

SENSORS

CONTROLLING THE LIGHT

To control the luminaires in a furniture, Domus Extra offer a wide **range of sensors that meet any expectation**. In fact, the lighting requirements may vary either with respect to the functions offered by the device or satisfy the user's specific needs.

Some types of sensors make possible to **turn the luminaires on and off and control them manually**. Others offer the ability to manage controls of this type **automatically and independently** of the user. Using a completely or partially automated system to control the lighting, increases the **visual comfort** and provides increased **energy savings** due primarily to lower power consumption.

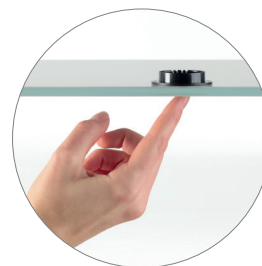
From a design viewpoint, the interests of the household are now consolidated with those of controlling and managing a resource that, in addition to its undoubted advantages, can produce conditions of significant visual discomfort. From a technological viewpoint, the now stable distribution of LED devices, the evolution in the techniques for managing control signals, the refinement of electronic components and the development of new designs such as **dynamic lighting** and **mixing of colored lighting** have given a new impulse to the supply of systems for controlling artificial light.

Using Domus Extra sensors, control of the light is assured!



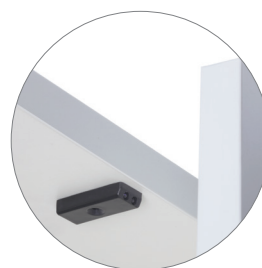
TOUCH SWITCHES

The Domus Extra **Electronic Touch Switches** are developed with touch capacitive technology that makes possible to turn on, turn off and dim the light intensity with a simple touch. Configured to control both **12Vdc** and **24Vdc** LED luminaires, some of them also offer a **“flash”** function that indicates that maximum light intensity has been reached, the **“level memory”** function that memorizes the light intensity level and the **“night light”** function that is activated only when the luminaires are turned off by increasing the luminosity of the signaling LED of the switch. Some models are specifically designed to be installed **behind a mirror** (Touch Mirror) or **hidden behind a panel** (CAPSENS).



INFRARED SENSORS

The range of Domus Extra infrared sensors makes a number of solutions available to the user, each of which is adapted to the type of installation and the intended functions. **Surface and recessed sensors are available, with limit-switch or on-off setup** or to regulate the **12Vdc or 24Vdc** device directly rather than having it connected to the Input of a power supply. In limit-switch mode, turn-on and turn-off are activated by opening and closing the door on the back of which the sensor is installed. In the **on-off and on-off + dimmer mode**, it is possible to turn the device on and off and to dim the light intensity by moving the hand close to the sensor. The multiple sensors (MULTI SIMPLY, MULTI LIMIT and COMBO) are designed to control groups of independent devices or to drive the control unit itself from different places.



MOTION DETECTORS

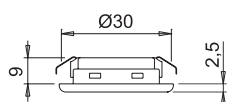
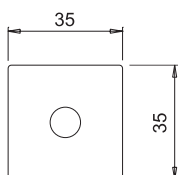
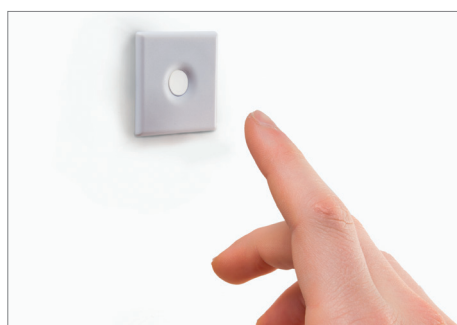
The Domus Extra Motion Detectors are designed with **PIR (passive infrared)** sensors and are **double technology presence sensors** (movement and temperature). The luminaires connected to these sensors are turned on and off by **detection of temperature changes combined with movement**, which happens within the photocell field detection. **Surface and recessed sensors are available to regulate both the 12Vdc and 24Vdc** LED devices directly, rather than being connected to the Input of a power supply. Some of these make possible to **regulate the turn-off delay time** according to the preference of the end user.



REMOTE CONTROLLERS

Thanks to radio frequency transmission technology, Domus Extra offers a series of controllers specifically designed for the interior furniture. Configured to control either **12Vdc or 24Vdc** luminaires, some of these offer the **“flash”** function, which indicates that maximum light intensity has been reached, and the **“level memory”** function that memorizes the level of light intensity. It is also possible to control more than one control unit (**master and slave configuration**) or to use the multi-channel remote control to drive up to three groups of independent devices.





white



aluminium

TOUCH ME 2.0

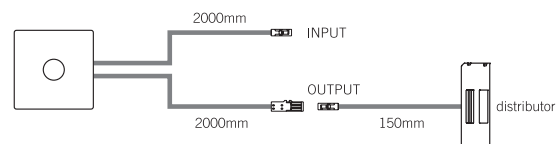
dimmable touch switch



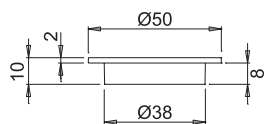
| Code | Input | Output | Power | Connectors | Finish |
|---------|----------|----------|--------|-----------------|-----------|
| 1738901 | 12Vdc | 12Vdc | 30W | Micro12 | white |
| 1738910 | 12Vdc | 12Vdc | 30W | Micro12 | aluminium |
| 1749201 | 24Vdc | 24Vdc | 60W | Micro24 | white |
| 1749210 | 24Vdc | 24Vdc | 60W | Micro24 | aluminium |
| 1750701 | 12-24Vdc | 12-24Vdc | 30-60W | Micro12-Micro24 | white |
| 1750710 | 12-24Vdc | 12-24Vdc | 30-60W | Micro12-Micro24 | aluminium |

**How TOUCH ME works**

Turn on and off simply with a quick touch. With a prolonged touch, it is possible to regulate the light intensity (dimmer function). A short flash of TOUCH ME indicates that maximum light intensity has been reached, which will be memorized until it is next reset (level memory).



wood

**CAPSENS 2.0**

dimmable capacitive switch



| Code | Input | Output | Power | Connectors | Finish |
|---------|----------|----------|--------|-----------------|--------|
| 1737003 | 12Vdc | 12Vdc | 30W | Micro12 | black |
| 1749303 | 24Vdc | 24Vdc | 60W | Micro24 | black |
| 1750603 | 12-24Vdc | 12-24Vdc | 30-60W | Micro12-Micro24 | black |

**How CAPSENS works**

Turn on and off simply by contact of the hand with the surface below which CAPSENS is applied. With a prolonged touch, it is possible to regulate the light intensity (dimmer function). A short flash of CAPSENS indicates that maximum light intensity has been reached. The light intensity level will be memorized until it is next reset (level memory).

| Material | Maximum thickness |
|------------|-------------------|
| wood | 30mm |
| plexiglass | 20mm |
| glass | 12mm |

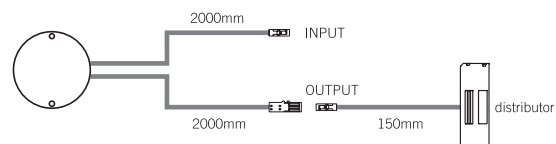
Sample data. For more details go to www.domusline.com

