



EXT3L

V1

2-way lighting module kit 250 W - With switch

Ref. 701202

EN



CASA



HOTLINE

2 YEARS
WARRANTY

INSTALLATION AND USER MANUAL



Thank you for
purchasing a **CASA**
2-way kit.

1 - OPERATING PRECAUTIONS

- Do not allow children to operate the product.
- This product is designed exclusively for indoor use.
- This product is designed to be used with an EXTEL CASA remote control.
- Do not use this product to control an extension block.
- Do not install near acidic chemicals, ammonia or sources of toxic gases.
- Do not install near other electronic devices such as computers, televisions or video recorders.

2 - MAINTENANCE AND CLEANING

- Use a soft, slightly damp cloth to clean your product.
- Do not use abrasive or corrosive substances.
- Do not spray any products directly onto the unit

3 - RECYCLING



The disposal of used batteries in household waste is strictly forbidden. Batteries/accumulators containing harmful substances are marked with symbols (shown opposite) which indicate that it is forbidden to discard them in the household waste. The corresponding heavy metals are referred to as follows: Cd = cadmium, Hg = mercury, Pb = lead. You can dispose of these used batteries/accumulators at local waste facilities (centres for sorting recyclable materials), which are required to accept them. Keep batteries/button cells/accumulators out of reach of children and store them in a safe place not accessible to them. They could be swallowed by children or pets. Risk of death! In the event that a battery is swallowed, consult a doctor or go to A&E immediately. Never short-circuit the batteries, and do not burn or recharge them, as they may explode!

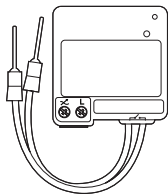


This symbol means that devices no longer in use should not be disposed of with household waste. The hazardous substances they may contain can be harmful to health and the environment. Return the equipment to your local distributor or use the recycling collection service provided by your local council.

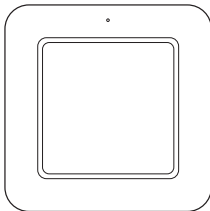


B - KIT CONTENTS

1 x1



2 x1



3 x1



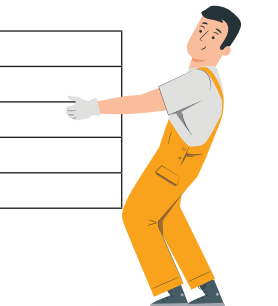
4 x2



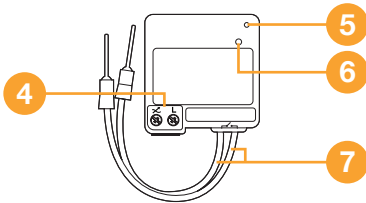
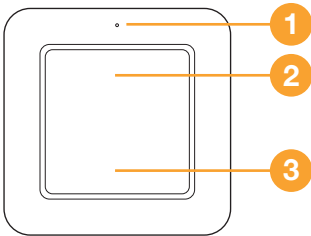
5 x2



1	Receiver module
2	1-way switch
3	CR2032 battery
4	Screw
5	Double-sided tape



C - PRODUCT DESCRIPTION



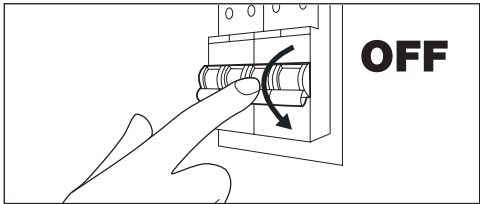
1	LED
2	ON
3	OFF
4	Power supply terminals
5	LED indicator
6	Button
7	Pilot wires

C - INSTALLING THE RECEIVER MODULE

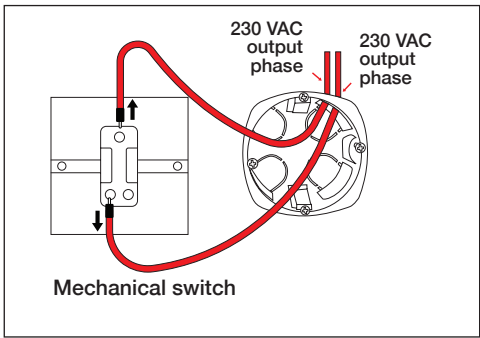
Warning: Risk of electric shock. If in doubt, or if you are not a qualified professional, please call upon a technician or expert before carrying out any work. Do not attempt to intervene unless you are fully familiar with the safety procedures.

Remember: The load on your lighting circuit must be compatible with the module's specifications. To check compatibility, please refer to the "Technical Specifications" section.

