

# USER GUIDE

## RPS400

Electronic silent Step Relay controlled by push-button (3 wires).



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### General Characteristics

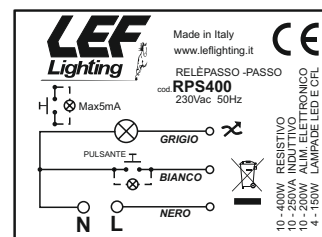
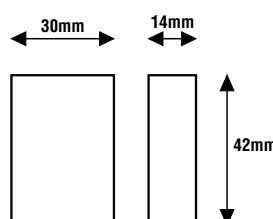
Plastic case  
Resinated with polyurethane resin conforming to UL 94V-0 standard.  
Control push-button  
3 wires system

### Technical Features

Input voltage range 230Vac  
Input frequency 50Hz  
Electronic silent step relay  
Control thorough:  
- push-button (PUSH 230Vac)  
Manageable power (see table)  
«STATE MEMORY» function  
No consumption  
Operating ambient temperature  $T_a -5^{\circ}\text{C} \div +35^{\circ}\text{C}$

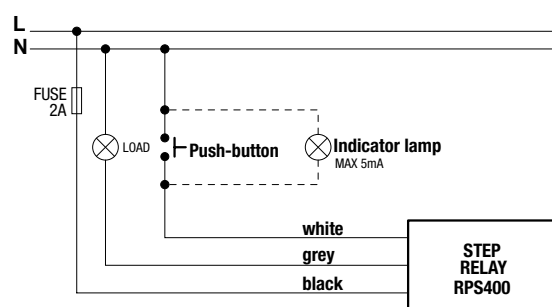
### Reference Standards

EN60669-1  
EN60669-2-1

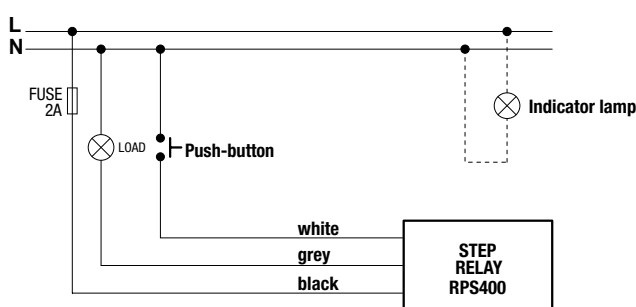


CODICE CODE	Funzione Function	Comando Command	RESISTIVO RESISTIVE  Lampade ad incandescenza o alogene Incandescent or halogen lamps  230Vac	INDUTTIVO INDUCTIVE  Trasformatore lamellare Laminated transformer  230/12Vac	INDUTTIVO INDUCTIVE  Trasformatore toroidale Toroidal transformer  230/12Vac	Alimentatore elettronico con lampade ad incandescenza o alogene Electronic driver with incandescent or halogen lamps  230/12Vac	Alimentatore elettronico con lampade LED dimmerabili Electronic driver with dimmable LED lamps  230/12Vac	Alimentatore elettronico dimmerabile con uscita in CC/CV per LED Dimmable electronic driver with CC/CV output for LED  10-200W	Lampade fluorescenti compatte dimmerabili Dimmable compact fluorescent lamps  230Vac	Lampade LED LED lamps  230Vac	Peso Weight (g)
RPS400	RELÈ	PUSH	10-400W	10-250VA	10-250VA	10-250W	10-200W	10-200W	4-150W	4-150W	40

### Push-button connection on the NEUTRAL with indicator lamp on the NEUTRAL



### Push-button connection on the NEUTRAL with independent indicator lamp



**It is recommended to protect the device with a 2A FAST FUSE.**

Controlled by one or more normally open NO push-buttons, even having warning lights (Max 5mA).  
The Relay changes its state ON/OFF every time you slightly press on the push-button.

### Instructions:

Connect the electronic step Relay RPS400 in series with the load.

The device is operated through normally open (NO) push-buttons, as in the diagrams.

It is recommended to carefully check the connections before inserting the main voltage because an eventual short-circuit can irreversibly damage the power semiconductor (TRIAC).

The maximum ambient reference temperature is  $+35^{\circ}\text{C}$ , so, at each 5% increase of it, you have to lower the maximum power by 20%.

**The Relay stores the "STATE MEMORY" function even in absence of main voltage (230Vac).**



PRODUCT TO BE DISPOSED  
DIFFERENTLY FROM URBAN WASTE  
AEE identification nr.IT18040000010321



MADE IN ITALY

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