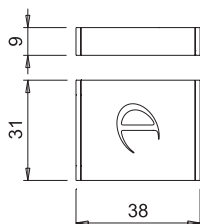


glass



plexiglass





DOT 2.0

dimnable touch switch

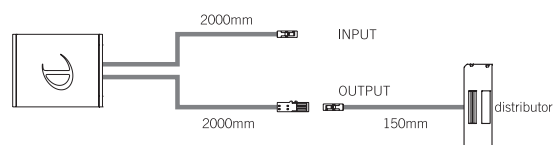


| Code | Input | Output | Power | Connectors | Finish |
|---------|----------|----------|--------|-----------------|-----------|
| 1743505 | 12Vdc | 12Vdc | 36W | Micro12 | aluminium |
| 1748805 | 24Vdc | 24Vdc | 72W | Micro24 | aluminium |
| 1750905 | 12-24Vdc | 12-24Vdc | 36-72W | Micro12-Micro24 | aluminium |



How DOT works

Turned on and off simply with a quick touch. With a prolonged touch it is possible to regulate the light intensity (dimmer function).



TLD V12

dimnable touch switch

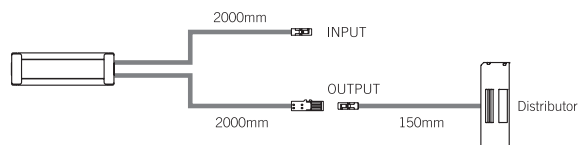


| Code | Input | Output | Power | Connectors | Finish |
|---------|----------|----------|--------|-----------------|-----------|
| 1757605 | 12Vdc | 12Vdc | 30W | Micro12 | aluminium |
| 1759405 | 24Vdc | 24Vdc | 60W | Micro24 | aluminium |
| 1759505 | 12-24Vdc | 12-24Vdc | 30-60W | Micro12-Micro24 | aluminium |



How TLD V12 works

The light is turned on or off simply with a quick touch. Using a prolonged touch, it is possible to control the light intensity (dimmer function). A short flash by the TLD V12 indicates that maximum light intensity has been reached, which will be memorized until it is next reset (level memory). TLD V12 also includes the night light function, which is activated only when the devices are turned off.

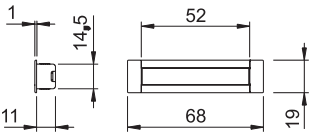




TLD V13
dimmable touch switch



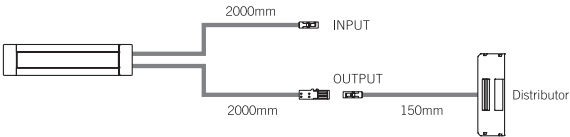
| Code | Input | Output | Power | Connectors | Finish |
|---------|----------|----------|--------|-----------------|-----------|
| 1743205 | 12Vdc | 12Vdc | 30W | Micro12 | aluminium |
| 1759605 | 24Vdc | 24Vdc | 60W | Micro24 | aluminium |
| 1759705 | 12-24Vdc | 12-24Vdc | 30-60W | Micro12-Micro24 | aluminium |



NOTE: Read the installation manual to learn details about the drilling size.

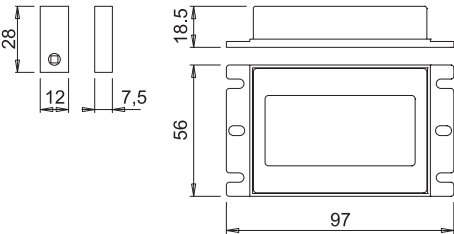
How TLD V13 works

Turning on and off is performed simply by a quick touch. Using a prolonged touch, it is possible to control the light intensity (dimmer function). A short flash by TLD V13 indicates that maximum luminosity has been reached. This luminosity level will be memorized until it is next reset (level memory). TLD V13 also includes the night-light function, which is activated only when the devices are turned off.



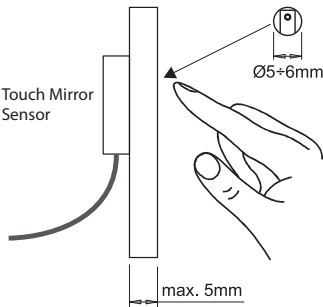
TOUCH MIRROR
CE ENEC IP44

| Code | Input | Output | Power | Finish |
|---------|--------|--------|-------|--------|
| 0844801 | 230Vac | 230Vac | 550W | black |

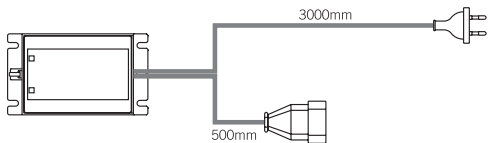


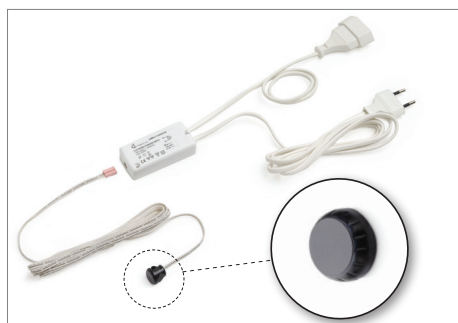
How TOUCH MIRROR works

Touch Mirror is a special electronic switch designed to be applied to the back of a glass (a mirror, for example). Turning on and off takes place simply by touching the area of the mirror where the Touch Mirror photocell is applied. The activation area must be at least 5-6 mm in diameter and preferably transparent. A maximum glass thickness of 5mm is recommended. Touch Mirror includes the night-light function and auto-on.



Sensor with 2000mm cord





230V



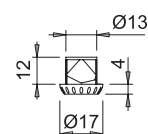
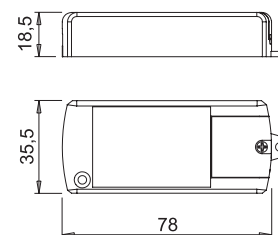
SIMPLY R1

touchless switch



| | |
|---------------|----------------------------------|
| Code | 0834901 |
| Input | 220-240Vac |
| Output | 220-240Vac |
| Power | 150W |
| Input wiring | 2000mm input cord with EU plug |
| Output wiring | 500mm output cord with EU socket |
| Sensor finish | black |

Recessed sensor



NOTE: Read the installation manual to learn details about the drilling size.



