

03986 - Actuator 0/1-10VDC + IoT connected relay

The connected multi-function actuator is a DIN rail device (60715 TH35) equipped with a 10 AX relay output and a proportional analogue 0/1-10 V output which can be configured as a dimmer or as a variable generic load. It also allows the climate control through proportional control of the fan coil speed.

To control the actuator from other devices (such as IoT controls art. 30801-xx0591) they need to be configured with the View Wireless App within a group.

Download the View Wireless  App from the stores onto the tablet/smartphone you will be using for configuration.

When the device is powered for the first configuration, we recommend you search for any new firmware and perform the update.

You will also need:

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| Gateway art. 30807.x-20597-19597-14597 |
| View App  for management via smartphone/tablet |
| Amazon Alexa, Google Assistant, Siri (Homekit) voice assistants for possible voice operation. |

CONFIGURATION IN Bluetooth®

1. Create your Installer account on MyVIMAR (on-line).
2. Wire all the devices in the system (2-way switches, relays, thermostats, gateway, etc.).
3. Start the View Wireless App and log in with the credentials you just created.
4. Create the system and the environments.
5. Associate all the devices with the environments, except for the gateway (which should be associated last).
To associate the actuator:
 - Select "Add" (), choose the environment to place it and give it a name
 - Select  ; activate the Bluetooth connection on your tablet/smartphone and approach the actuator
 - Press the CONF push button and set the desired function
6. For every device, set the function, the parameters and any accessory devices (wired or radio control and related function).
7. Transfer the configuration of the devices to the gateway and connect it to the Wi-Fi network.
8. Transfer the system to the Administrator user (who must have created his/her profile on MyVIMAR).

For details, see the View Wireless App manual that can be downloaded from the www.vimar.com website.

RESET PROCEDURE.

The reset restores the factory settings. Within the first 5 minutes from powering the device, press CONF for 30 s until the white LED flashes.

INSTALLATION RULES.

- Installation must be carried out by qualified persons in compliance with the current regulations regarding the installation of electrical equipment in the country where the products are installed.
- The electronic 1-way switch must be protected by a directly associated fuse with a rated breaking capacity of 1500 A or by an automatic 1-way switch with a rated current not exceeding 10 A.

CHARACTERISTICS.

- Rated supply voltage: 100-240 V~, 50/60 Hz
- Dissipated power: 2.5 W
- RF transmission power: < 100mW (20dBm)
- Frequency range: 2400-2483.5 MHz
- 1 relay output 10 AX 250 V (C, NO). The NO terminal can be configured as NC from the View Wireless App
- 1 proportional analogue 0/1-10 V SELV output with scalable output voltage
- Maximum proportional output current: 10 mA
- LED and configuration/reset push button.
- Protection degree: IP20.
- Operating temperature: -5 °C ÷ +45 °C (indoor use)
- Overall dimensions: 2 modules size 17.5 mm for installation on DIN rail (60715 TH35)
- The actuator can be configured in a group for a "Lights" or "Various" type application to control a dimmable light (for instance LED power supply unit with 0..10 V input) or in a "Climate control" application to control a proportional load (for instance fan with 0..10 V control)
- Controllable via View App, Amazon Alexa, Google, Siri and Homekit voice assistant for Bluetooth technology system

N.B. The relay output is not independent and is always linked to the proportional 0/1-10 V output, so it is used in applications where the latter is not configured.

REGULATORY COMPLIANCE.

RED Directive. RoHS directive.

Standards EN IEC 60669-2-1, EN IEC 63000, EN 301 489-17, EN 300 328, EN 62479.

Vimar SpA declares that the radio equipment complies with Directive 2014/53/EU. The full text of the EU declaration of conformity is on the product sheet available on the following website: www.vimar.com

REACH (EU) Regulation no. 1907/2006 – Art.33. The product may contain traces of lead.

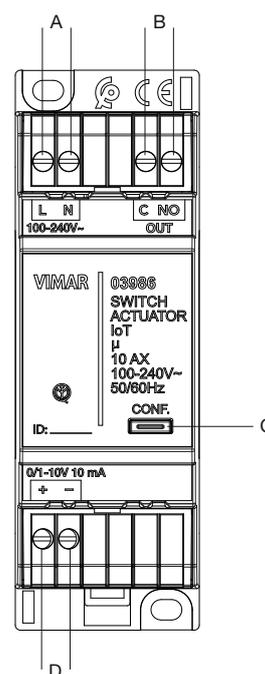


WEEE - User information

The crossed out bin symbol indicates that the product must be sent to separate collection facilities for recovery and recycling, in compliance with the national laws of EU Countries that implement the WEEE Directive. The objective is to prevent any harmful effects on the environment and on human health by ensuring that products are disposed of correctly, avoiding illegal disposal sanctioned by law.

To dispose of the product correctly, please check local dispositions in your country.

FRONT VIEW

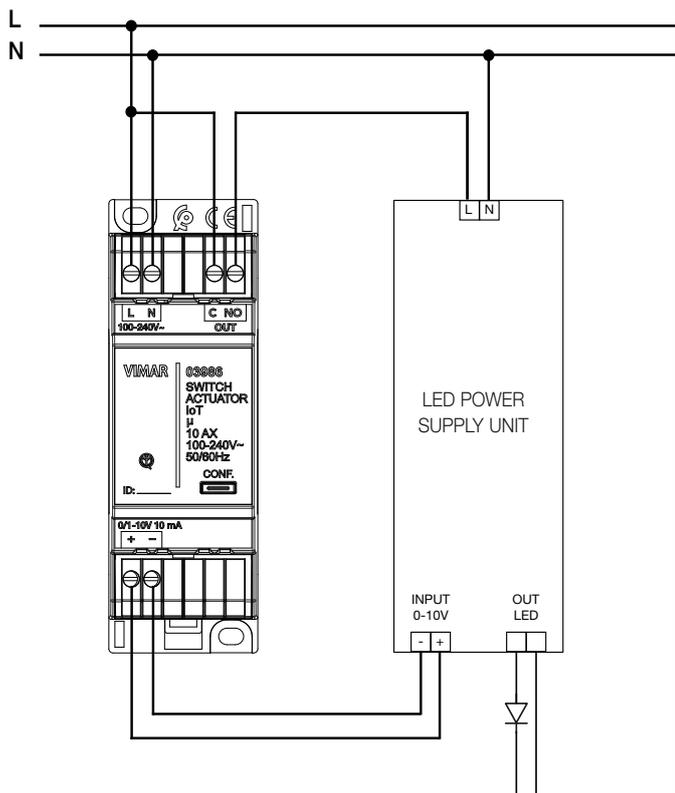


A: 100-240 V~ power supply

B: Relay output 10 AX 250 V (C, NO)

C: LED and configuration/reset push button

D: Proportional analogue 0/1-10 V output

CONNECTION FOR ACTUATION AND DIMMING LIGHTS


Maximum distance between actuator and LED power supply unit: 50 m.
Use a twisted cable with a minimum cross-section of 0.5 mm² (art. 01840.E).

CONNECTION FOR PROPORTIONAL FAN COIL ADJUSTMENT