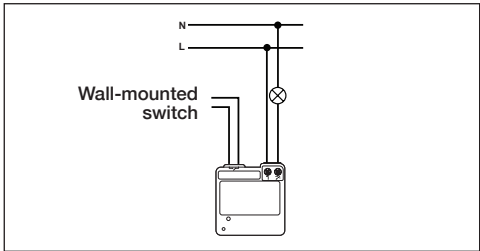
1. Before installing the module, switch off the power supply at the main electrical panel.



2. Disconnect the live wires from the terminals on the mechanical switch.

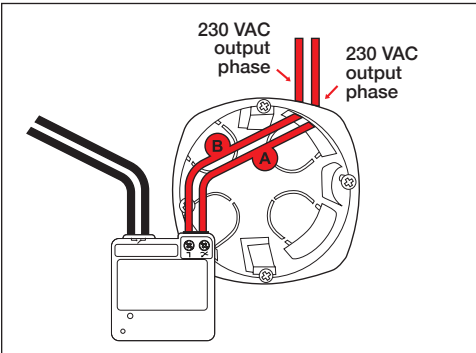


3. Connect the wires to the module as shown in the diagram below:

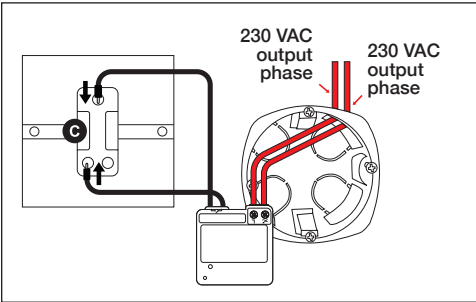


A - Connect the live wire from the load (lamp) to terminal .

B - Connect the 230 V AC live wire (mains supply) to terminal L on the module.



C - Connect the two wires from the module to the terminals on the mechanical switch. Do not connect any voltage (230 V or other) to the contacts between the mechanical switch and the module.



4. Tighten all the terminal screws securely.

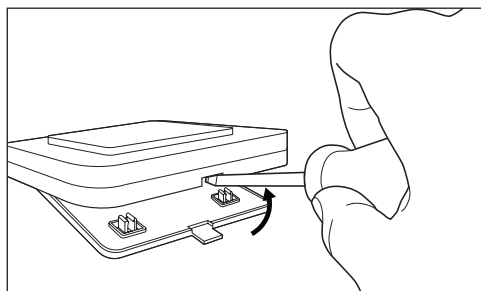
Note: do not reinstall the wall-mounted switch or restore the power supply.

D - FITTING THE BATTERY INTO THE SWITCH

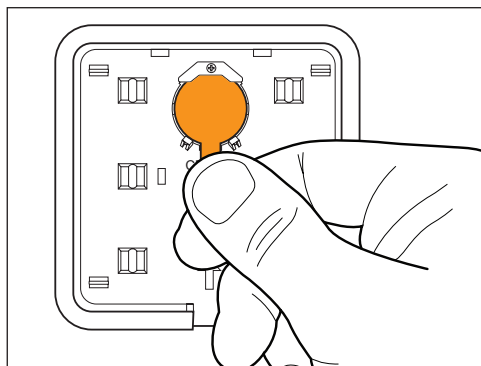
Before using the switch for the first time, you need to remove the insulator pad from the battery.

Note: The red LED will flash once every 4 seconds to indicate that the battery is low.

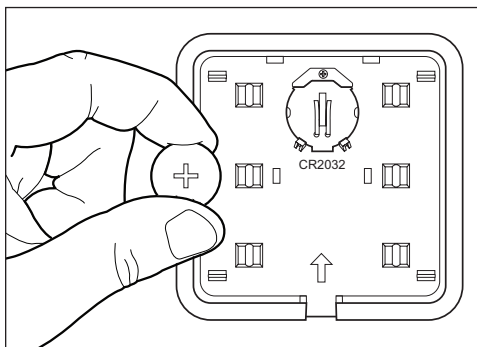
Using a flat-head screwdriver, gently insert it into the slot at the bottom, then lift the rear panel to open it. And remove the rear panel.



Remove the battery insulating tape.
(To be done only on first use).



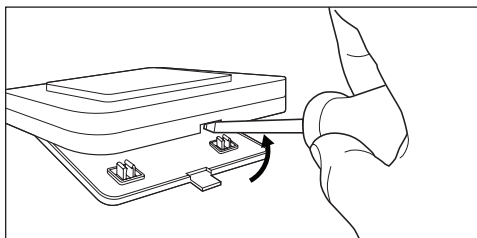
Or replace it with a new 3 V CR2032 battery, making sure the positive terminal is pointing up.



