

GB

ELECTRONIC TOUCH PUSH-BUTTON FOR REMOTE CONTROL

INTRODUCTION

The electronic push-button (codd. 441005S and 442005S) is a control with in-built touch sensor. It can be connected to the touch devices 44..001S, 44..001S/2F and 44..048SU allowing the remote control of loads. It can also be connected to devices (eg. light dimmer) that need a NO push button control connected to the phase. It can also directly control a load of 1A / 230Vac. It has leds to help identifying the control in the dark

TECHNICAL SPECIFICATIONS

- Overall dimensions: 1x S44 module
- Protection degree: IP40
- Terminal board with 3 terminals accessible on the back
- Voltage input: 230 Vca 50 Hz
- Variation permitted: -15% +10%
- Input: 20,6 mA to 230 Vca (0,3 W)
- Sensitive front area: the entire front of the apparatus (see fig. 1 area A1)
- Static output at TRIAC - monostable operation
- Load controllable directly in alternate current: resistive ($\cos\phi=1$) 1A at 250Vac
- Command: rest the finger gently on the plate near the entire front of the device (see fig. 1)
- Front Led (L1) for locating in the dark (see fig. 1): when the hand approaches the LED emits a brighter light.

INSTALLATION

The push-button can be in rectangular, square or Ø 60mm round flush - mounted boxes, as well as installed in a wall or upon a table by using Ave enclosures

WEATHER CONDITIONS

Temperature and relative humidity of reference: 25 °C Rel. H 65%
 Operating environment temperature range: from -5 °C to +35 °C
 Maximum relative humidity: 90% at 35 °C
 Max altitude: 2000 a.m.s.l.

NORM COMPLIANCE

EN 60669-2-1

CONNECTION DIAGRAMS

The supply circuit (L-N) must be protected against overloads by a rapid fuse with high break power as indicated in the diagrams below:

- 44..005S with touch switch 44..001S (figure 2);
- 44..005S with touch dimmer switch 44..048SU (figure 3);
- 44..005S with traditional dimmer 44..048U (figure 4);
- 44..005S for direct control of electromechanical ringers 44..029 or electromechanical buzzers 44..031 (figure 5).

