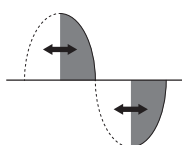


Home automation control device with four push buttons and 240 V~ 50/60Hz phase-cut dimmer, for incandescent lamps 40-200 W, electronic transformers 40-300 VA 240 V~, 20-150 VA 120 V~, CFL lamps 10-200 W 240 V~, 5-100 W 120 V~, LED lamps 3-200 W 240 V~, 3-100 W 120 V~, visible in darkness with RGB LEDs with intensity adjustment, to be completed with interchangeable half-button caps comprising 1 or 2 modules Linea, Eikon, Arkè or Plana - 2 modules.

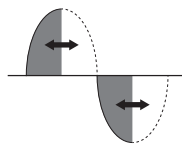
The device controls the load directly. It should be used as a double or single push button depending on the chosen button; the push buttons can also be configured independently from the dimmer actuation part and can be pressed either at the top or bottom. For the Linea, Eikon and Arkè series, all the button covers, whether from the catalogue or customised, have symbols which can be backlit with customisable RGB colours.

IMPORTANT: Lamps controllable from a single output must all be the same. All controllable loads must be declared DIMMABLE by the manufacturer. Check the type of compatible dimming on the lamp packaging: LE (Leading Edge) or TE (Trailing Edge). Where not specified, the lamp works in both modes, at the discretion of the installer; choose the type of dimming that ensures the best lamp operation.

Dimming with leading edge LE phase control



Dimming with trailing edge TE phase control



FEATURES.

- TP BUS Rated supply voltage: 29 V
- Mains rated supply voltage: 240 V~, 50 Hz/60 Hz
- Absorption from TP bus: 15 mA
- Combinable buttons: double or 1 single
- Terminals: L, dimmer output, TP bus
- Output protected against overload or overcurrent
- Max device-load distance 100 m
- Operating temperature -5 °C +45 °C (indoor)
- IP20 protection degree
- Device 30488-01488 should be configured with the Automation Gateway 01410-01411 and App View Pro.
- Not compatible with By-me control panels 21509 and EasyTool Professional.

CONTROLLABLE LOADS.

Controllable loads	LE	TE
	40 - 200 W	40 - 200 W
	10 - 100 W (max 5 lamps)	10 - 200 W (max 10 lamps)
	5 - 100 W (max 5 lamps)	10 - 200 W (max 10 lamps)
	(max 3) 40 - 200 VA type transformers	(max 5) 40 - 200 VA type transformers

• Controllable loads with load adaptor 01873 connected in parallel:

Controllable loads	LE	TE
Power supply units 01874-01875	max 10 power supply units	Not applicable
Lamps 02662	max 10 lamps	Not applicable

• Controllable RGB loads with load adaptor 01873 connected in parallel:

RGB lamps 02663	max 10 lamps
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Plug&Play.

CAUTION: The plug&play mode requires the system to include only plug&play devices and not devices configured in the By-me Plus system.

For operation in Plug&Play mode, only install the 1-module fixed half-button caps on the device.

In the absence of a configuration, the device is pre-configured as follows:

- briefly press B to turn on the load;
- press B for a prolonged time to make the upwards adjustment (increase);
- briefly press C to turn off the load;
- press C for a prolonged time to make the downwards adjustment (decrease);
- press F to send a "Lights OFF" scenario over the bus;
- press E to send a "Lights OFF and roller shutters DOWN" scenario over the bus.

When push buttons are pressed, the LEDs are on for 3 s.

Important: in plug&play mode the output does not manage the RGB load

SETTING THE COLOUR OF THE LEDS.

PLUG&PLAY mode.

- Procedure activation: simultaneously press push buttons E and F for a prolonged time; the LEDs will all illuminate in the colour currently set.
- Colour selection: briefly press push button E or F to view the next colour.
- Saving the colour and exiting the procedure: press push button F or E for a prolonged time.
- Exiting the procedure without saving the colour: automatic after a timeout of 5 s.

By-me Plus SYSTEM.

- The colour is set from the App using the respective menus.

LED indications

- The flashing of any of the LEDs of push buttons B and C is an indication of an alarm.
- If both the B and C LEDs are flashing, the electrical power supply output is absent.
- Flashing LED C indicates the device's thermal protection has been triggered. Check the connections of the corresponding load; also make sure it is not excessive or unsuitable.
- To silence the alarm, briefly press push button B or C (ON/OFF of the corresponding dimmer). If the flashing continues, wait for the protection to cool down and then repeat the command.

OPERATION.

Home automation device acting as a dimmer actuator.

- Possible functions of the buttons:
 - ON/OFF switch
 - roller shutter control
 - dimmer control
 - scenario activation
- Possible functions of the dimmer:
 - lights on, lights off and light control
 - "flash start" mode for CFL lamps
 - "ramp" operation
 - off delay and "warning" function
 - phase control: LE/TE
- Possible functions of the dimmer with dedicated RGB loads:
 - lights on, lights off and light control
 - absolute colour change
 - fading show operation

CONFIGURATION.

For the configuration operations, see the By-me Plus system manual.

We recommend you configure the device with the load turned off.

Configuration must be done with the device without the button to be able to press the configuration push button A.

- Functional units: 7 (4 push buttons, 2 rocker buttons and 1 dimmer actuator)
- Functional unit selection during configuration:
 - press push button A and wait 3 s to select the dimmer functional unit;
 - press push button A again followed by the desired button (B, C, E, F) to select the related push button or rocker button functional unit.

Configuration begins with the turning on of the red LED D and ends with it being turned off.

