L&L
Luce&Light

Made in Italy

INSTALLATION AND OPERATION INSTRUCTIONS

+DAECTLR0701
rev. 00 28/10/2024
B10

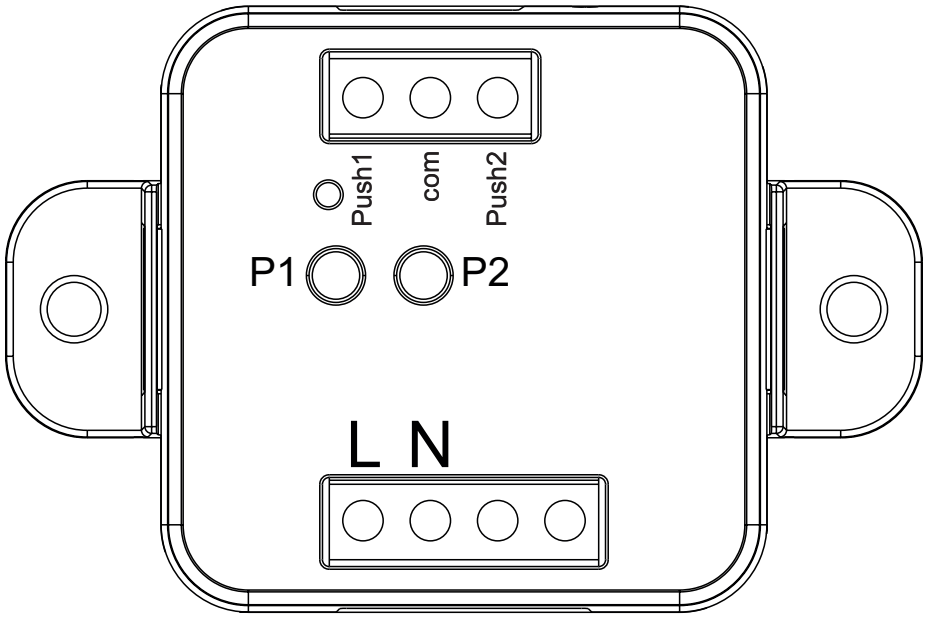
TLR07-01

Power supply units and control gear / Alimentatori ed elettronica di controllo

CE IP20

230 Vac / 433.92 MHz

Radio interface for devices with push dim dimming input
230Vac power supply, two voltage-free output contacts, max5A.
433.92 MHz receiver for radio transmitters.



INDEX

1 - PRODUCT FEATURES
1.1 - TECHNICAL DATA page 3

2 - CONNECTION DIAGRAMS
2.1 - CONNECTION DIAGRAM page 4
2.2 - CONNECTION DIAGRAM EXAMPLE page 5

3 - USE OF THE CONTROL UNIT page 6

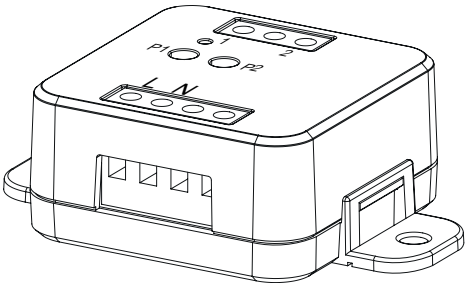
4 - RADIO PROGRAMMING
4.1 - PROGRAMMING OUT 1 page 6
4.2 - PROGRAMMING OUT 2 page 6

