**Robotina d.o.o.**
OIC Hrpelje 38
SI-6240 Kozina
Slovenia

# 1. FC-3

**HVAC controller**




| Model number: | **FC-3** |
|---|---|
| Mounting: | inside fan-coil |
| Dimensions: | 65x30x18mm |

## 1.1. Features

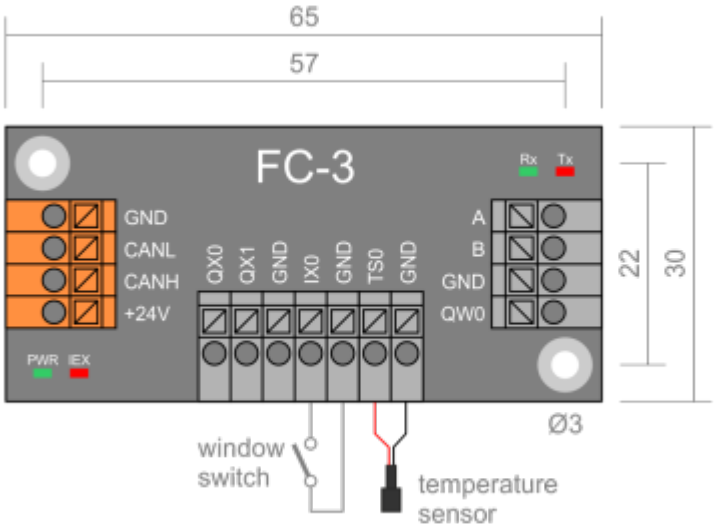
- IEX-2 module, fan-coil controller
- Virtual serial port (Modbus)
- 1 analog output 0..10V (fan speed)
- 2 outputs 24V 1A (valve control)
- 1 binary input (window switch)
- 1 temperature sensor input

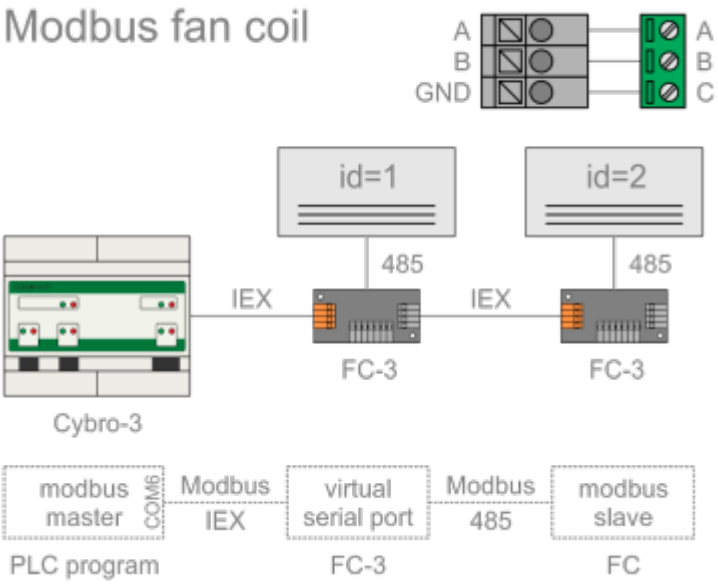
## 1.2. Technical specification

| Serial interface: | RS485 virtual serial port |
|---|---|
| Baudrate: | 2400..115200 bps |
| Galvanic isolation: | none |
| Analog output: | 0..10V, 10mA sink/source |
| Settling time: | 0..10s, adjustable |
| Digital input: | dry contact, internal pull-up 12V 2mA |
| Digital output: | 24V, 1A, high side |
| Output protection: | short circuit, overheating, inductive load |
| External temperature sensor: | ES digital sensor |

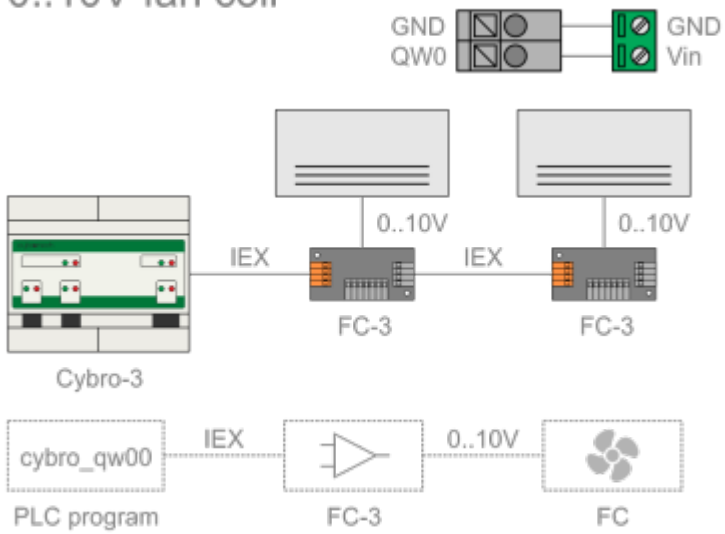
| | |
|---|---|
| Cable length: | 50m |
| Power supply: | 24V (18..28V), 20mA + valve |
| Terminals: | push-button cage clamp 3.5mm |
| Wire diameter: | stranded 0.2..1.5mm², solid and ferrule 0.2..1mm² |
| Operating conditions: | 0..50°C, 0..85% rh |
| Degree of protection: | IP20 |
| Dimensions: | 65x30x18mm |
| Weight: | 20g |
| Standards: | EN 61010-1, EN 61010-2-201, EN 61326-1 |

## 1.3. Terminals

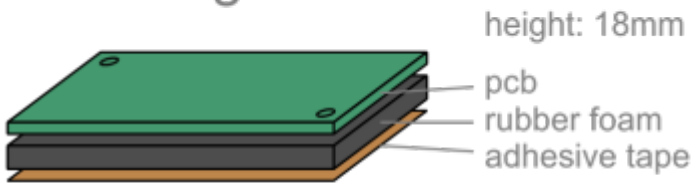


## 0..10V fan coil




## Mounting




- 2x self-tapped screw Ø3
- double-side adhesive tape