230V



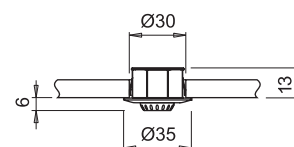
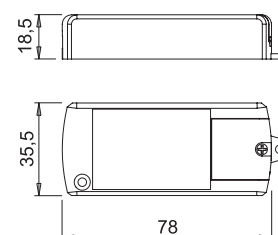
SIMPLY R2

touchless switch



| | | |
|---------------|----------------------------------|----------|
| Code | 0834909B - 0834917B - 0834928B | |
| Input | 220-240Vac | |
| Output | 220-240Vac | |
| Power | 150W | |
| Input wiring | 2000mm input cord with EU plug | |
| Output wiring | 500mm output cord with EU socket | |
| Sensor finish | chrome plated | 0834909B |
| | satin nickel | 0834917B |
| | satin chrome | 0834928B |

Recessed sensor with metal holder



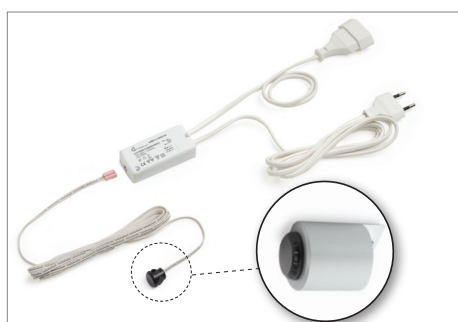
NOTE: Read the installation manual to learn details about the drilling size.



chrome plated

satin nickel

satin chrome



230V



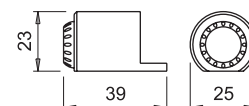
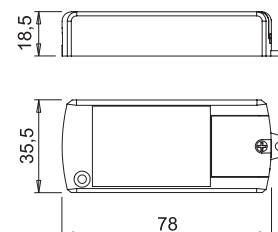
SIMPLY SP1

touchless switch



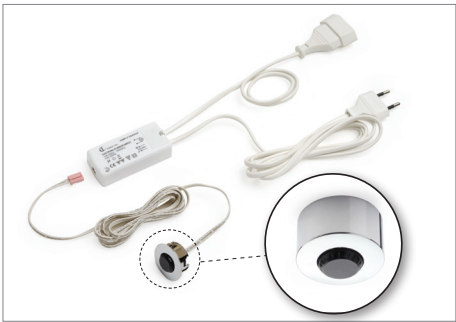
| | | |
|---------------|----------------------------------|-----------|
| Code | 0834901B3 - 0834905B3 | |
| Input | 220-240Vac | |
| Output | 220-240Vac | |
| Power | 150W | |
| Input wiring | 2000mm input cord with EU plug | |
| Output wiring | 500mm output cord with EU socket | |
| Sensor finish | white | 0834901B3 |
| | aluminium | 0834905B3 |

Surface sensor with metal holder



white

aluminium



chrome plated satin nickel satin chrome

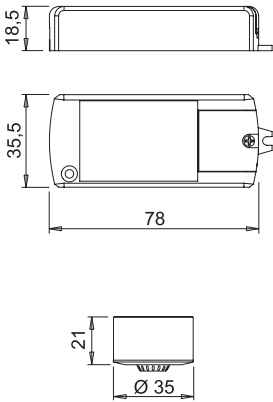
SIMPLY SP2

touchless switch



| | | |
|---------------|-----------------------------------|-----------|
| Code | 0834909B1 - 0834917B1 - 0834928B1 | |
| Input | 220-240Vac | |
| Output | 220-240Vac | |
| Power | 150W | |
| Input wiring | 2000mm input cord with EU plug | |
| Output wiring | 500mm output cord with EU socket | |
| Sensor finish | chrome plated | 0834909B1 |
| | satin nickel | 0834917B1 |
| | satin chrome | 0834928B1 |

Surface sensor with metal holder



chrome plated satin nickel satin chrome

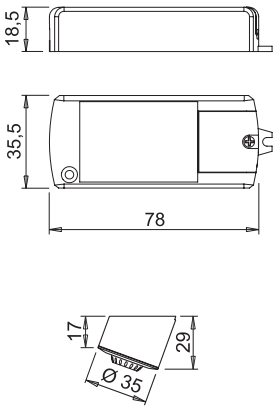
SIMPLY OB

touchless switch



| | | |
|---------------|-----------------------------------|-----------|
| Code | 0834909B2 - 0834917B2 - 0834928B2 | |
| Input | 220-240Vac | |
| Output | 220-240Vac | |
| Power | 150W | |
| Input wiring | 2000mm input cord with EU plug | |
| Output wiring | 500mm output cord with EU socket | |
| Sensor finish | chrome plated | 0834909B2 |
| | satin nickel | 0834917B2 |
| | satin chrome | 0834928B2 |

Surface sensor with metal holder



How SIMPLY works

All the SIMPLY models are configured in on-off switch mode. A rapid movement of the hand in front of the sensor makes possible to turn the device on and off.



on-off function



IR 2.0 FC

back-door proximity sensor



| Code | Input | Output | Power | Connectors | Finish |
|---------|----------|----------|--------|-----------------|--------|
| 0856301 | 12Vdc | 12Vdc | 24W | Micro12 | white |
| 0856401 | 24Vdc | 24Vdc | 48W | Micro24 | white |
| 1759801 | 12-24Vdc | 12-24Vdc | 24-48W | Micro12-Micro24 | white |



How IR 2.0 FC works

In limit-switch setup IR 2.0 FC turns the luminaire on and off when the door is opened and closed. For perfect IR 2.0 FC operation, it is recommended not to use doors with reflective, brilliant or mirrored white surfaces.

It is also recommended to observe the minimum and maximum distance of the sensor from the door, as indicated in the installation manual.

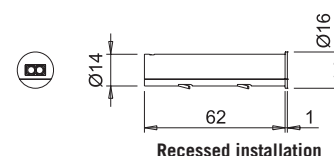
The IR 2.0 FC set up can be changed by pressing the microswitch for 3 seconds and then switch to the IR 2.0 SD setup in dimmer switch mode.



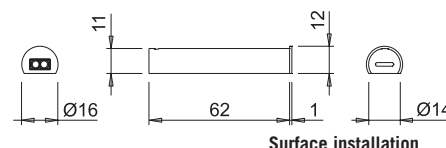
back edge of door



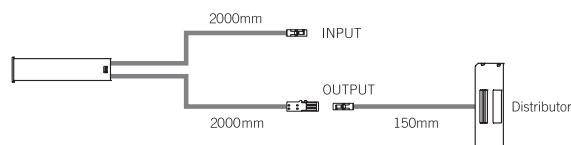
In-compartment



Recessed installation



Surface installation



IR 2.0 SD

dimmable touchless switch



| Code | Input | Secondary | Power | Connectors | Finish |
|---------|----------|-----------|--------|-----------------|--------|
| 0852801 | 12Vdc | 12Vdc | 24W | Micro12 | white |
| 1759901 | 24Vdc | 24Vdc | 48W | Micro24 | white |
| 1760001 | 12-24Vdc | 12-24Vdc | 24-48W | Micro12-Micro24 | white |



How IR 2.0 SD works

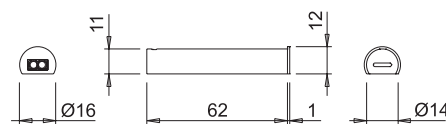
In dimmable switch mode, IR 2.0 SD turns on and off and controls the light intensity of the luminaire simply by moving your hand close to the sensor. A rapid movement makes possible to turn the device on or off, while with the device turned on constant presence of the hand in front of the sensor makes possible to control the light intensity.



on-off function

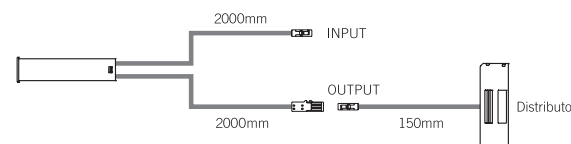


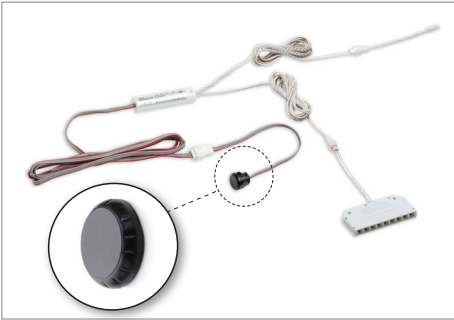
dimmer function



under cabinet

The IR 2.0 SD setup may be changed by pressing the microswitch for 3 seconds, thus changing to the IR 2.0 FC set up in limit-switch mode.