E - FITTING THE MOUNTING BRACKET

The wireless wall-mounted switch can be installed in two different ways.

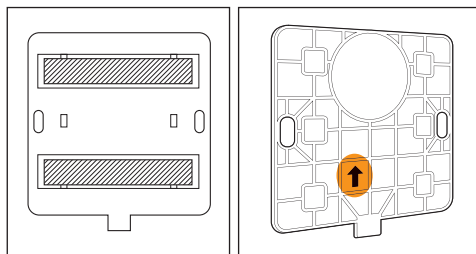
Using a flat-head screwdriver, gently insert it into the slot at the bottom, then lift the rear panel to open it. And remove the rear panel.



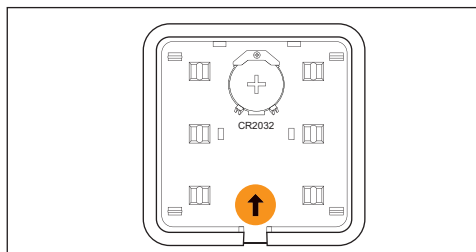
Method 1: Using the double-sided tape included in the accessory kit.

1. Position the adhesive tape correctly on the back.
2. Stick the double-sided tape to the back of the bracket and attach the rear cover to the desired position in your home. The contact surface must be clean and flat.

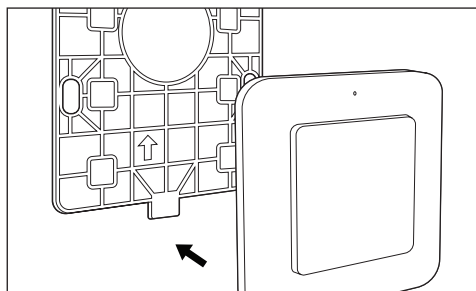
Note: Please make sure the arrow engraved on the bracket is pointing up.



There is also an arrow behind the switch. Make sure both arrows are pointing up.

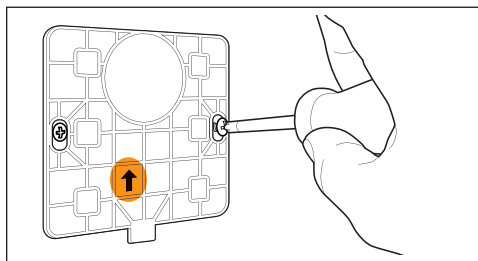


Align the switch with the bracket and apply gentle pressure until you hear several clicks.

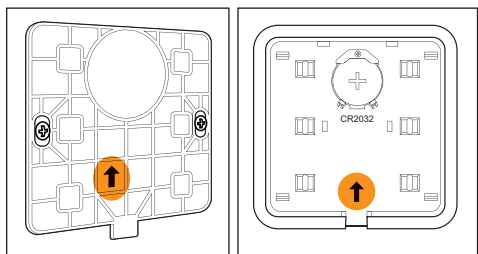


Method 2: Secure using the 2 screws included in the accessory kit

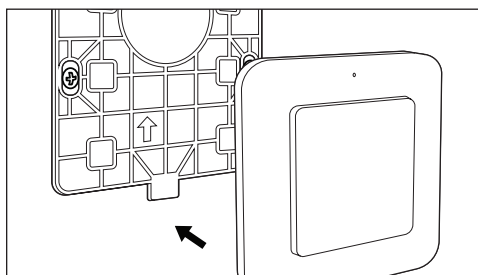
Position the rear bracket on your wall, making sure the arrow is pointing up, then secure it firmly using the 2 screws.



There is also an arrow behind the switch. Make sure both arrows are pointing up.



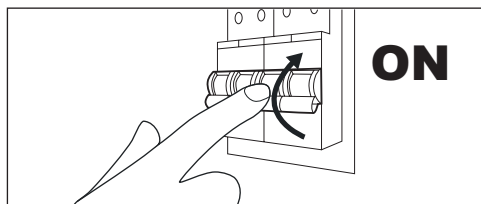
Align the switch with the bracket and apply gentle pressure until you hear several clicks.