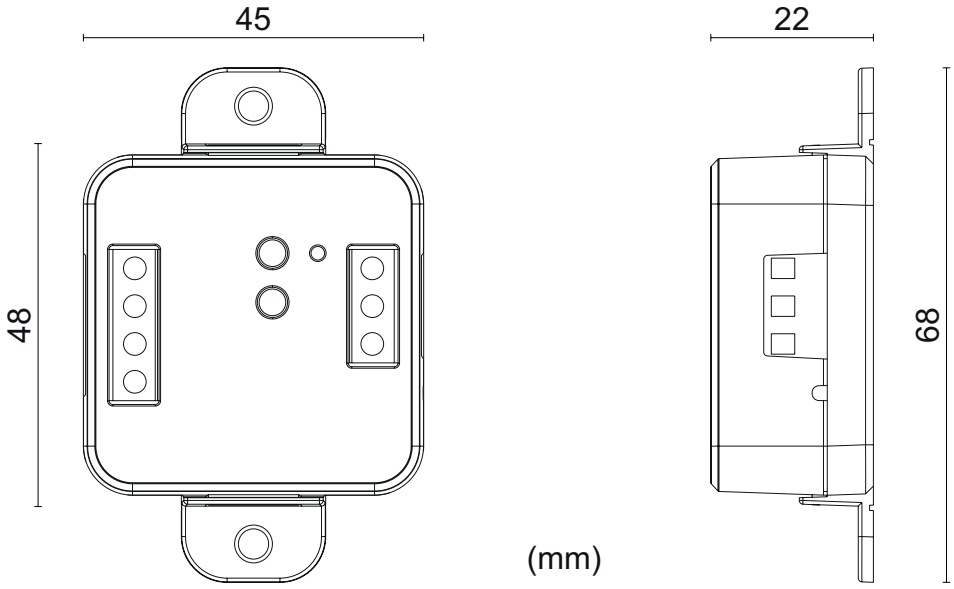
5 - DELETION OF TRANSMITTERS
5.1 - DELETION OF SINGLE TRANSMITTER page 6
5.2 - DELETION OF ALL THE SAVED TRANSMITTERS page 6

1 - PRODUCT FEATURES

1.1 TECHNICAL DATA

Power supply (Input)	230Vac
Load type (Output)	230Vac motor with built-in limit switches
Max power load (Output)	500W
N° of programmable transmitters	30
Frequenza ricevitore RF	433,920MHz
Protection rating	IP20
Working temperature	-20° +55°
Box dimensions	52x43x21 mm