Micro 12

Micro 24

12Vdc

24Vdc

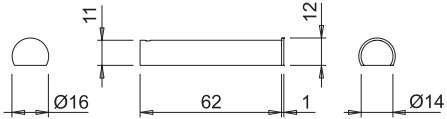
How IR MK2 FC works

IR MK2 FC is supplied in limit switch mode. IR MK2 FC turns the luminaire on and off when the door is opened or closed. In order for IR MK2 FC to operate perfectly, it is recommended to avoid using doors with reflecting white, shining or mirrored surfaces. It is also recommended to observe the minimum and maximum distance of the sensor from the door, as indicated in the installation. manual.

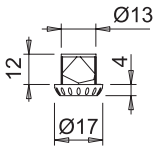
IR MK2 FC
back-door proximity sensory

CE EAC

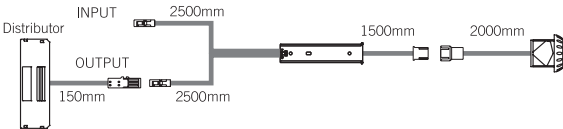
| Code | Input | Output | Power | Connectors | Finish |
|---------|----------|----------|--------|-----------------|--------|
| 1771201 | 12Vdc | 12Vdc | 24W | Micro12 | black |
| 1771301 | 24Vdc | 24Vdc | 48W | Micro24 | black |
| 1771401 | 12-24Vdc | 12-24Vdc | 24-48W | Micro12-Micro24 | black |



Electronic control unit



Infrared sensors



NOTE: Read the installation manual to learn details about the drilling size.



Micro 12

Micro 24

12Vdc

24Vdc

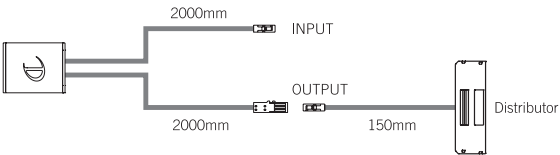
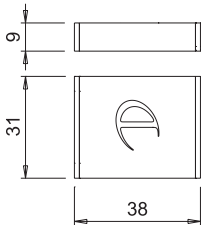
How DOT IR works

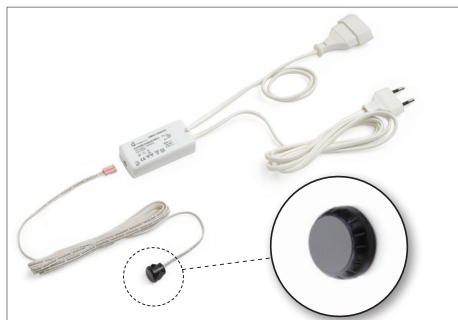
DOT IR is an infrared sensor with limit-switch function for installation inside a cabinet. The luminaires connected to the DOT IR are turned on and off by opening and closing the door that is in front of the sensor. It is also recommended to observe the minimum and maximum distances of the sensor from the door, as indicated in the installation manual.

DOT IR 2.0
back-door proximity sensor

CE EAC

| Code | Input | Output | Power | Connectors | Finish |
|---------|----------|----------|--------|-----------------|-----------|
| 1743605 | 12Vdc | 12Vdc | 36W | Micro12 | aluminium |
| 1760105 | 24Vdc | 24Vdc | 72W | Micro24 | aluminium |
| 1752805 | 12-24Vdc | 12-24Vdc | 36-72W | Micro12-Micro24 | aluminium |





230V



LIMIT

back-door proximity sensor



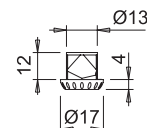
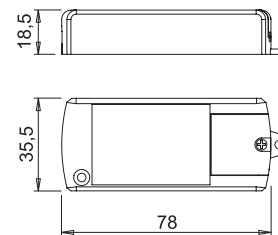
| | |
|---------------|----------------------------------|
| Code | 0835101 |
| Input | 220-240Vac |
| Output | 220-240Vac |
| Power | 150W |
| Input wiring | 2000mm input cord with EU plug |
| Output wiring | 500mm output cord with EU socket |
| Sensor finish | black |

Recessed sensor

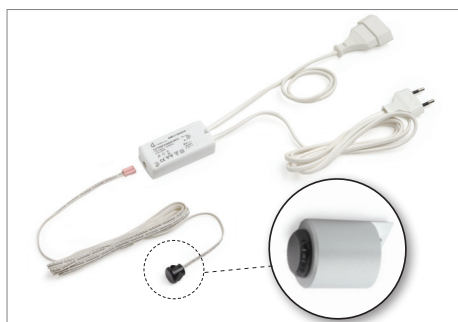
How LIMIT works

LIMIT is an infrared sensor with a limit-switch function for installation inside cabinet. Devices connected to LIMIT are turned on and off by opening and closing the door that is in front of the sensor.

It is also recommended to observe the minimum and maximum distances of the sensor from the door, as indicated in the installation manual.



NOTE: Read the installation manual to learn details about the drilling size.



230V



LIMIT SP

back-door proximity sensor



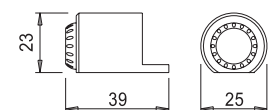
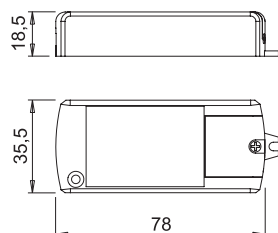
| | | |
|---------------|----------------------------------|----------|
| Code | 0835101B - 0835105B | |
| Input | 220-240Vac | |
| Output | 220-240Vac | |
| Power | 150W | |
| Input wiring | 2000mm input cord with EU plug | |
| Output wiring | 500mm output cord with EU socket | |
| Sensor finish | white | 0835101B |
| | aluminium | 0835105B |

Surface sensor with metal holder

How LIMIT SP works

LIMIT SP is an infrared sensor with a limit-switch function for installation inside cabinet. Devices connected to LIMIT SP are turned on and off by opening and closing the door that is in front of the sensor.

It is also recommended to observe the minimum and maximum distances of the sensor from the door, as indicated in the installation manual.



