

SALUS
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SALUS CONTROLS
BTR230 Non
Programmable



SALUS CONTROLS BTR230 Non Programmable Thermostat User Guide

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SALUS CONTROLS BTR230 Non Programmable Thermostat



Specifications

- Model: BTR230
- Type: Electronic flush mount Room Thermostat for Bezel 55
- Compliance: 2014/30/EU, 2014/35/EU, 2011/65/EU
- Website: www.saluslegal.com

Product Usage Instructions

Safety Information Use the product indoors only. Keep it dry and disconnect before cleaning with a dry towel.

Installation

This product must be installed by a competent person following local regulations and standards to avoid legal issues.

Wiring

You can wire the thermostat directly to the KL08NSBWiring Center (sold separately).

Mounting

Refer to the provided images for correct mounting of your thermostat.

Additional Information

For more details and specific instructions, please refer to the user manual provided with the product.

Introduction

The BTR230 is an electronic flush mount Room Thermostat for Bezel 55, which offers key advantages over conventional mechanical products.

Product Compliance

This product complies with 2014/30/EU, 2014/35/EU, 2011/65/EU. Full text of the EU Declaration of Conformity on www.saluslegal.com.

Safety Information

Use in accordance with the regulations. Indoor use only. Keep your equipment completely dry. Disconnect your

equipment before cleaning it with a dry towel.

Installation

This accessory must be fitted by a competent person, and installation must comply with the guidance, standards and regulations applicable to the city, country or state where the product is installed. Failure to comply with the relevant standards could lead to prosecution.

Box Content



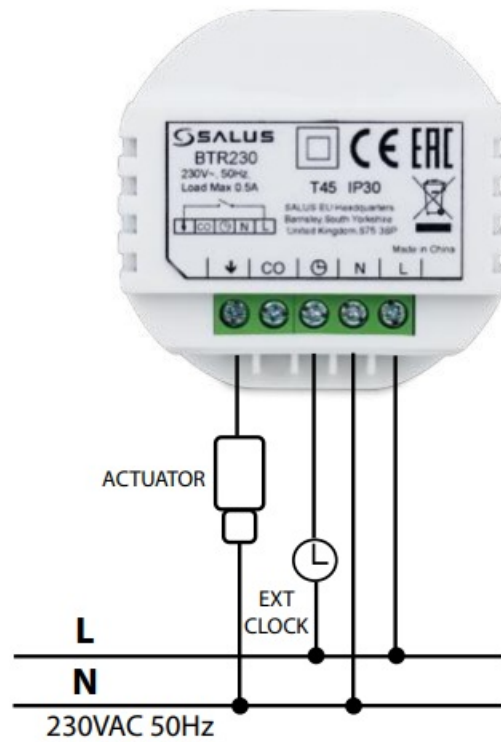
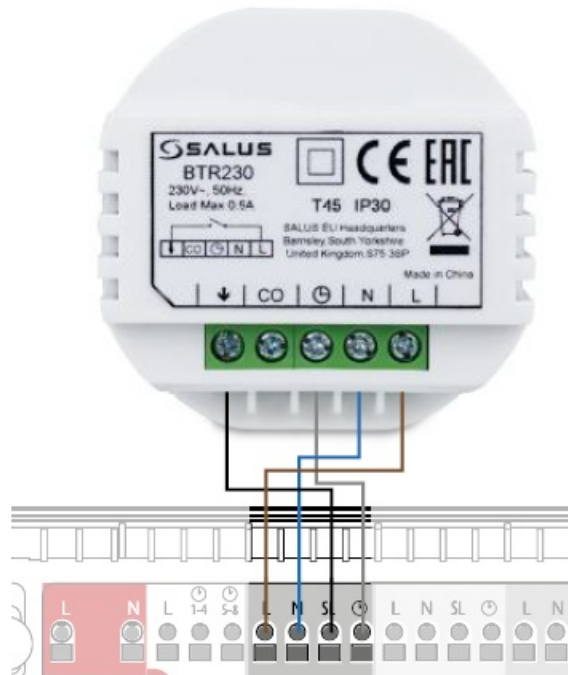
- Thermostat front case
- Thermostat rear case



- Quick Guide
- 2x fixing screws

Wiring

Note: You can wire the thermostat directly to the KL08NSB Wiring Center (purchased separately).