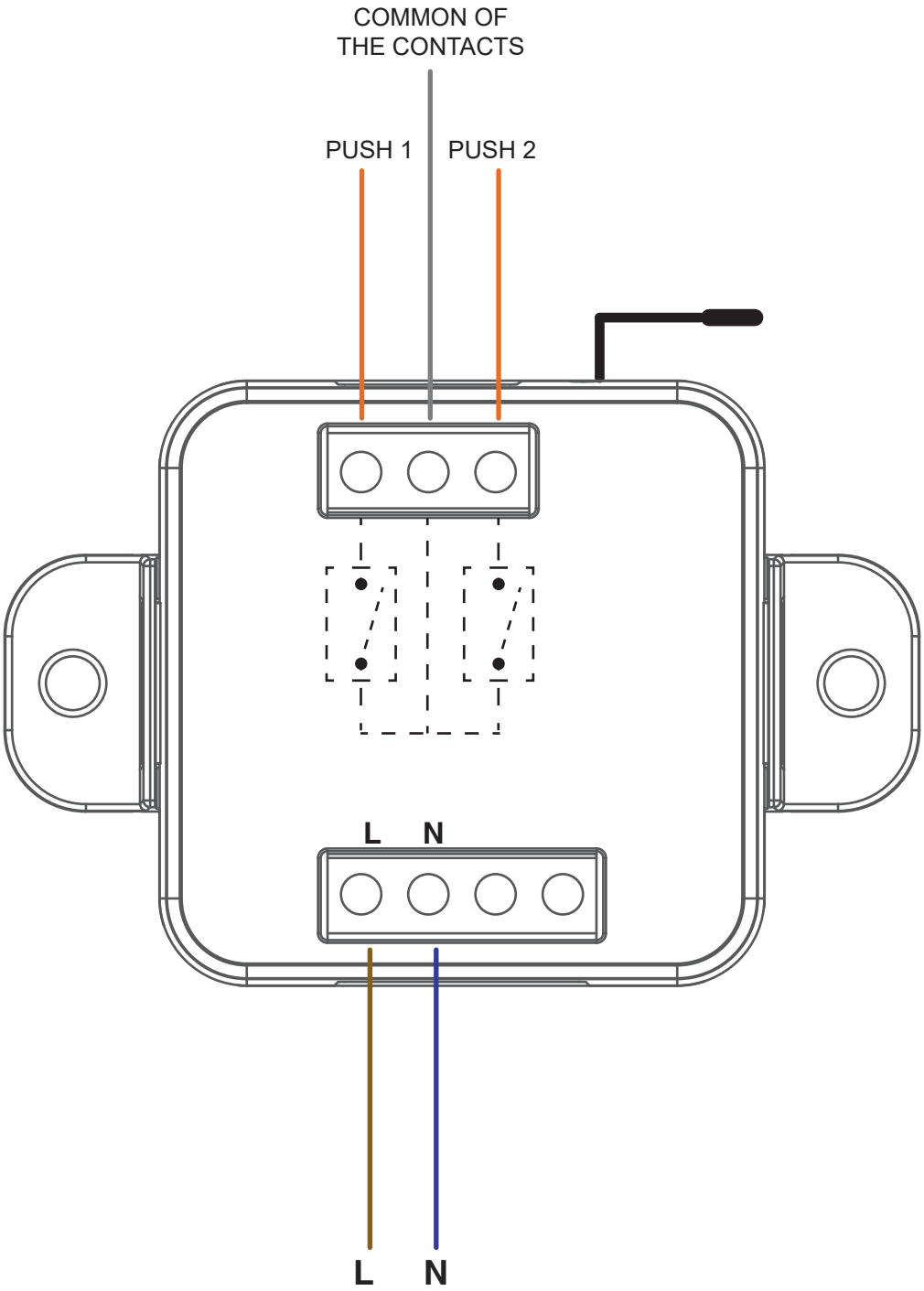


L&L Luce&Light / Via Trescalini, 5 / 36031 Dueville, Vicenza / Italy / T +39 0444 36 05 71 / F +39 0444 59 43 04
E lucelight@lucelight.it / www.lucelight.it

2 - CONNECTION DIAGRAMS

RECOMMENDATIONS

- Installation must be carried out only by professional technicians in accordance with the applicable electrical and safety regulations.
- All connections shall be operated without electrical voltage.
- Use proper cables.
- Don’t cut the antenna.
- Provide in the power line with an appropriate disconnection device.
- Dispose of waste materials in full compliance with local law.
- Do not exceed the specified load limits.