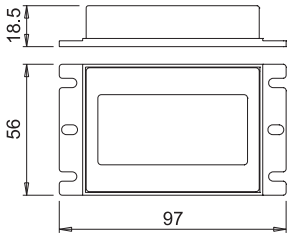
white

aluminium



MULTI SIMPLY
multisensor touchless

| | |
|---------------|----------------------------------|
| Code | 0838201 |
| Input | 220-240Vac |
| Output | 220-240Vac |
| Power | 550W |
| Input wiring | 3000 mm input cord with EU plug |
| Output wiring | 500mm output cord with EU socket |
| Sensor finish | black |

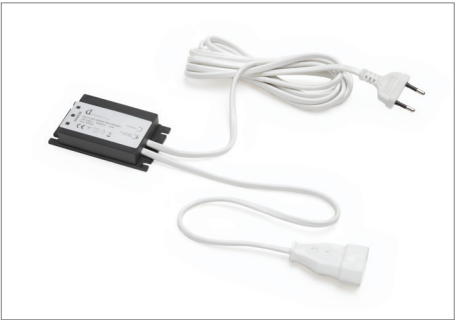
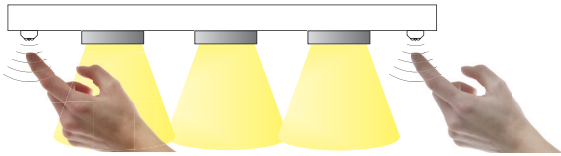


How MULTI SIMPLY works

MULTI SIMPLY is an electronic proximity (on-off) switch with multiple photocells (up to 3). MULTI SIMPLY makes possible to turn the luminaire on and off from different places by operating as a switch. A quick hand movement in front of one of the sensors allows turning the luminaire on and off.

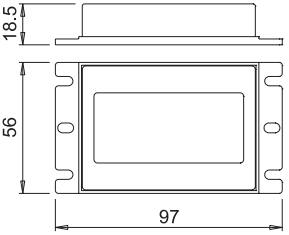


on-off function



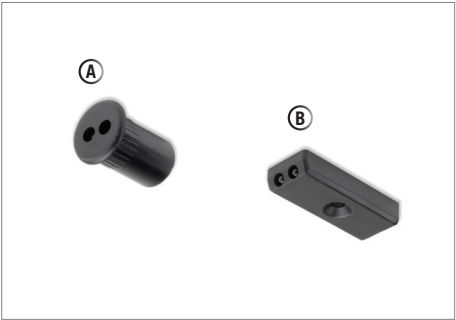
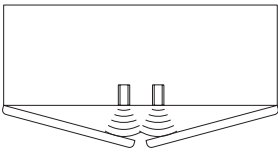
MULTI LIMIT
back-door proximity multisensor

| | |
|---------------|----------------------------------|
| Code | 0838301 |
| Input | 220-240Vac |
| Output | 220-240Vac |
| Power | 550W |
| Input wiring | 3000 mm input cord with EU plug |
| Output wiring | 500mm output cord with EU socket |
| Sensor finish | black |



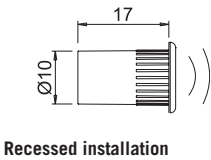
How MULTI LIMIT works

MULTI LIMIT is an infrared sensor with limit switch function for cabinet, multiple-photocell (up to 3) installation. Turning on and off the devices connected to MULTI LIMIT takes place by opening and closing the doors in front of the sensors. It is also recommended to observe the minimum and maximum distances of the sensor from the door, as indicated in the installation manual.



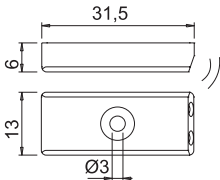
MULTI LIMIT - MULTI SIMPLY sensors

| Type | Code | Model | Cable lenght | Finish |
|------|-----------|----------|---------------------------------|--------|
| A | 1731703/S | recessed | 2000mm flat disconnectable cord | black |
| B | 1731903/S | surface | 2000mm flat disconnectable cord | black |



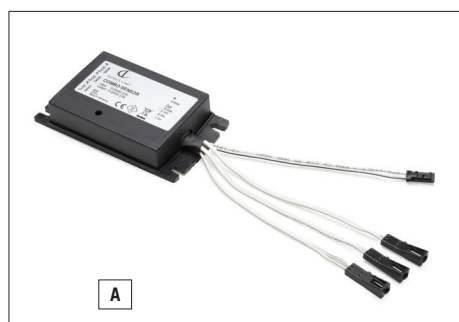
Recessed installation

NOTE: Read the installation manual to learn details about the drilling size.



Surface installation





COMBO FW

electronic proximity sensor



| Code | Ref.. | Model | Input | Output | Power | Finish |
|-----------|-------|--------------------|----------|----------|--------|--------|
| 0864003 | A | Control unit | 12-24Vdc | 12-24Vdc | 30-60W | black |
| 1731703/S | B | Recessed sensor | - | - | - | black |
| 1731903/S | C | Surface sensor 20° | - | - | - | black |



B

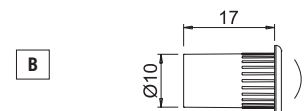
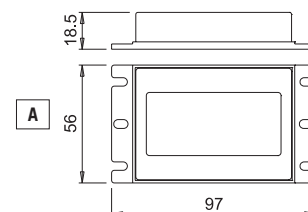


C

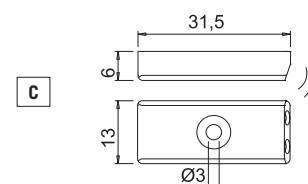
How COMBO works

COMBO is an infrared limit-switch with multiple independent photocells (up to 3 sensors). The connected luminaires are turned on and off by opening and closing the door on the back of which the sensors are installed. COMBO can be programmed with three different setup.

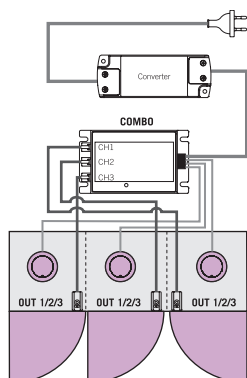
Sensors are available for recessed (type B) and surface installation with the photocell tilted 20° (type C).



NOTE: Read the installation manual to learn details about the drilling size.

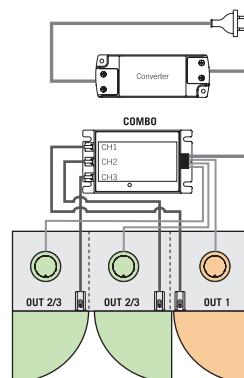


COMBO MAY BE PROGRAMMED WITH 3 DIFFERENT SETUP.



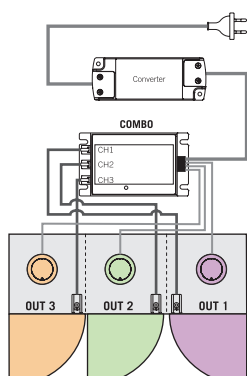
PROGRAMME 1 - COMMON SWITCHING ON

This set up allows all luminaires connected to COMBO to be turned on and off simultaneously. The luminaire or group of luminaires turns on when any of the doors are open and turns off only when all doors are closed.



