

1. FC

HVAC controller



Model number:	FC
Mounting:	inside fan-coil
Dimensions:	108x86x46mm

1.1. Features

- IEX-2 module, fan-coil controller
- 3 relay outputs 5A (fan speed)
- 2 relay outputs 5A (valve)
- 1 binary/analog input
- 2 temperature sensor inputs

1.2. General description

Simple - No adjustments, no jumpers or DIP switches. Configuration is completely performed on PC.
Flexible - Can be used with a wide range of home, office and industrial convectors. Fallback mode - Device continue operation even in case that communication is broken.

1.2.1. Firmware Note for FC Controller

Firmware Requirement Notice: The FC module is delivered unprogrammed, without pre-installed firmware. Users must independently download and install the latest firmware version using Cybrotech's configuration software via PC (USB/RS485 interface). Prior to deployment, verify hardware and hiQ/Cybro system compatibility, following official flashing instructions to ensure stable communication and full functionality—including fallback mode and IQ protocol support. Firmware files and tools are available on the Cybrotech download page.

1.3. Technical specification

Relay outputs:	3A/250V
Temperature measurement:	external
External temperature sensor:	ES any model
Power supply:	24V 45mA
Operating temperature:	0..45°C
Storage temperature:	-20..75°C
Relative humidity:	0..95% n/c
Weight:	150g
Standards:	EN 60730-1

1.4. Terminals

