

Universal dimmer 220 - 240 V~ 50/60 Hz for ceiling fans 15-150 W, ON/OFF control and regulation by built-in push buttons, ON/OFF control with NO peripheral push buttons, minimum fan adjustment, settable visible in darkness. Not suitable for installation in Isoset enclosures.

CHARACTERISTICS.

- ON, OFF and motor speed change with built-in push buttons.
- 4 motor speed adjustment levels:
 - OFF
 - V1 = 5 - 25%
 - V2 = 50%
 - V3 = 75%
 - V4 = 100%
- Thermal protection with flashing-lamp blow-out detector.
- Overload protection with flashing-lamp blow-out detector.
- It should be used in dry, dust-free places at a temperature of between 0 °C and +35 °C.
- Up to 3 dimmers with a load of 150 W each can be installed in the same mounting box.
- If installing more than 3 dimmers in the same mounting box, the controllable loads by each dimmer must be reduced so that their total does not exceed the maximum power of 450 W.

CONNECTIONS.

- Control and speed change via built-in push buttons.
- ON/OFF control from remote push button.
- Remote control:
 - ON-OFF function only
 - activates the dimmer at the previous speed if switched off from the remote control
 - activates the dimmer at V1 if switched off from local control
- For correct operation, the length of each connection between the dimmer and the NO buttons may not exceed 100 m.

DIMMER OPERATION.

Motor status	Button	Pressing type	Function
OFF	Up	Short	The motor starts at V1
		Telegram	
	Down	Short	No function
		Long	
ON (any speed)	Up	Short	The motor switches from Vn to Vn+1 (if the motor is at V4 it stays at V4)
		Long	
	Down	Short	The motor switches from Vn to Vn-1 (if the motor is at V1 it switches off)
		Long	

n=1, 2, 3, 4.

N.B. In the event of a power failure, when the power returns, the dimmer operation will be set to OFF, irrespective of the status it was in before the power failure.



INSTALLATION RULES.

- Installation and configuration 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 device must be installed in flush mounting boxes or surface mounting boxes with Neve Up mounting frames and cover plates.
- 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 1 A
- Installation must be carried out with the system switched off.
- 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 63000.

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

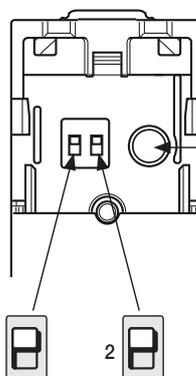
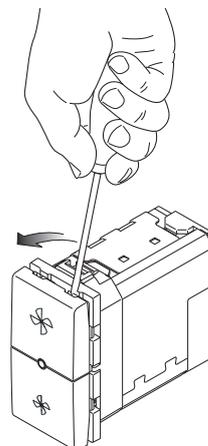


WEEE - User information

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.

CONFIGURATION

Remove the upper button and set the dip switches

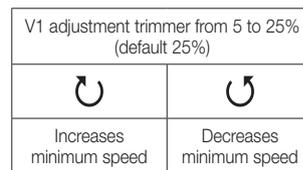


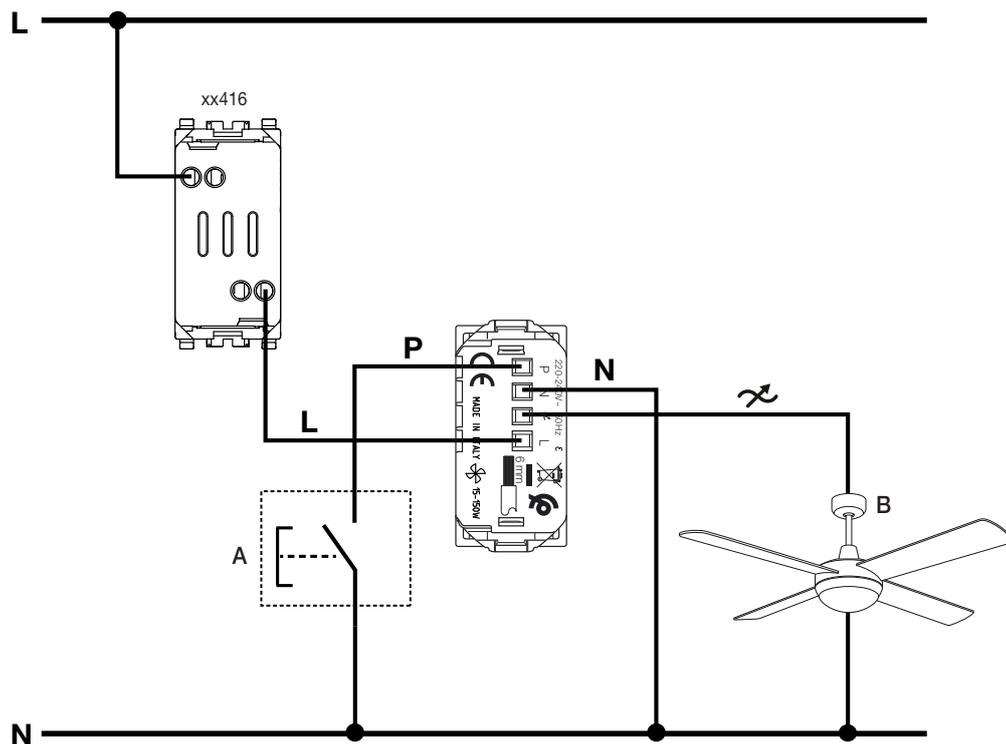
1. LED lighting mode

- Up Position:
- Motor OFF and LED ON
 - Motor ON and LED ON
- Down Position:
- Motor OFF and LED OFF
 - Motor ON and LED ON

2. LED operation

- Up Position = LED always OFF
Down Position = LED enabled



CONNECTION


A: ON/OFF and control button.

B: Ceiling fan.

The protection fuse activates in case of a load short-circuit.