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

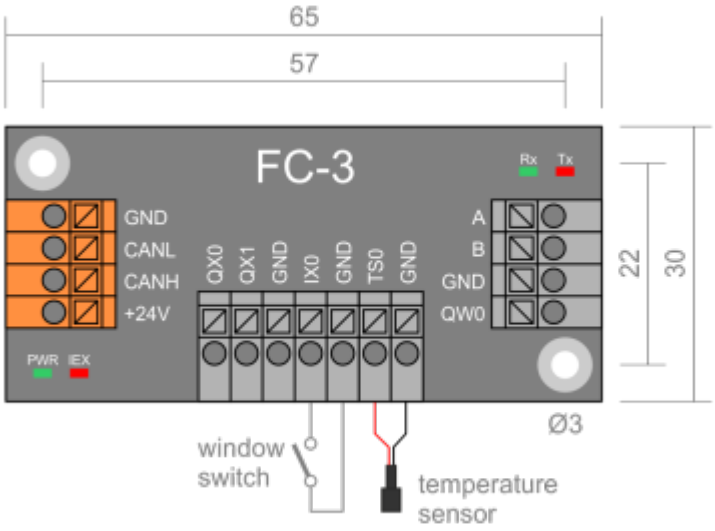
- IEX-2 module, fan-coil controller
- Virtual serial port (Modbus)
- 1 analog output 0..10V (fan speed)
- 2 outputs 24V 1A (valve control)
- 1 binary input (window switch)
- 1 temperature sensor input

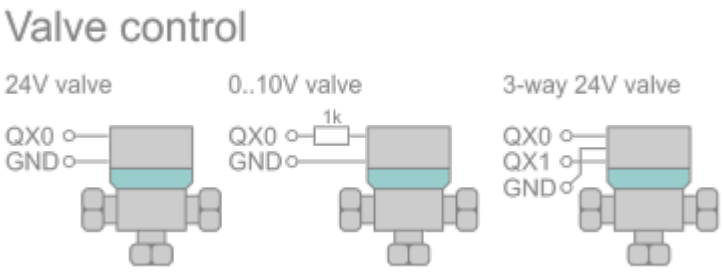
1.2. Technical specification

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

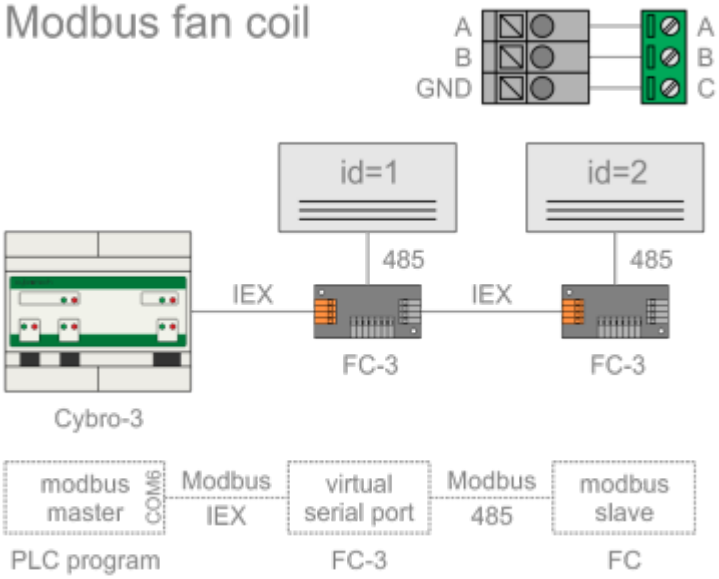
Cable length:	50m
Power supply:	24V (18..28V), 20mA + valve
Terminals:	push-button cage clamp 3.5mm
Wire diameter:	stranded 0.2..1.5mm², solid and ferrule 0.2..1mm²
Operating conditions:	0..50°C, 0..85% rh
Degree of protection:	IP20
Dimensions:	65x30x18mm
Weight:	20g
Standards:	EN 61010-1, EN 61010-2-201,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

1.3. Terminals

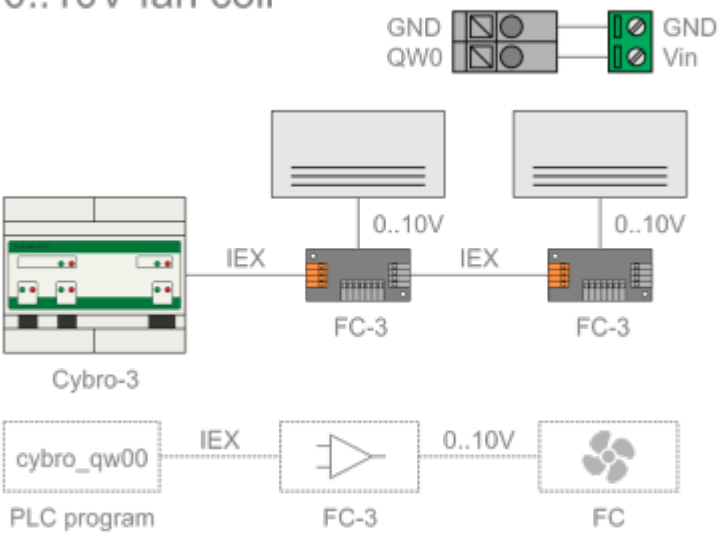




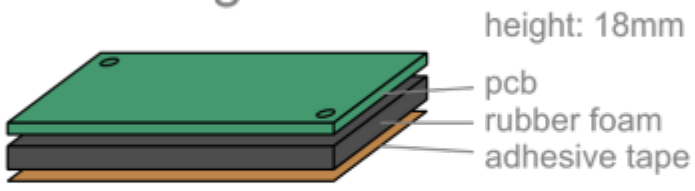
Modbus fan coil



0..10V fan coil



Mounting



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