230VAC 50Hz

Mounting

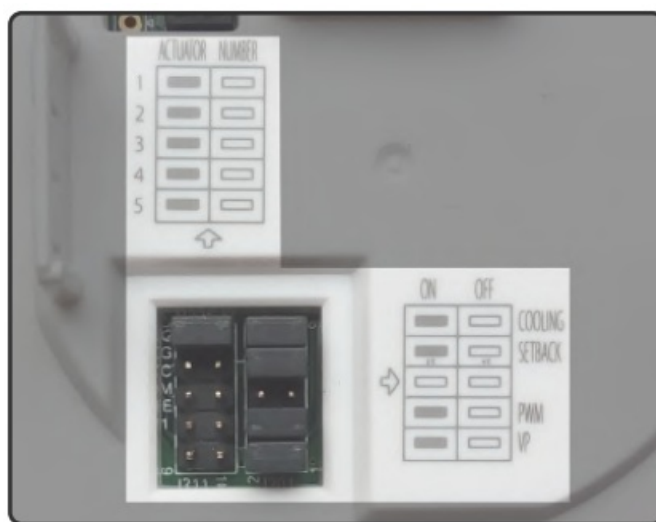
Please refer to the images below for mounting your thermostat.



Terminals

Terminal	Function
↓	Switching Live (output)
CO	Changeover, 0V for heating or 230V for Cooling (input)
⌚	0V normal temp mode; 230V reduced temp mode (input)
N	Neutral Input
L	Live Input

BTR230 Jumpers



Different features of the BTR230 can be switched ON or OFF with the jumpers. In order to do this please follow the table below.

Jumper	Feature	ON	OFF
COOLING	Close: Cool block disabled; Cooling enable Open: Cool block enabled; Cooling disable		
SETBACK	NSB Function (2° or 4° selectable)	2°C	4°C
PWM	Pulse-Width-Modulation		
VP	Valve protection		

- The jumpers from 1 to 5 are representing the number of actuators that you can connect to the thermostat.
- After the actuators are mounted please move the jumper on the correct number (the same as the number of actuators)

Night Setback

NSB (Night SetBack) Function NSB Mode is always ON, giving the possibility to choose a reduction between 2°C or 4°C. The NSB signal is activated every 1 second. When the signal is received the setpoint temperature will be reduced by 2°C or 4°C.

Heating and Cooling

Heating and Cooling Selection The Heating/Cooling function is determined by the CO terminal connection.

- CO 0 V = Heat mode
- CO 230V= Cool mode

Cooling Blocked

EN Cooling Blocked function Cooling Enabled: Set the jumper to ON position . The thermostat will run in normal cooling mode. That means that it will open/close the actuators when necessary. The LED will be BLUE when the cooling function is running.

- Cooling Disabled: Set the jumper to OFF position .CO terminal will be deactivated. Heat mode only.

Control Patterns

- This product has a jumper to choose output control pattern, PWM output or ON/OFF output.
- In heating mode, there is PWM or ON/OFF control output.
- In cooling mode, only ON/OFF control output.

FAQs

Q: Can the BTR230 be used outdoors?

A: No, the BTR230 is designed for indoor use only.

Q: Do I need a professional to install the BTR230?

A: Yes, this product should be installed by a competent person following local regulations.

Q: Where can I find the full compliance information?

A: The full compliance information is available on the website www.saluslegal.com.

PRODUCER: SALUS Controls Plc Units 8-10 Northfield Business Park Forge Way, Parkgate, Rotherham S60 1SD, United Kingdom

www.saluscontrols.com

Documents / Resources



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BTR230 Non Programmable Thermostat, BTR230, Non Programmable Thermostat, Programmable Thermostat, Thermostat

References

- [Choose your country – Salus](#)
- [saluslegal.com](http://www.saluslegal.com)
- [User Manual](#)

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