PROGRAMME 2 – TWO INDEPENDENT SWITCHING ON

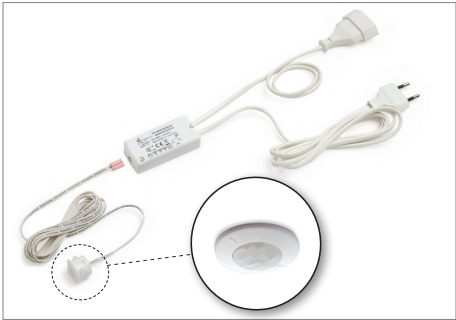
This set up allows two luminaires or two groups to be turned on independently. The group with two sensors will turn on when any of the doors are open, and turns off only when all doors are closed. The third sensor works independently from the other two. Turning on and turning off are controlled by opening and closing the door, onto the back of which the third sensor is installed.



PROGRAMME 3 –THREE INDEPENDENT SWITCHING ON

This set up allows three luminaires or group of luminaires to be turned on independently.

Each sensor can turn on or off independently the luminaire or group of luminaires to which it is connected. Turning on and turning off are operated by opening or closing the door, onto the back of which each sensor is installed.

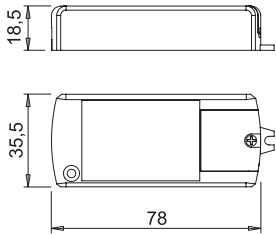


IFR V09

Presence sensor



| | |
|---------------|----------------------------------|
| Code | 0854501 |
| Input | 220-240Vac |
| Output | 220-240Vac |
| Power | 150W |
| Input wiring | 2000mm input cord with EU plug |
| Output wiring | 500mm output cord with EU socket |
| Sensore | white with cable |



Recessed installation



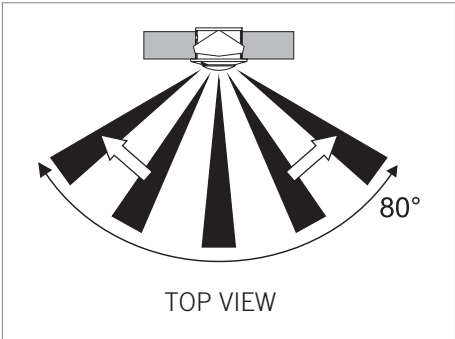
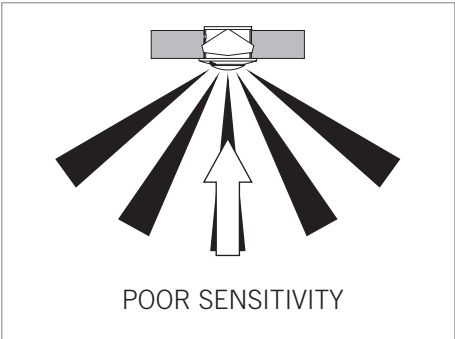
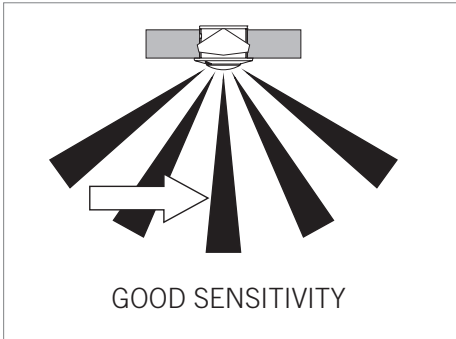
NOTE: Read the installation manual to learn details about the drilling size.

Surface installation
with spacer holder
sold separately
Code: 3055401

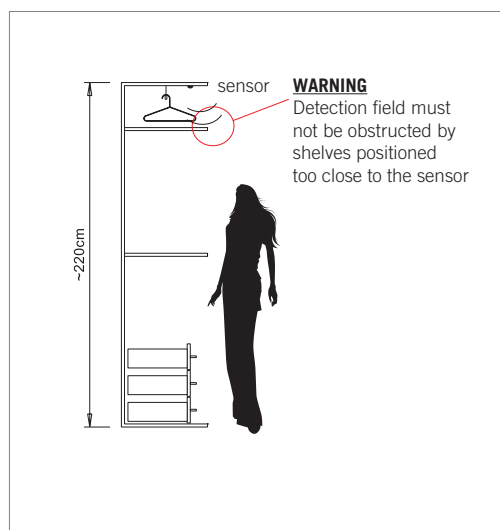
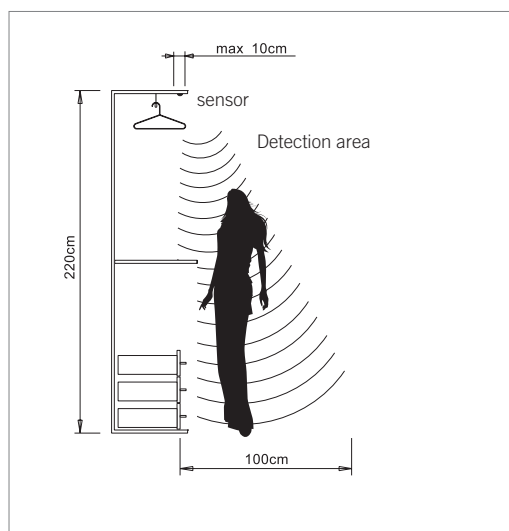


How IFR V09 works

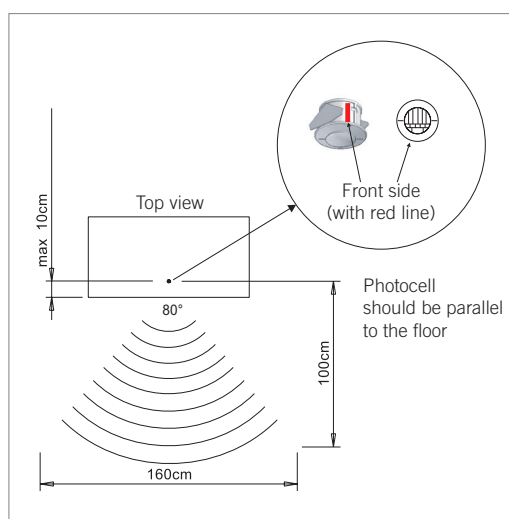
The IFR V09 PIR sensor (passive infrared) recognizes movements combined with temperature changes inside an asymmetrical cone with an angle of around 80°. The sensitivity of the sensor is great for changes that take place on the side and less for those that take place in front.



For correct operation, the photocell of the sensor must be installed in a position that does not affect the sensitivity. The vertical sensitivity (from a minimum of 50 cm to a maximum of around 220 cm) and horizontal sensitivity (maximum of 100 cm) may be reduced if the sensor's photocell is installed in a position or at a height that reduces the detection cone, such as next to shelves or sides of a wardrobe. It is also not recommended to install the photocell in line with the central closing of the wardrobe door in order to avoid undesired turning-on, which are also caused by minimum movement detections.



Temperature variations caused by air conditioners, steam or any movements within the detection area can also activate the sensor's photocell. However, the sensor is protected against cell phone interference, radiofrequency transmissions etc., in accordance with current EU directives.



