

# ROOM CONTROL UNIT

## UGC

cod. 6100-101010



The “MEGA” control unit is housed in 9-module box for DIN rail. It is provided with analog and digital inputs for connection of the following devices:

- chip card or proximity card reader
- door-bell push button
- room activation panel
- bathroom temperature sensor
- room temperature sensor
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- door open contact
- window open contact
- mini bar open contact
- bathroom pull cord for help call
- flood sensor
- volumetric motion sensor against intrusion
- “do not disturb” push button
- courtesy light push button
- door open push button from bed headboard
- It is provided with relay outputs with voltage free contacts for 230Vac - 4(2)A loads to control:
  - courtesy light
  - room electricity contactor
  - ON/OFF towel warmer electrovalve
  - 3-speed fan-coil fan
  - either ON/OFF fan-coil electrovalve or ON/OFF, modulating motorized or modulating linear radiator electrovalve (controlled with 0-10Vdc continuous voltage)

- AUX output to close electric shutters or water electrovalve in case of flood, switch-on balcony light or activate bell.

The control unit is also provided with 5 SCR outputs for out-of-door signalling (guest in room, do not disturb, room to clean, minibar to check, help call/flood) and one 12Vdc output, max. 1.2A for electric door lock. Data transmission over UTP CAT.5 bus cable with two wires, RS 485 standard. Flash-type reprogrammable microcontroller. 12Vac, 30VA power supply. Dimensions: 160x100x60mm. Weight: 0.50 kg.