

Flush-mounted time-controlled 300W electronic dimmer module for UP Radio system, with neutral wire

4820408



- Network voltage: 230 V~(±15%)- 50 Hz
- Power on load: 1.3A - 300W (resistive); 0.6A - 125VA (other loads)
- Consumption in standby mode:
- Room temperature: - -20°C to 40°C
- Relative humidity: 0 to 90%
- IP protection rating: IP30
- Range: 250m in free field of view and without obstacles. Range is reduced by metal items, walls or partitions
- Radio protocol: Zigbee
- Maximum transmitted radio power: 10 mW
- Radio frequency band: 2400.0 - 2483.5 MHz
- Dimensions (LxHxD): 40 x 45.7 x 13.1 mm

Description

The MTV300E-UP flush-mounted radio module is a timed electronic dimmer, which allows management of brightness variation from 3% to 100% on loads up to 300W, with the principle of variation by interruption at the beginning or end of the phase, with automatic recognition of the type of load. It is compatible with various loads, including, incandescent lamps, 230V LEDs and dimmable halogen lamps.

The MTV300E-UP dimmer module can be centralised via Zigbee radio.

It supports management of multiple variation levels, recallable by pressing shortly on them: press once for 100% illumination, twice to recall the last brightness level, three times for 50% illumination, four times to recall the minimum brightness level (preset).

The module can be timed, from 2 seconds to 4 hours, with notice of shutdown and a longer duration, extending the timer up to 12 hours. It also provides for a children's room night light function which allows obtaining a light with a 20% intensity and setting it to gradually decrease during a 1-hour period to leave only a courtesy light (in 12 hours). It also enables the activation of lights in corridors or other rooms for night-time movements.

The module can be programmed to operate as a simple toggle relay or as an application for the deaf and hearing impaired, taking advantage of the light for visual signalling.

Thanks to the "soft start / soft stop" function, it limits the inrush current when switching on the light load, thus increasing the life of the lamp and buttons.

The module has 2 types of built-in electronic protection: against short-circuit on the load (with automatic reset after fault clearance) and against overheating. It is also immune to network disturbances up to 1.5 kV.

If the installation includes GATE-UP, the module can also be managed via the YnO UP App, either locally or remotely, and can be managed in automatic mode via scenario definition.

Easy module programming: either through a directly connected button or through the U2PRO Installer App.

Accessories:

SMARTCHR (item no. 5454089): Resistive load for energy-saving light bulbs and LEDs

Logistic data

- Packaging quantity single: **1**
- EAN single: **8021156076949**
- Base: **90 mm**
- Height: **65 mm**
- Depth: **23 mm**