

Product description

CBFS – Fan coil unit control box [stepped motor]

Introduction CBFS

When extra cooling is needed, in addition to what Lindinvent's supply air diffuser can provide, CBFS can be used to control fan coil units with stepped motors in sequence with the diffuser. Energy consumption is optimised because cooling is managed in *one* system.

For control of fan coil units with EC motors see control box CBFE.

Function

CBFS controls the fan motor of the fan coil unit as well as the valve actuator so as to adjust the quantity of coolant to the unit. Control of the fan coil unit occurs in three steps, corresponding to the three speed positions of the fan coil unit. Step 1 turns on at 1 VDC; step 2 at 7 VDC and step 3 at 9 VDC. Steps 2 and 3 are adjustable via potentiometer.

CBFS is connected to a controller that supplies the control box with voltage feed and control signal.

Technical specifications

General

Dimension

121x41x80 mm (WxHxD)

Material

Thermoplastic encapsulation

Colour

White

IP class

Encapsulation complies with IP44



CBFS – Fan coil unit control box with stepped motor.

Electrical system

Supply voltage

24 VAC

Output

1 VA

CE marking

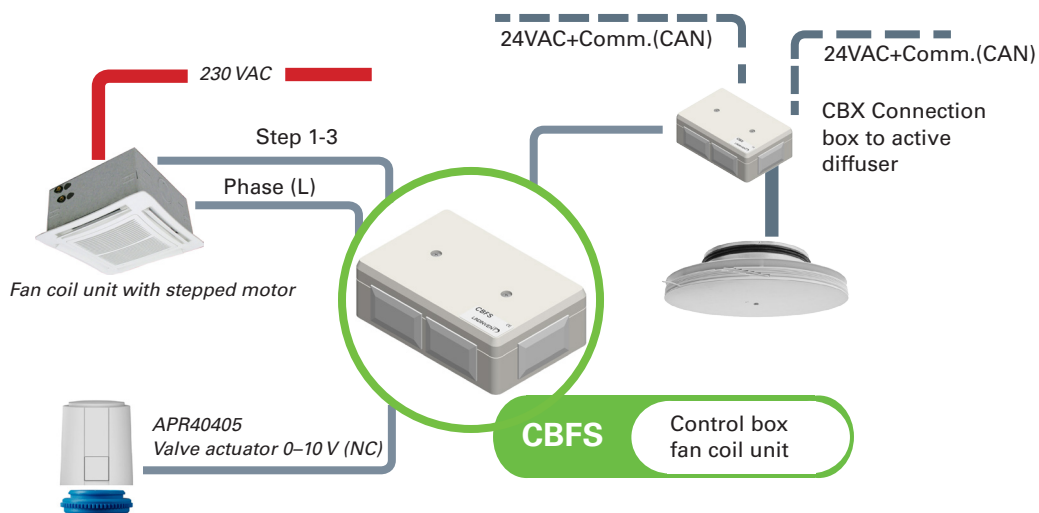
Complies with EMC and the Low Voltage Directive

Input signals

1 x 0-10 VDC

Output signals

1 x 0-10 VDC for valve actuator
3 x relay (Potential-free switch function for e.g. 230 VAC)



Connection diagram: Control box CBFS with connections.

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Additional product documentation CBFS

Table 1: Additional documentation for CBFS can be obtained via links on the product's website under Products at www.lindinvent.se

Document	Available	Not available	Comments
Installation Instruction	●		Mounting double box
Start-up instruction	●		
Maintenance instruction		●	Maintenance-free
External connection diagram	●		
Environmental product declaration	●		To be assessed by Byggvarubedömningen and Sundahus
User information		●	Not applicable
Modbus list		●	Not applicable
AMA text		●	

Product documentation can be downloaded via
www.lindinvent.se/produkter/



Contact

www.lindinvent.se
Tel: 046-15 85 50

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