F - PAIRING THE MODULE WITH THE SWITCH

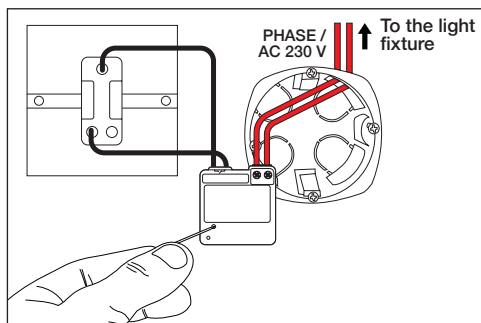
1. Restore the power supply to pair the module.

PLEASE NOTE: Risk of electric shock! Do not touch any bare wires or metal parts.

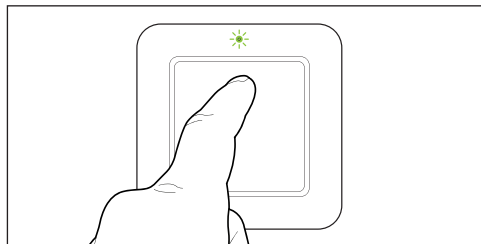


IMPORTANT: The load (lamp) must be in the “OFF” position during “pairing” and “unpairing” operations.

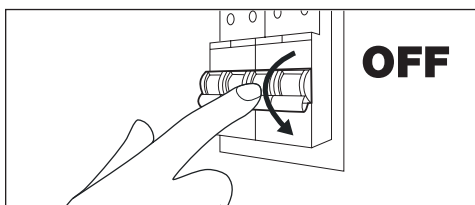
2. Press the button on the lighting module once (the LED will flash) to enter learning mode.



Press the “ON” button on the wall-mounted switch. The light fixture will flash twice to confirm that the module and switch have been paired.



3. Switch off the power supply at the main electrical panel again and reinstall your mechanical wall-mounted switch fitted with the lighting module.



4. Once everything has been reassembled, restore the power supply.

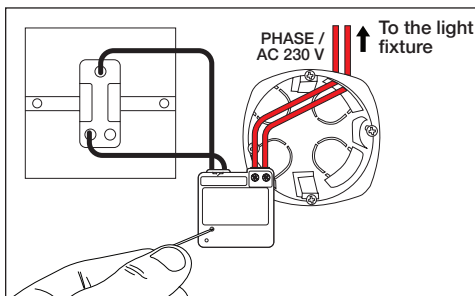
NOTE: learning mode lasts for 12 seconds; if no signal is sent to the module, it will automatically exit learning mode without having paired the switch.

Note: To exit learning mode manually, simply press the button on the module again.

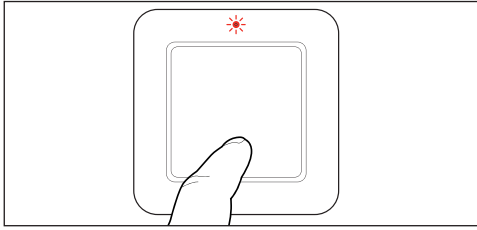
G - PROCEDURE FOR UNPAIRING THE SWITCH FROM THE MODULE

Removing a device:

1. Important: The load (lamp) must be in the “OFF” position during “pairing” and “unpairing” operations.
2. On the lighting module, press the button once briefly (the LED on the module will flash) to enter learning mode.



3. On the wall-mounted switch, press the “OFF” button. The light fixture will flash twice to confirm that the module has now been unpaired.



H - PROCEDURE FOR CLEARING THE RECEIVER MODULE'S MEMORY

On the receiver module, press and hold the button for 6 seconds (the LED on the module will flash quickly), release it, then press it once more. The lamp(s) will flash twice to confirm that all transmitters have been deleted from memory.

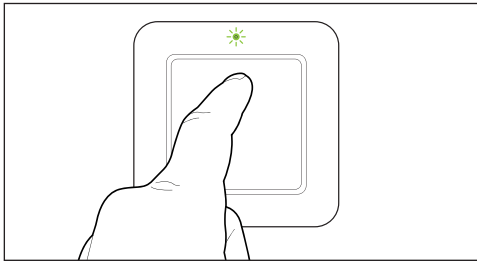
I - POSSIBLE OPERATION OF THE SWITCH

Meaning of the LED colours.

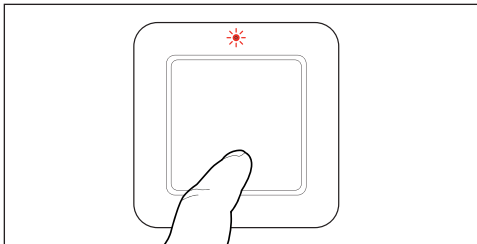
LED STATUS	MEANING
The LED flashes once every 4 seconds	Low battery
The LED flashes red twice	OFF
The LED flashes green once	ON
The LED flashes green quickly	Setting the timer

ON/OFF OPERATION

Switching on the paired device: Press the ON button once. The green LED flashes once.