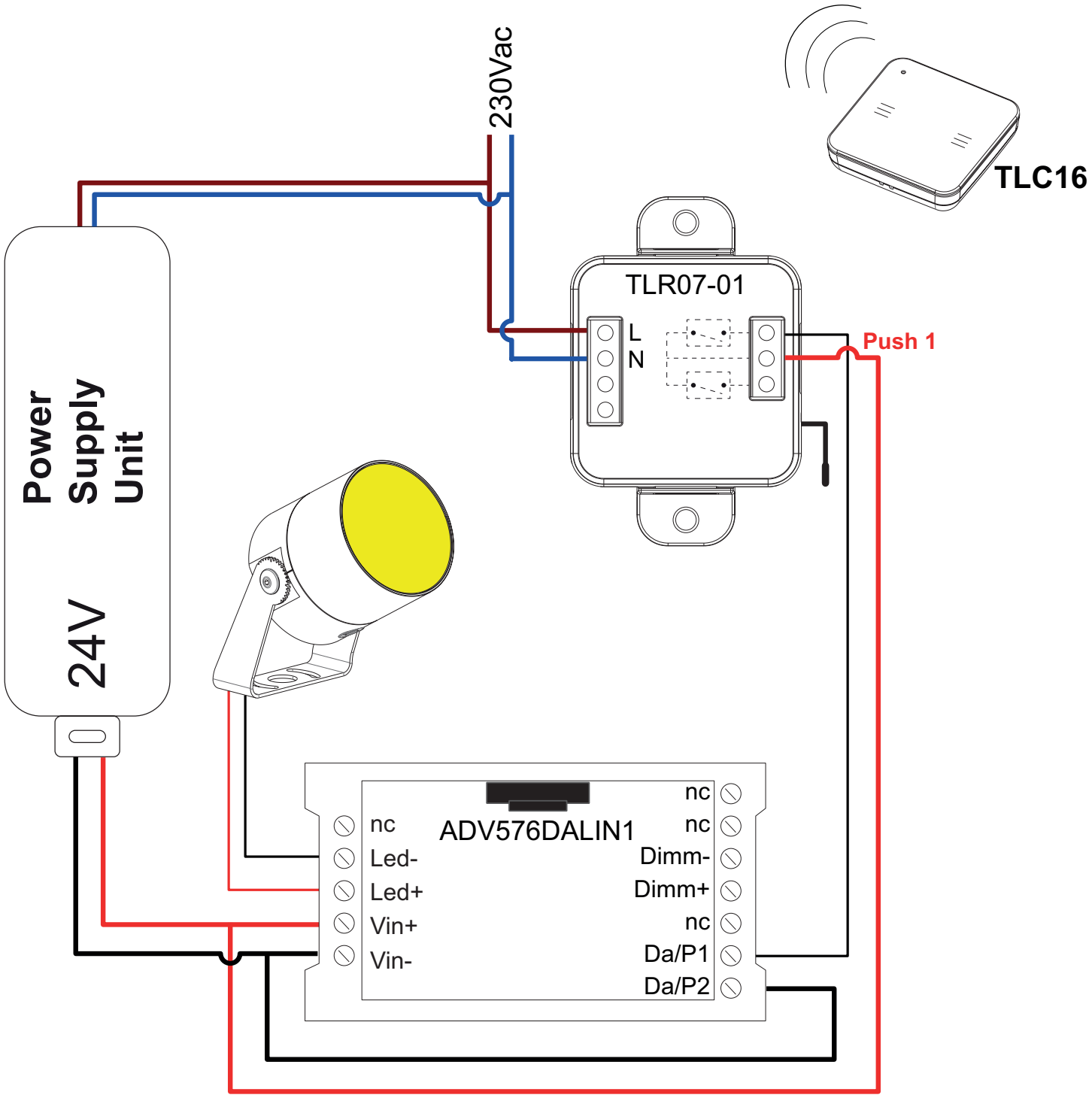


3 - USE OF THE CONTROL UNIT

To control the loads via radio you must have compatible transmitters and therefore must carry out the association procedure, see paragraph 4.
If the transmitter is of a generic type, its operation are:

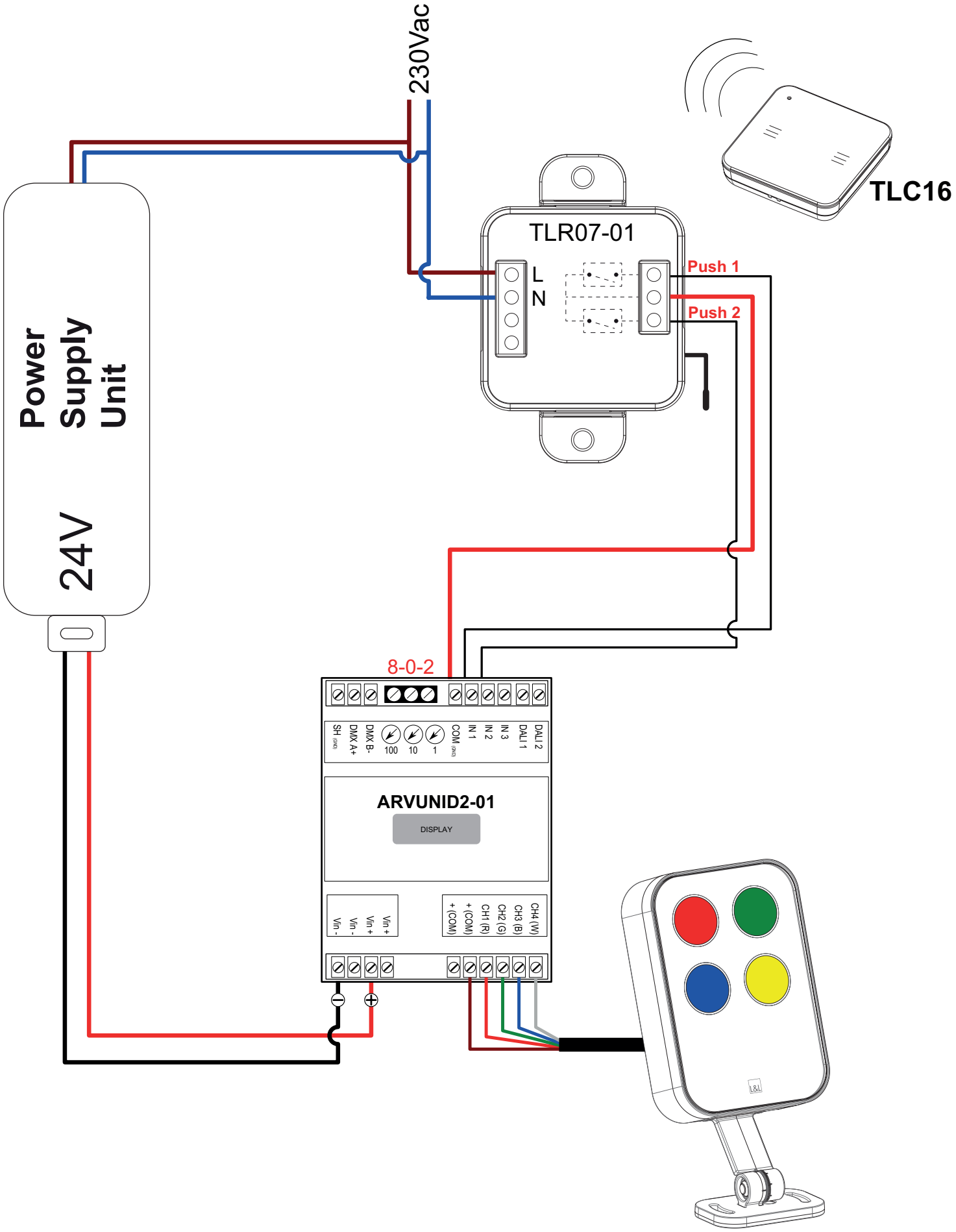
SHORT PRESS: Close and reopen the contact.
LONG PRESS: Holds close the contact until the release of the button.

3.1 CONNECTION DIAGRAM EXAMPLE



WARNING: the connections shown are an example. Check the type of connection required by the driver you are using. The outputs of the TLR07-01 control unit behave like two NO buttons with the shared common.

L&L Luce&Light / Via Trescalini, 5 / 36031 Dueville, Vicenza / Italy / T +39 0444 36 05 71 / F +39 0444 59 43 04
E lucelight@lucelight.it / www.lucelight.it


230Vac
TLC16
TLR07-01
L
N
Push 1
Push 2
Power Supply Unit
24V
8-0-2
SH (GND)
DMX A+
DMX B-
100
10
1
COM (GND)
IN 1
IN 2
IN 3
DALI 1
DALI 2
ARVUNID2-01
DISPLAY
Vin -
Vin -
Vin +
Vin +
+ (COM)
+ (COM)
CH1 (R)
CH2 (G)
CH3 (B)
CH4 (W)

4 - RADIO PROGRAMMING

This procedure lets you programme compatible multifunctional or generic transmitters.

