIATION OF THE THERMOSTAT WITH THE TECHNICAL UNIT.

❶ Press and hold the 1st and the 4th button for 3 seconds. Release.

❷ The screen displays **CF20**.
Press OK then press + and - to select the output with which the room thermostat will be associated.
Confirm with OK.

❸ The screen displays **CF21**.
Select the transmitter and press OK.

❹ The screen displays **CF05**.
Select the thermostat type and press OK.
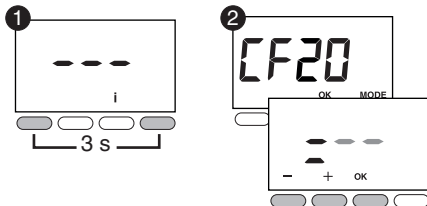
| CF20 | Output number | 1 to 16 depending on the system. | |
|---|---|---|---|
| CF21 | Transmitter type | 0 | Underfloor heating (by default) |
| | | 1 | Heater |
| | | 2 | Ceiling or ductable |
| CF05 (2) | Thermostat type | 0 | Zone thermostat |
| | | 1 | Master thermostat |

(2) CF05: the Master thermostat enables the centralised use of ON/OFF and HEAT/COOL (at least one Master thermostat is required in an installation without a programmer).

## 3/ CONFIGURING THE ROOM THERMOSTAT

❶ From the OFF mode. Press and hold the 2nd button from the left for 5 seconds. Release.
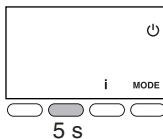
❷ Tap the OK button. Release.

❸ The screen displays **CF01.**
• Press + or - to select the menu.
• Press OK to enter the setting mode, then + and - to perform the setting.

|  | Temperature management | On/Off management | HEAT/COOL mode management |
|---|---|---|---|
| **Master thermostat** | On the controlled zone | On all zones | On all zones |
| **Zone thermostat** | On the controlled zone | On the controlled zone | - |

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## 3/ CONFIGURING THE ROOM THERMOSTAT

| CF01 | Correction of the measured temperature | +/- 5°C in 0.1°C increments (0°C by default) | |
|------|----------------------------------------|-------|--------------------------------------|
| CF02 | Temperature displayed in normal mode | 0 | Setting display (default selection) |
| | | 1 | Display of the measured temperature. |
| CF03 (1) | Ban on the Cool regulation on the thermal zones of the Room Temperature (if SW2 = ON) | 0 | No ban (default selection) |
| | | 1 | Ban |
| CF04 | Display the status (ON) of the associated output | 0 | No (default selection) |
| | | 1 | Yes |
| CF05 (2) | Thermostat type | 0 | Zone thermostat (default selection) |
| | | 1 | Master thermostat |

(1) CF03 only appears in Heat/Cool production mode (SW2=ON, refer to the technical unit manual) and for underfloor heating (CF21 =0) or for ceiling/ductable (CF21 = 2).

(2) CF05: the Master thermostat enables the centralised use of ON/OFF and HEAT/COOL (at least one Master thermostat is required in an installation without a programmer).

## 3/ CONFIGURING THE ROOM THERMOSTAT

| | | | |
|---|---|---|---|
| CF06 | Activation of the window/door magnetic contact function (the room thermostat switches to Frost Protection mode if the window/door magnetic contact is activated). | 0 | Not activated |
| | | 1 | Activated (default selection) |
| CF08 | 'Presence detection' function (the thermostat lowers its setting in the event that no presence is detected). | 0 | Not activated |
| | | 1 | Activated (default selection) |
| CF11 | Standby mode | 0 | Display off after a 10 seconds time-out period |
| | | 1 | Display illuminated continuously (default selection) |
| CF12 | Backlighting | 0 | Deactivated |
| | | 1 | When activated, it goes out after a 5-second time-out period (default) |
| CF20 | Output number | | 1 to 16 depending on the system. '--' is displayed if none are allocated. |
| CF21 | Transmitter type | 0 | Underfloor heating (by default) |
| | | 1 | Heater |
| | | 2 | Ceiling or ductable |
| CF22 | Heating percentage limitation | | From 10 to 100% in increments of 10 (100%= No limitation, by default). |

## 4/ INITIALISATION

### 4.1 DELETING ALL THE ASSOCIATION BUS WITH THE TECHNICAL UNIT

❶ From the OFF mode.
Press and hold the 2nd button from the left for 5 seconds. Release.

❷ Press and hold the 2nd button from the left again for 3 seconds. Release.

❸ The screen displays **Ln01**. Press + to display **Ln05**.

❹ Press OK. The screen displays **rSt**.. Press and hold OK for 3 seconds.
*rSt flashes for 2 seconds.*
Release.

❺ Press MODE to exit.

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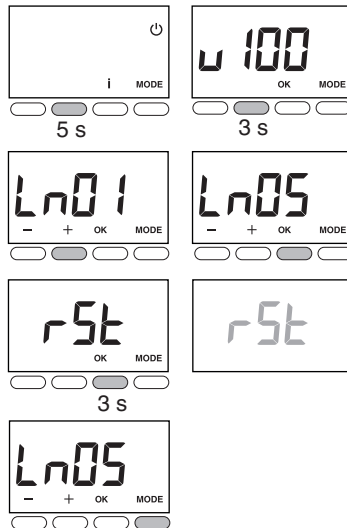
### 4.2 DELETING THE ASSOCIATION OF THE THERMOSTAT WITH THE TECHNICAL UNIT

Press OK to open the setting, then press + and - to select «= --».
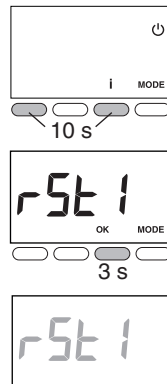Confirm with OK.
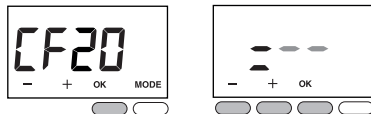


### 4.3 INITIALISING THE ROOM THERMOSTAT SETTINGS

This menu restores the system to factory settings.

❶ From the OFF mode. Simultaneously press the 1st and 3rd buttons from the left (**i**) for 10 seconds. The screen displays **rSt1**. Release.

❷ Press and hold OK for 3 seconds until the rSt display flashes. Release.

The system automatically returns to OFF mode.

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