CBT ELECTRIC RADIATOR BOX

CBT - Electric radiator box.

INTRODUCTION

With CBT, 230 VAC voltage supply can be connected to electric radiators as needed via a connected room climate controller.

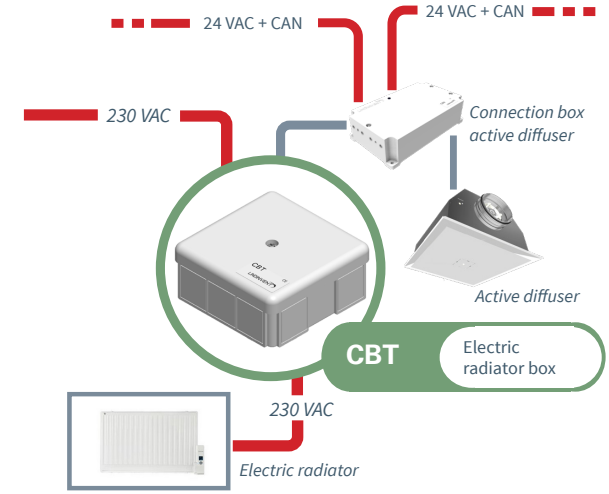
Connections and control electronics integrated in a single box.

CBT2 is a variant of CBT equipped with a heatsink to handle a maximum load of 2kW.

FUNCTIONS

TRIAC is used to manage the time that connected heating batteries or electric radiators are active. Heating and cooling steps are always activated in sequence.

CONNECTIONS



CBT connections.

TECHNICAL SPECIFICATIONS

General

Dimension
CBT: 87x87x36 (BxHxW)
CBT2: (Including heatsink): 100x88x71 (LxBxW)

Material
Encapsulation: ABS
Heatsink(CBT2): Aluminium
PCB: FR4
Net weight CBT: 0,110 kg (CBT2: 0,380 kg)
Colour: RAL9003 (Heatsink CBT2: Black)

IP-class
IP44

Temperature limits:
Operation: 10ºC to 40ºC; <85% RF
Storage: -20ºC to 50ºC; <90% RF

Electrical system

Supply voltage: 24 VAC
Maximum load CBT: 500 watt (2000 watt for CBT2)

CE-marking

Complies with EMC and the low voltage directive.

Connections

1 terminal for 24 VAC power feed
1 terminal for TRIAC input
1 terminal for 230 VAC input
1 terminal for 230 VAC, electric radiator output

ADDITIONAL PRODUCT DOCUMENTATION

Download available at www.lindinvent.se

Document	Comment
Installation instruction	The box is attached via screw holes in the bottom. Membrane nippels for easy cable fitting.
Start-up instruction	Function selection and other settings are made on the connected room climate controller.
Maintenance instruction	Regarded as maintenance-free
External connection diagram	Shows how equipment is connected to CBT.
Building material declaration	Assessed by Byggvarubedömningen.
AMA-text	Not available.