

TECHNOLOGICAL CONTROL UNIT

UGT-IP

cod. 6700-107010



The technological control unit is housed in a 5-module box for DIN rail.

It has three analogue and one digital configurable inputs which can be connected to the following devices:

- temperature sensors for common areas (analogue inputs only);
- alarm or anomaly contacts;
- switches;
- buttons;
- bathroom emergency pull cords;
- overflow sensors;
- energy meters.

It also has four relay outputs with voltage-free contacts for 230Vac, 4(2)A loads for managing devices connected to the relative inputs (thermostats, alarm repetition, etc.), for monitoring access (opening contact) and ON/OFF or timed activation via computer. An RJ45 connector connects the unit to the Ethernet to exchange data with the monitoring computer via TCP/IP protocol.

Alternatively, it is possible to connect to the traditional RS 485 bus via 2-pin connector. Dual RJ12 connector for connecting expansion units and control panels.

Addressing via 12-way dip-switch, reprogrammable micro-controller via bus or network, non-volatile memory for archiving events (alarms, access, etc.) even when there is no connection to the monitoring computer.

12Vdc, 3.5A power supply.

Dimensions 88x100x62 mm.

Weight 0.3 Kg.

FANCOIL CONTROL UNIT

UGF-IP

cod. 6700-103010



The fan-coil control unit is housed in a 4-module box for DIN rail. Features the following inputs:

- configurable input for bathroom or room window switch, button, timed button, switch;
- input for bathroom or room temperature sensor
- features the following relay outputs with voltage-free contacts for 230Vac, 4(2)A loads:
- Low-speed fan-coil relay;
- Medium-speed fan-coil relay. Alternatively, ON/OFF or timed activation via computer, shutter opening or shutter closing;
- High-speed fan-coil relay. Alternatively, ON/OFF or timed activation via computer, shutter opening or shutter closing;
- hot/cold water solenoid valve relay for 2-tube fan-coil or hot water solenoid valve for 4-tube fan-coil. Alternatively, ON/OFF or timed activation via computer, shutter opening or shutter closing;
- heated towel rail or cold water solenoid valve relay for 4-tube fan coil.

Alternatively, slaved activation, timed slaved activation, shutter opening, shutter closing, activation via button, timed button or switch.

Also features a 0-10Vdc output for controlling radiator modulating valve or fancoil.

Connection to UGC-IP or UGT-IP control unit and other units or panels via RJ12 connectors. 12Vdc power supply directly from UGC-IP or UGT-IP units via RJ12 connector or specific 12Vdc, 3.5A power supply unit.

Dimensions 70x100x62 mm.

Weight 0.2 Kg.