4.1 - RADIO CONTROL PROGRAMMING

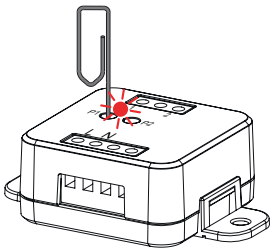
PROGRAMMING OUT 1:

1 - Press the button P1 on the receiver for a short time. The LED comes on RED and stays on.

2 - Make a transmission with the remote control to be saved (see transmitter manual, the paragraph entitled “transmitter programming”). The LED on the receiver flashes 3 times to signal that it has been received and turns off.

STEP 1

Press the button P1 on the receiver for a short time.
The LED comes red on and stays on.

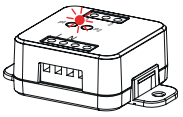


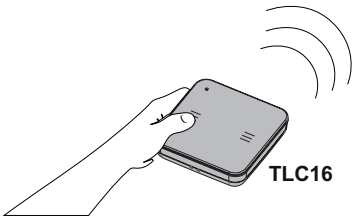
ACTION: Short pressure P1 button **LED:** Turns on red

STEP 2

Within 60 seconds make a transmission with the transmitter to be saved.

The LED on the receiver Flashes 3 times and turns off.





ACTION: Send a command with remote control **LED:** Flashes 3 times red

L&L Luce&Light / Via Trescalini, 5 / 36031 Dueville, Vicenza / Italy / T +39 0444 36 05 71 / F +39 0444 59 43 04
E lucelight@lucelight.it / www.lucelight.it

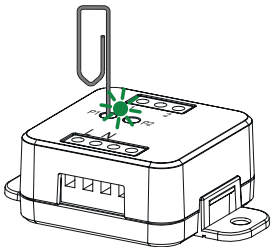
PPROGRAMMING OUT 2:

1 - Press the button P1 on the receiver for a short time. The LED comes on GREEN and stays on.

2 - Make a transmission with the remote control to be saved (see transmitter manual, the paragraph entitled “transmitter programming”). The LED on the receiver flashes 3 times to signal that it has been received and turns off.

STEP 1

Press the button P1 on the receiver for a short time.
The LED comes red on and stays on.

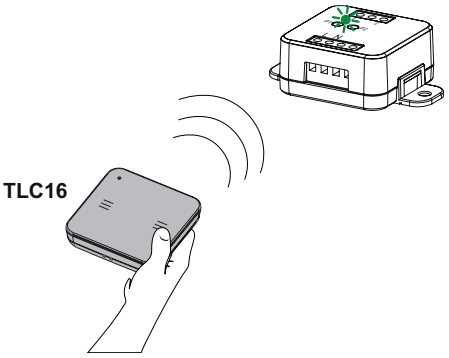


ACTION: Short pressure P1 button **LED:** Turns on green

STEP 2

Within 60 seconds make a transmission with the transmitter to be saved.

The LED on the receiver Flashes 3 times and turns off.



ACTION: Send a command with remote control **LED:** Flashes 3 times green

5 - DELETION OF TRANSMITTERS

These procedures let you delete from the memory transmitters that have already been programmed.

DELETION OF SINGLE TRANSMITTER:

1 - Hold the receiver button P1 down for 8 seconds. The LED begins to flash.
2 - Make a transmission with the transmitter that you want to delete. The LED flashes quickly and turns off.

DELETION OF ALL THE SAVED TRANSMITTERS:

1 - Hold the receiver button P1 down for 8 seconds. The LED begins to flash.
2 - Press the button on the receiver for a short time. The LED starts flashing quickly and turns off.

L&L Luce&Light / Via Trescalini, 5 / 36031 Dueville, Vicenza / Italy / T +39 0444 36 05 71 / F +39 0444 59 43 04
E lucelight@lucelight.it / www.lucelight.it