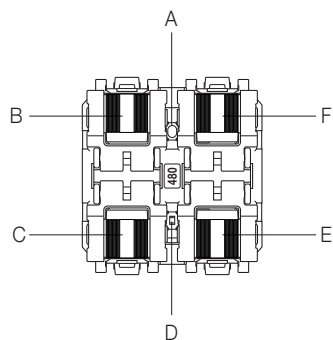
INSTALLATION RULES.

- 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 lamps connected to it must all be the same. White LEDs and RGB LEDs cannot be controlled simultaneously using the same device.
- Not suitable for controlling motors (e.g. fans, ventilators).
- Never exceed the rated power.
- If installing 2 dimmers in a single box, the controllable loads by each dimmer must be reduced so that their total does not exceed the maximum power that can be controlled by a single device.
- Overloads, electric arcs and short-circuits cause irreparable damage to the dimmer. Before installation check the circuit carefully and eliminate any of the above causes.
- The dimmer does not have a mechanical 1-way switch in the main circuit and so is not galvanically separated. The circuit load should be considered always powered.

REGULATORY COMPLIANCE.

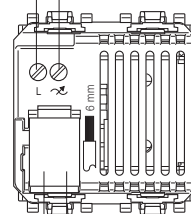
LV Directive. EMC directive. RoHS directive. Standards EN IEC 60669-2-1, EN IEC 63044, EN 50491, EN IEC 63000. REACH (EU) Regulation no. 1907/2006 – Art.33. The product may contain traces of lead.

FRONT AND REAR VIEW



- A: Configuration button
- B: Push button 1
- C: Push button 2
- D: LED
- E: Push button 3
- F: Push button 4

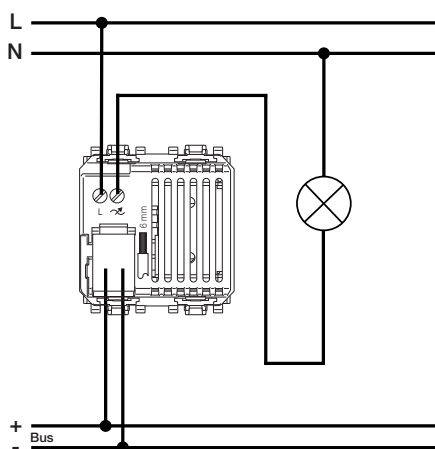
L, dimmer output



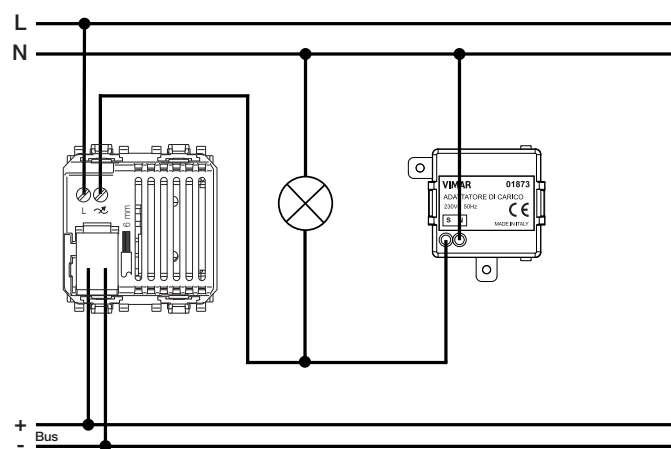
TP bus

CONNECTIONS

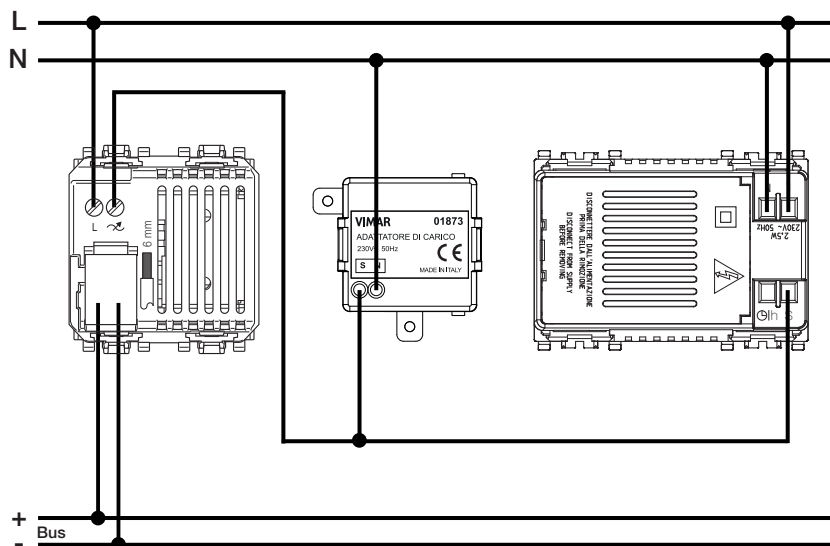
Connection with load



Connection with 01873



Connection with 01873 and lamp 02663



WEEE - User information

The crossed bin symbol on the appliance or on its packaging indicates that the product at the end of its life must be collected separately from other waste. The user must therefore hand the equipment at the end of its life cycle over to the appropriate municipal centres for the differentiated collection of electrical and electronic waste. As an alternative to independent management, you can deliver the equipment you want to dispose of free of charge to the distributor when purchasing a new appliance of an equivalent type. You can also deliver electronic products to be disposed of that are smaller than 25 cm for free, with no obligation to purchase, to electronics distributors with a sales area of at least 400 m². Proper sorted waste collection for subsequent recycling, processing and environmentally conscious disposal of the old equipment helps to prevent any possible negative impact on the environment and human health while promoting the practice of reusing and/or recycling materials used in manufacture.