Switching off the paired device: Press the OFF button once. The red LED flashes twice.



TIMER FUNCTION

The delay timer allows the connected module to switch off automatically after a predetermined period. When the module is switched on, the countdown starts immediately and the module switches off automatically when the selected time reaches zero. You can switch this function off at any time by pressing the OFF button. In this case, the next time the power is switched on, the timer will restart from the beginning according to the selected setting.

There are six time delays available: no delay (0), 5 seconds, 1 minute, 10 minutes, 30 minutes and 60 minutes.

The selected mode is indicated by the LED. When the timer is set to 0s, the LED flashes once at each interval. For 5 seconds, it flashes twice; for 1 minute, three times; for 10 minutes, four times; for 30 minutes, five times; and for 60 minutes, six times. The number of flashes therefore makes it easy to identify the active duration.

Accessing timer configuration mode

To access timer configuration mode, press and hold the ON and OFF buttons simultaneously for three seconds. The green LED will start to flash, with the number of flashes indicating the currently selected delay mode. To change this setting, press the ON button to increase the duration in successive increments, or the OFF button to decrease it.

Once you have selected the desired duration, press and hold the ON and OFF buttons again for three seconds. The green LED flashes quickly to confirm that the setting has been saved.

Note: If no action is taken for 16 seconds, configuration mode will close automatically and the change will not be saved.

Example configuration for a timer with a 1-minute delay (0 to 1 minute)

1. Press and hold the ON and OFF buttons for 3 seconds. The green LED will flash once between each interval
2. Press the ON button once to move on to the next step (5 s). The green LED will flash twice between each interval. Press the ON button again to move to the next timer setting (1 min); the green LED will flash three times.
3. Press and hold the ON and OFF buttons for 3 seconds to save the 1-minute delay timer; the LED will flash quickly to confirm that the timer has been set.

J - POSSIBLE OPERATION ON THE MECHANICAL SWITCH FITTED WITH THE RECEIVER MODULE

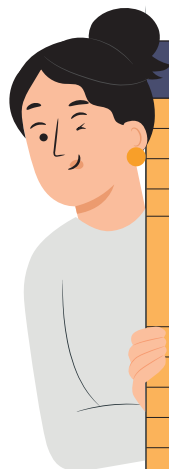
ON/OFF function:

Press the mechanical switch fitted with the receiver module once to switch the light fixture on; press it again to switch it off.

Example of use in conjunction with the 1-way switch: If the lamp is switched on using the mechanical wall-mounted switch, it can then be switched off using the 1-way switch.

To switch the lamp back on, you can either: Press the ON button on the 1-way switch OR press the button once on the mechanical wall-mounted switch fitted with the receiver module.





1-WAY SWITCH

DISTANCE	50 m in open space
FREQUENCY	433.92 MHZ
MAX RADIO POWER	ERP 10 dBm
USE	Indoor
OPERATION	ON/OFF or with a delayed OFF function of 5 seconds, 1 minute, 10 minutes, 30 minutes or 60 minutes. Red and green LED indicators show the various operating states. The switch has a low-battery indicator.
POWER SUPPLY	Runs on one 3 V CR2032 battery (included).
INSTALLATION	Surface mounted
DIMENSIONS	Height 80 mm x Width 80 mm x Thickness 15 mm
WEIGHT	60 g
OPERATING TEMPERATURE RANGE	-10 to 35°C
STANDARD AND CERTIFICATION	CE, RoHS

LIGHTING MODULE

INSTALLATION	Flush-mounted
FREQUENCY	Receiver: 433.92 MHZ
MAX. POWER	250 W (resistive load)
POWER SUPPLY	230 V-50 Hz
USE	Indoor
MAX. POWER	Incandescent/halogen light (230 V): 3 W -250 W Non-dimmable LED lamp (230 V): 3 W -200 W 230 V non-dimmable energy-saving lamp: 3 W -200 W Electronic transformers (12 V-): 20 W -250 W Inductive transformers (12 V-): 40 W -250 W Not compatible with fluorescent lamps
DIMENSIONS	Height 42 mm x Width 45 mm x Thickness 14 mm
WEIGHT	29.5 g
OPERATING TEMPERATURE RANGE	0 to 35°C:
STANDARD AND CERTIFICATION	CE, RoHS

Important: Reduction in the connected load due to the power factor.

