

Introduction

V04

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DT500/DT500RF is a programmable room thermostat used to control room temperature. Device launching heating system by shorting terminal blocks, simultaneously informing the action and showing this information on the LCD display. Extended features allows us to use various operating modes - automatic (time schedules), manual, frost protection or holiday. Before use please read this manual carefully. Use only AA 1.5 V alkaline batteries in the thermostat.. Place the batteries into the battery slot located under the cover (see the Battery replacement chapter on the back). Do not use rechargeable batteries.

Product compliance

This product complies with the essential requirements and other relevant provisions of Directives EMC 2014/30/EU, LVD 2014/35/EU, RED 2014/53/EU and RoHS 2011/65/EU. The full text of the EU Declaration of Conformity is available at the following internet address: www.saluslegal.com

A Safety Information

Use in accordance to national and EU regulations. Use the device as intended, keeping it in dry condition. Product for indoor use only. Installation must be carried out by a qualified person in accordance to national and EU regulations.

Technical specification

	DT500 Thermostat	DT500RF Thermostat
Thermostat supply	2 x AA alkaline batteries	2 x AA alkaline batteries
Thermostat rating max	5 (3) A	-
Outputs	Voltage free NC / NO / COM terminals	-
Temperature range	5 °C − 35 °C	5 °C − 35 °C
Temperature accuracy	0.1 °C or 0.5 °C	0.1 °C or 0.5 °C
Control algorithm	ITLC SPAN \pm 0.25 °C or \pm 0.5 °C	ITLC SPAN ± 0.25 °C or ± 0.5 °C
Radio frequency	-	868 MHz
Dimension [mm]	120 x 90 x 29	120 x 90 x 29

DTRX5 Receiver		
Receiver supply	230 V AC	
Receiver rating max	16 (5) A	
Outputs	Voltage free NC / NO / COM terminals	
Radio frequency	868 MHz	
Dimension [mm]	98 x 98 x 25.2	
	50 K 50 K 25.2	





DTRX5 Receiver Terminals description

NC

Terminal	Description	
NO	Switch Terminal	11
COM	Common Switch Terminal	CISALUS PODIAD DTRX5 CE
L, N	Power Supply (230 V AC)	

DT500RF Thermostat Wiring Diagram





DT500 Thermostat Wiring Diagram

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Setting the time

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Sevens

Press OK to confirm.

14:30

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GSALUS

Press OK to confirm.





12

hr



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Press \land or \checkmark to set the hour.



6



Press \land or \checkmark to set the minutes.



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Press the + Hr button until number of hours

disappears from display.







dxx	Function	Parameter value	Default value
d01	Temperature display increments	0.1 °C or 0.5 °C	0.5 ℃
d02	Temperature offset	+/- 3.0°C	0.0 °C
d03	Frost protection setpoint temperature	5.0 °C - 17.0 °C	5.0 ℃
d04	Programmer selection	5/2 or 24hr (7d)	5/2 d
d05	TPI or SPAN algorithm selection TPI — self-adaptive algorithm SPAN — hysteresis (fixed temperature deviation)	ITLC or SPAN	ITLC
d06	TPI or SPAN adjustment (if you selected SPAN in parameter d04, then parameter d05 will display the SPAN settings, the same applies to the TPI algorithm)	6CP or 9CP / 0.25 °C or 0.5 °C	6CP / 0.5 °C

Battery replacement



To insert and replace the batteries, follow the steps below:

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1. Unlock the battery compartment.

2. Push the battery holder at the bottom of the thermostat 3. After adding or replacing the batteries, re-insert the battery

Reset of the DT500/DT500RF thermostat

Press and hold \circledast + \checkmark and OK buttons for 5 seconds, or press the RESET button on the back of the thermostat. Then the thermostat will be reset. It will display all segments on the display and the default settings will be restored.