When first turned on, the sensor carries out an automatic setup by detecting the temperature and installation conditions. It is necessary to wait around 40 seconds for this operation to be completed, during which the wardrobe door must remain closed.

The sensor automatically turns on the device connected to it (or connected to the power supply connected to the sensor) when it detects movements and temperature changes within the field area. After a pre-setup time (from a minimum of 10 seconds to a maximum of 3 minutes) during which the photocell no longer detects any presence, the device is automatically turned off, even if the wardrobe door is open.

The photocell will again turn on the next detection. The switch-off delay time can be adjusted by setting the electronic control unit of the sensor.



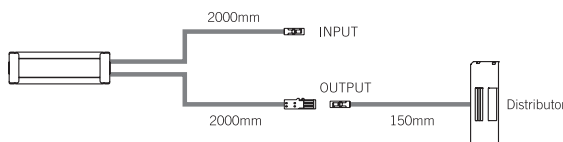


IFR V12

presence sensor



| Code | Input | Output | Power | Connectors | Finish |
|---------|----------|----------|--------|-----------------|-----------|
| 1751605 | 12Vdc | 12Vdc | 24W | Micro12 | aluminium |
| 1771505 | 24Vdc | 24Vdc | 48W | Micro24 | aluminium |
| 1760205 | 12-24Vdc | 12-24Vdc | 24-48W | Micro12-Micro24 | aluminium |

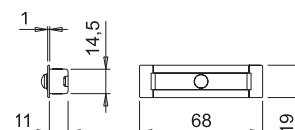
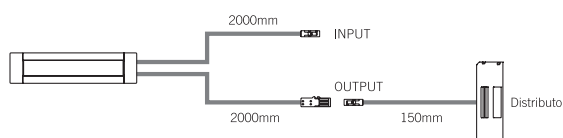


IFR V13

presence sensor



| Code | Input | Output | Power | Connectors | Finish |
|---------|----------|----------|--------|-----------------|-----------|
| 1751705 | 12Vdc | 12Vdc | 24W | Micro12 | aluminium |
| 1771605 | 24Vdc | 24Vdc | 48W | Micro24 | aluminium |
| 1760305 | 12-24Vdc | 12-24Vdc | 24-48W | Micro12-Micro24 | aluminium |



NOTE: Read the installation manual to learn details about the drilling size.

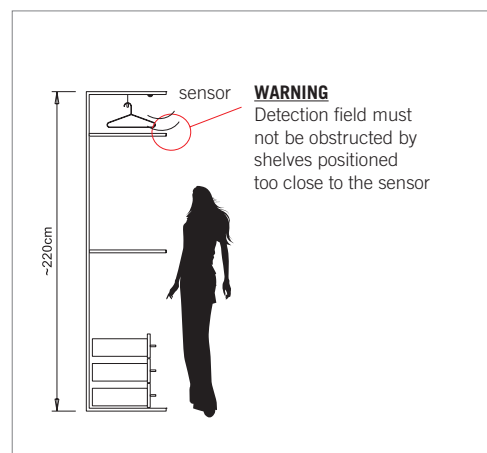
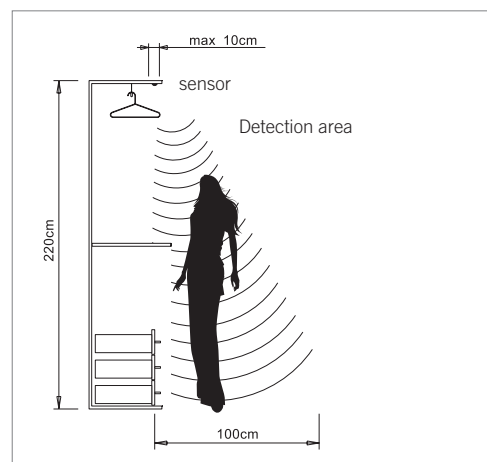
HOW IFR V12 AND IFR V13 WORK

The IFR V12 and IFR V13 PIR sensor (passive infrared) detects movements combined with temperature changes within a symmetrical cone with an angle of approximately 80°.

For correct operation, the sensor's photocell must be installed in a position that does not affect its sensitivity. The vertical sensitivity (from a minimum of 50 cm to a maximum of around 220 cm) and horizontal sensitivity (a maximum of 100 cm) may be reduced if the sensor's photocell is installed in a position or at a height that reduces the detection cone, such as near the shelves or sides of a wardrobe. It is also not recommended to install the photocell in line with the central closing of the wardrobe doors in order to avoid undesired switching on, which are also caused by minimum movement detections.

Temperature variations caused by air conditioners, steam or any movements within the detection cone can also activate the sensor's photocell. However, the sensor is protected against cell phone interference, radiofrequency transmissions etc., in accordance with current EU directives.

When first turned on, the sensor carries out an automatic setup by detecting the temperature and installation conditions. It is necessary to wait around 40 seconds for this operation to be completed, during which the wardrobe door must remain closed. The sensor automatically turns on the luminaire connected to it (or connected to the power supply connected to the sensor) when it detects movements and temperature changes within the field area. After a pre-setup time of around 30 seconds during which the photocell no longer detects any presence, the device is automatically turned off, even if the wardrobe door is open. The photocell will again turn on the next detection.





CALL ME V17

receiver and remote control



| Code | Input | Output | Power | Connectors | Finish |
|---------|----------|----------|--------|-----------------|-----------|
| 1760401 | 12Vdc | 12Vdc | 36W | Micro12 | white |
| 1760410 | 12Vdc | 12Vdc | 36W | Micro12 | aluminium |
| 1760419 | 12Vdc | 12Vdc | 36W | Micro12 | steel |
| 1760501 | 24Vdc | 24Vdc | 72W | Micro24 | white |
| 1760510 | 24Vdc | 24Vdc | 72W | Micro24 | aluminium |
| 1760519 | 24Vdc | 24Vdc | 72W | Micro24 | steel |
| 1760601 | 12-24Vdc | 12-24Vdc | 36-72W | Micro12-Micro24 | white |
| 1760610 | 12-24Vdc | 12-24Vdc | 36-72W | Micro12-Micro24 | aluminium |
| 1760619 | 12-24Vdc | 12-24Vdc | 36-72W | Micro12-Micro24 | steel |



white

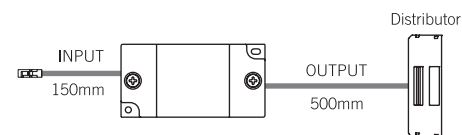
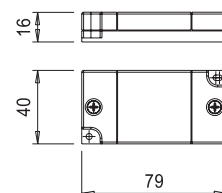
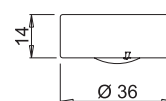
aluminium

steel

Holders are available on request for recessed installation:



| Code | Finish |
|---------|-----------|
| 2011601 | white |
| 2011610 | aluminium |
| 2011619 | steel |

