



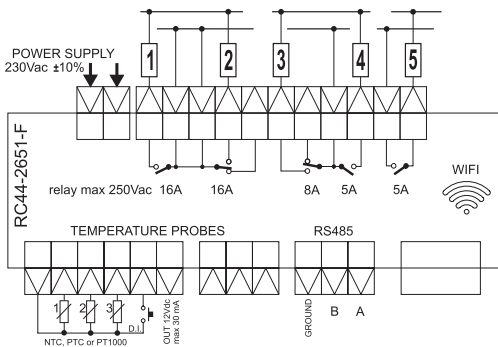
The RC43 is an electronic controller for electric panels which attaches to Omega DIN-4 modules. It allows for the regulation of both refrigeration and heating units, or dead band control.

The parameter set of the RC43-III allows the user to configure the temperature control to best suit their own appliances. Each relay can be associated with specific temperature probes, operating modes (refrigeration, heating, etc.), and settings.

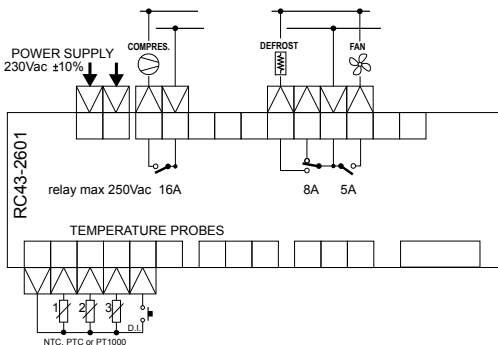
In the complete version there is a USB communication port for data exchange with a computer, an RS-485 interface for connection to a wired bus, and a Wifi radio for connection to a wireless network.



Complete version (cod. BT91023426)



Refrigeration version (cod. BT91023100)



TECHNICAL FEATURES

INPUTS

- 3 temperature probes;
 - 1 digital input, external contact;
- Probes are configurable by parameter's value, among the following types: NTC 10K, NTC 5K, PTC, PT1000. Measurement limits: for NTC -40 .. +120 °C, for PT 1000 -50 ... +350 °C, for PTC -50 .. +150°C.

OUTPUTS

- 5 relays max 250 V (AC), of the following types:
 - nr. 1 - 16A SPST;
 - nr. 1 - 16A SPDT;
 - nr. 1 - 8A SPDT;
 - nr. 2 - 5A SPST;
- an alarm buzzer.

POWER SUPPLY

- 230 Volts (AC) ± 10%, 50/60 Hz.

PORTS

- RS-485 modbus protocol;
- 2.4 GHz integrated Wi-Fi radio.