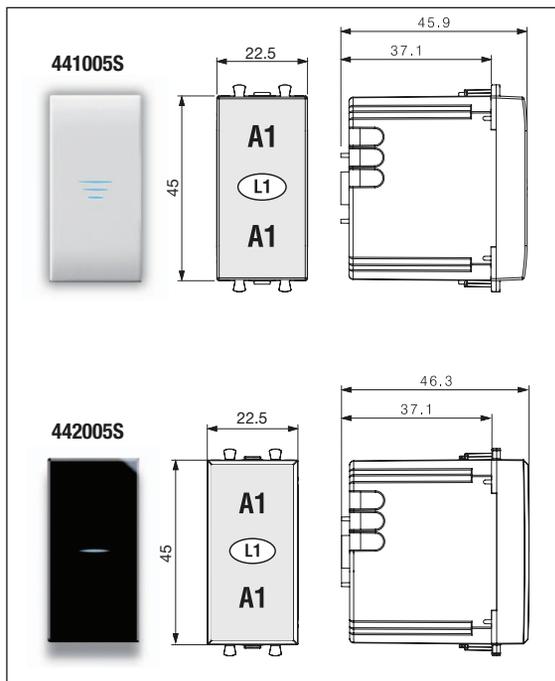


Figure 1

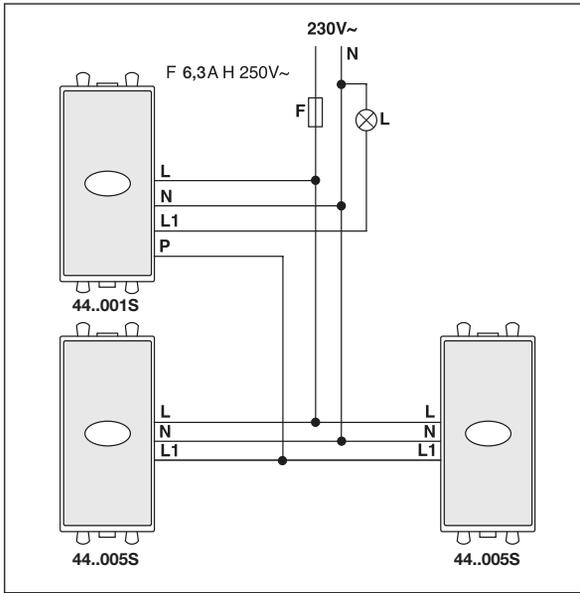


Figure 2

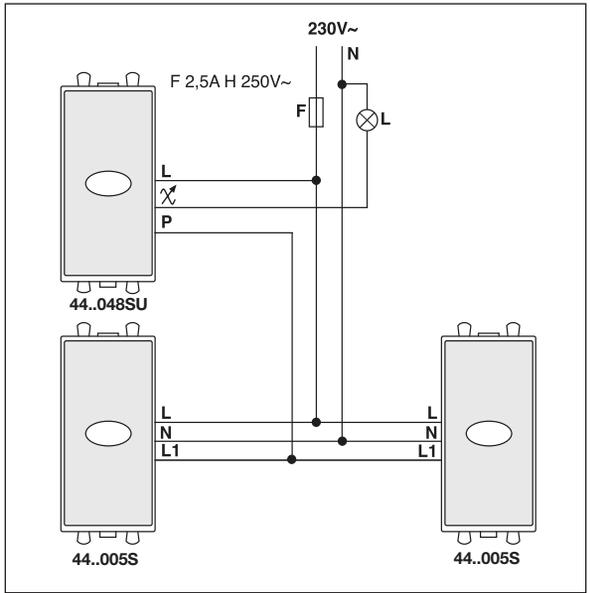


Figure 3

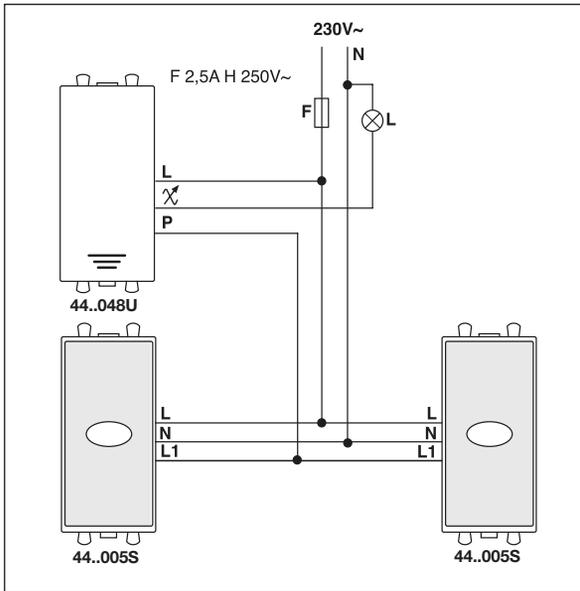


Figure 4

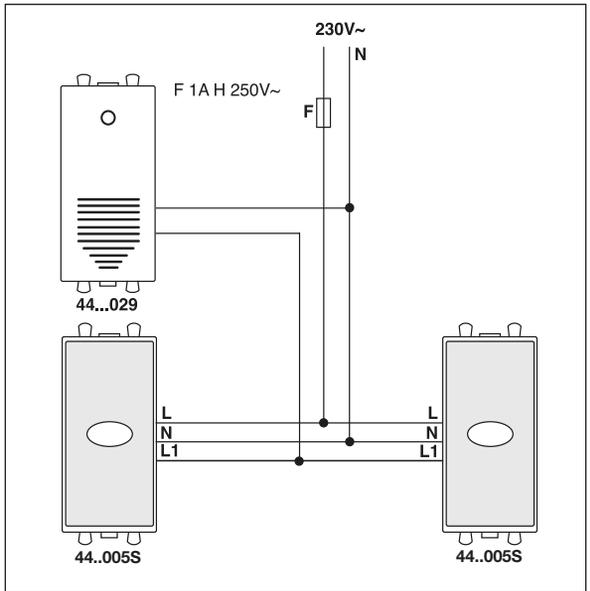


Figure 5

Legend
 L: load
 F: fuse

BEFORE INSTALLING SYSTEMS AND AUTOMATION IT IS STRONGLY RECOMMENDED TO ATTEND A TRAINING COURSE AND READ THE INSTRUCTIONS CAREFULLY

IMPORTANT NOTES:

- Products should be sold in their original packaging. Otherwise, the retailer and/or installer is obliged to follow, as well as to communicate to the user, the instructions for use which are supplied with the product and/or are published on the website www.ave.it as well as in the current product catalog.
- AVE products are installation products
- Products must be installed by trained professionals in compliance with the installation regulations
- Once the product is unpacked, make sure that the appliance is undamaged. Do not use the appliance if there is any doubt, but contact a qualified technician
- Even before unpacking, the appliance should be handled with care and stored in a dry place at temperatures between -5°C and $+40^{\circ}\text{C}$
- Before carrying out any maintenance on the appliance, cut off the mains power
- Special attention should be paid to the preparation of the cable terminals to be inserted into the appliance terminals so as to maintain sufficient isolation distance between contacts
- When tightening the terminal screws, special care should be taken to avoid overheating which could start a fire or damage the cables.
- The product must be used in dry, dust-free areas
- Suitable products must be used in any other conditions
- There is a risk of electric shock or malfunction of the device if not handled properly.
- Install products and accessories according to the prescriptions in the catalogue and the instructions sheet and in compliance with specific standards and rules
- Warranty certificate for a specific product, which specifies the warranty period and conditions in accordance with local regulations, is issued by the seller at the moment of sale of product



The manufacturer's warranty: The 5 year warranty applies only to damaged or malfunctioning products caused by manufacturer's negligence, taking into account the rights and obligations prescribed by law (art. 1490, 1512 C.C., DL 24/2002, Directive 1999/44/CE, art. 1519 C.C.). The defect must be notified within 2 month from the date it was discovered. Five years are intended from the date of delivery of the product to the final customer.