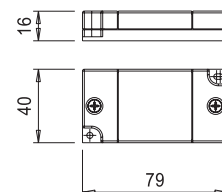


CALL ME V17 RECEIVER

for remote controls



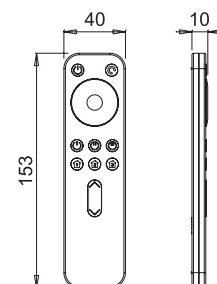
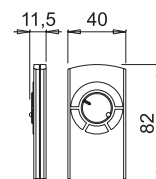
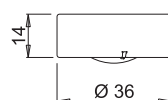
| Code | Input | Output | Power | Connectors |
|---------|----------|----------|--------|-----------------|
| 1770701 | 12Vdc | 12Vdc | 36W | Micro12 |
| 1770801 | 24Vdc | 24Vdc | 72W | Micro24 |
| 1770901 | 12-24Vdc | 12-24Vdc | 36-72W | Micro12-Micro24 |



REMOTE CONTROLS

for CALL ME V17 receiver

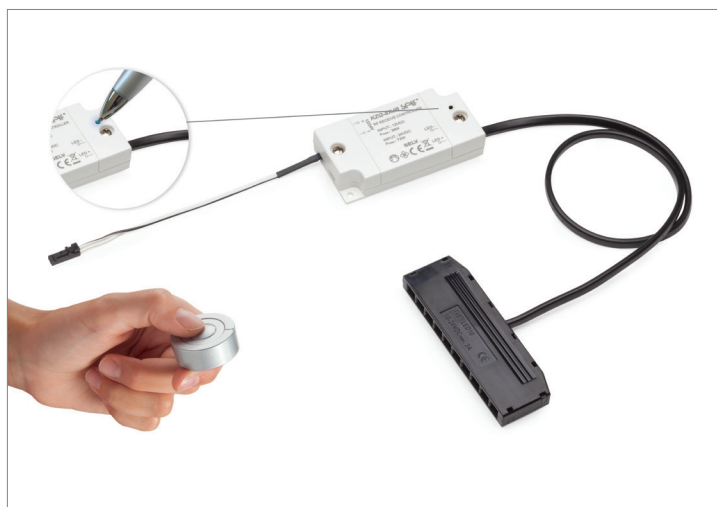
| Type | Code | Model | Setup and functions | Finish |
|------|---------|-------------|--|-----------|
| A | 1758401 | CALL ME V17 | One-channel remote with on-off and dimmer function | white |
| A | 1758410 | CALL ME V17 | One-channel remote with on-off and dimmer function | aluminium |
| A | 1758419 | CALL ME V17 | One-channel remote with on-off and dimmer function | steel |
| B | 1754401 | RC1 | One-channel remote with on-off and dimmer function | white |
| C | 1758201 | RC3 | Multi-channel (up to three) remote with on-off and dimmer function | white |



HOW CALL ME V17 WORKS

CALL ME V17 is a wireless switch consisting of a radio remote control (one-channel or multi-channel) and a receiver. With CALL ME V17 remotes, it is possible to turn on and off and control the light intensity of the devices connected to the receiver.

CALL ME V17 is a multi-use system that makes possible to combine control units and remotes depending on the specific needs. The system is set up simply by pressing the microswitch placed on the receiver and one of the buttons on the remote. Each individual setup is independent, so that an infinite number of remote controls and receiver may be used in the same room without any of them interfering with the others.

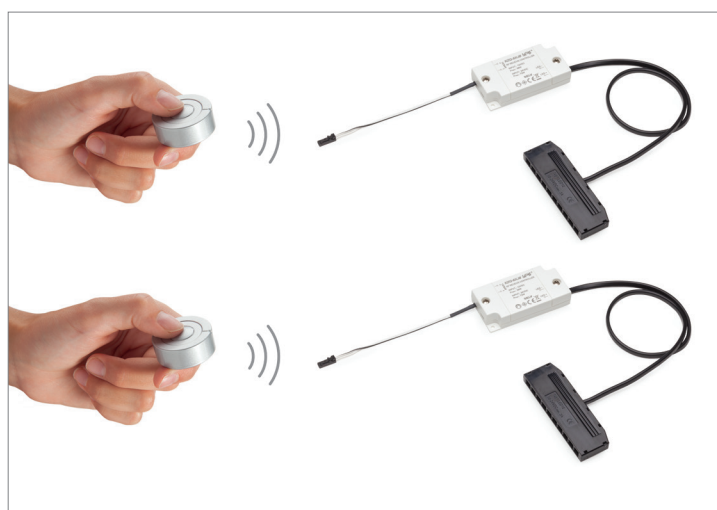


The signal from the CALL ME V17 remote control activates the control unit up to a maximum distance of about 15 meters.



1 RECEIVER AND 1 REMOTE CONTROL

With this configuration, a receiver can be combined to a one-channel remote control (CALL ME or RC1). The luminaires that are connected to the receiver can be turned on and off or dimmed simultaneously. It is possible also to add, in the same room, other CALL ME receivers and other remotes. Each of these will operate independently without interfering with the others.



1 RECEIVER AND MORE THAN ONE REMOTE CONTROL

With this configuration, a receiver may be combined to more than one one-channel remote control (CALL ME or RC1 up to a maximum of seven). The luminaires that are connected to the receiver can be turned on and off or dimmed simultaneously by any of the remotes in use.

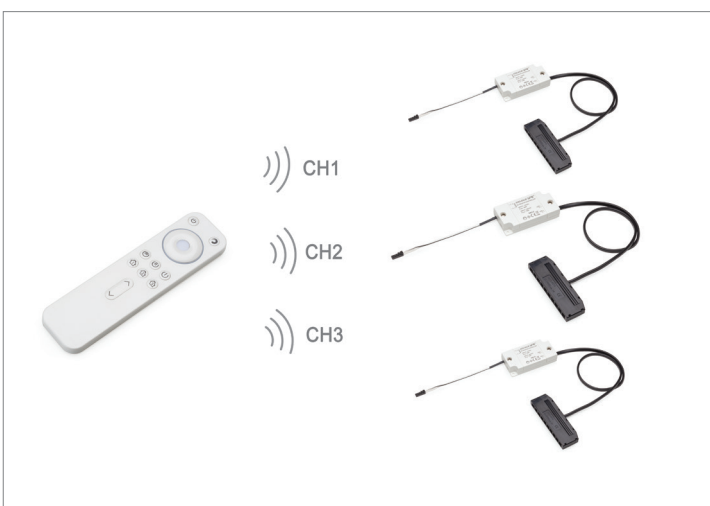
In this case it is also possible to add in the same room other CALL ME V17 receiver and other remotes. Each of these will operate independently without interfering with the others.



2 OR 3 RECEIVERS AND ONE MULTI-CHANNEL REMOTE CONTROLS

With this configuration, it is possible to combine up to three receivers with one multi-channel radio remote (RC3). The luminaires that are connected to each individual receiver can be turned on and off or dimmed independently by selecting the preferred channel.

In this case it is also possible to add in the same room other CALL ME V17 receivers and other remotes. Each of these will operate independently of the others without any interference.



MULTIPLE SETUP

With this configuration it is possible to combine to an individual one-channel radio remote (CALL ME V17 or RC1) an unlimited number of CALL ME V17 receivers, provided they are at maximum distance of 15 meters.

The luminaires connected to each individual receiver can be turned on and off or dimmed.