When calculating the connected load for LED bulbs (or compact fluorescent bulbs) at the module connected to the light fixture, take into account the power factor of non-dimmable LED lighting (or non-dimmable compact fluorescent bulbs). Please refer to the general calculation below for this purpose.

Rated power = number of LED light sources * (rated power of the LED bulb / power factor)

Example: 10 bulbs * (5 W per bulb / power factor of 0.8) = 62.5 watts

For non-dimmable compact fluorescent lamps, use the same calculation, taking into account the power factor when the lamp is operating at its rated power.

1 - WARRANTY

- The warranty is void if parts have been dismantled. Clean the outside with a soft, dry cloth only. Before cleaning, disconnect or switch off the device.

PLEASE NOTE

- Do not use any carboxylic acid, alcohol, or similar chemicals on the product. In addition to damaging your device, the fumes are also hazardous to your health and are explosive.
 - Do not use any tool that can conduct voltage (wire brush, sharp tool, etc.) for cleaning.
- If needed, visit our technical website: www.avidsen.com

Download the latest version of the instructions in colour from: www.avidsen.com

2 - WARRANTY CONDITIONS

- This product is guaranteed for parts and labour in our workshops.
- The warranty does not cover: consumables (batteries, etc.) and damage caused by misuse, improper use, improper installation, external intervention, damage due to physical or electrical shocks, dropping or atmospheric phenomena.
- Do not open the device, as this will void the warranty.
- Clean with a soft cloth only, no solvents. The warranty is void if parts have been dismantled. Clean the outside with a soft dry cloth only. Before cleaning, disconnect the equipment or switch it off at the mains.
- The receipt or invoice is proof of purchase date.

If you experience any issues, please visit:
www.avidsen.com — Support section



Avidsen, undersigned, states that radio equipment such as the EXTEL CASA 701202 is compliant with Directive 2014/53/EU

Standards:

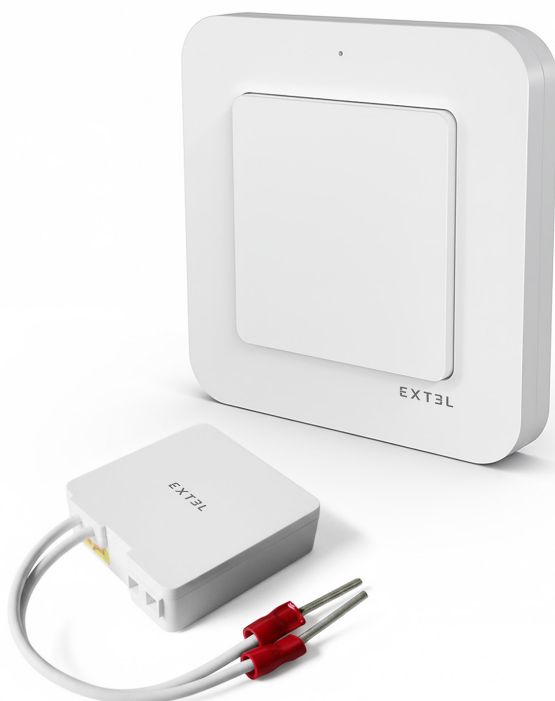
Lighting control module:

ETSI EN 300 220-1 V3.1.1 (2017-02)
ETSI EN 300 220-2 V3.3.1 (2025-03)
EN 301 489-1 V2.2.3 (2019-11)
EN 301 489-3 V2.3.2 (2023-01)
EN IEC 62311:2020
EN 50665:2017
EN IEC 55015: 2019+A11:2020
EN IEC 61547:2023
EN IEC 61000-3-2:2019/A2:2024
EN 61000-3-3:2013+A1:2019+A2:2021
EN IEC 60669-2-1:2022 used in conjunction with EN 60669-1:2018

1-way switch

EN IEC 62368-1:2020+A11:2020
EN 50663:2017
EN 62479:2010
ETSI EN 301 489-1 V2.2.3 (2019-11)
ETSI EN 301 489-3 V2.3.2 (2023-01)
ETSI EN 300 220-1 V3.1.1 (2017-02)
ETSI EN 300 220-2 V3.2.1 (2018-06)

Tours, 15/07/2026
Alexandre Chaverot, CEO



EXT3L

CASA

19 avenue Marcel Dassault
ZAC des Deux Lions - 37200 Tours - France
www.avidsen.com