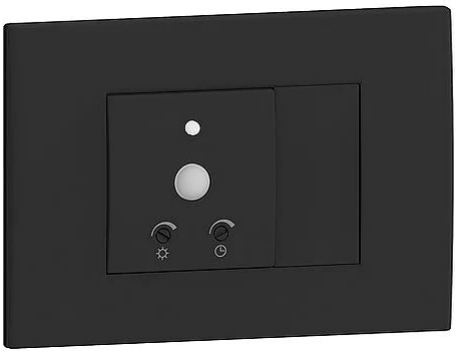
# Sens IR DUO Grigio

VE791000





2-module 230 Vac flush-mounted twilight motion detector for movement detection within its range. When connected to one or more lighting devices, it automatically activates the lighting upon motion detection, ensuring timely response to visibility needs. Thanks to the front-mounted regulator, it is possible to customise the brightness level below which the device activates the load in case of motion detection, as well as set the light-on time, optimising energy efficiency and installation ease.

## General features

- For installation on 2-module flush-mounted boxes with 45 mm high
- Test mode of the detector to check its correct functioning
- Timing controller: sets how long the load is to remain switched on
- Brightness controller: sets the brightness level below which the load is to be activated in the event of motion detection
- Adapters included to adapt the instrument to the cover frames of the major residential series

## Technical specifications

| | |
|---|---|
| **Power supply** | |
| Power supply | 230 Vac (-10% ÷ +10%) |
| Frequency | 50 / 60 Hz |
| Absorption | 5 (1) VA (W) |
| **Settings** | |
| Tripping time | 30 seconds ÷ 15 minutes |
| Intervention Brightness Range | 5 ÷ 100 lux |
| **Functional characteristics** | |
| Detection angle | 110 ° |
| Sensing range | 7 meters |
| **Operating conditions** | |
| Operating temperature range | 0 ÷ 35 °C |
| Relative humidity | 20% ÷ 90% non-condensing RH |
| Storage temperature range | -25 ÷ 70 °C |
| **Connectable loads** | |
| Incandescent lamps | 800 W |
| Fluorescent lamps (neon) | 400 VA |
| Halogen lamps (230 V) | 800 W |
| Low Consumption Lamps (CLF) | 100 W |
| LED lamps | 50 W |

Vemer S.p.A. declines all responsibility for the use of the products for purposes other than those for which they are intended, as indicated in the technical documentation. Vemer S.p.A. reserves the right to make, without prior notice, such changes as may, in its sole discretion, improve the technical and functional characteristics of the products and the related production logic. The technical characteristics and images of the products indicated are given for information only and are not binding in any way, since they may be modified without prior notice.

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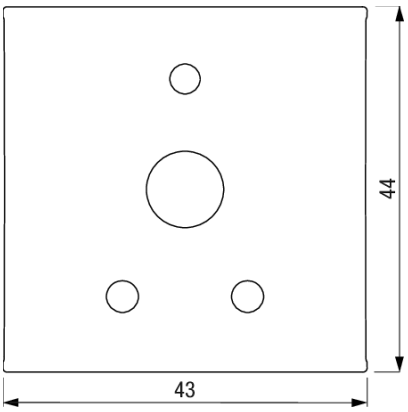
VE791000



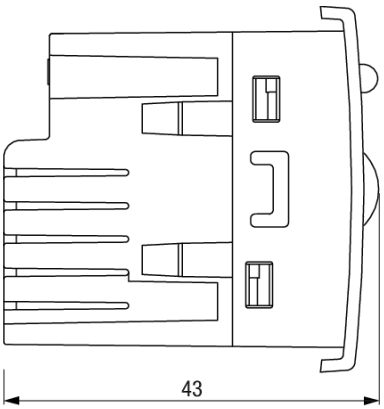
| | |
|---|---|
| **Outputs** | |
| Relay type | Normally open |
| Relay capacity at 250 Vac | 5 A |
| **Terminations** | |
| Maximum cable cross-section | 1.5 mm² |
| **Mechanical features** | |
| Protection degree | IP40 (on the front) |
| **Physical features** | |
| Color | Anthracite grey |
| **Overall dimensions** | |
| Height (A) | 44 mm |
| Width (B) | 43 mm |
| Depth (C) | 43 mm |

## Dimensions

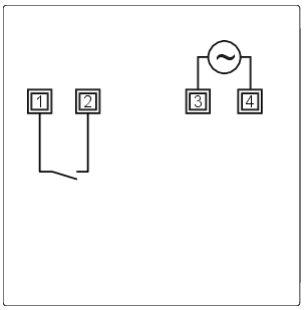
Front View




Side View




## Wiring diagram




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# Sens IR DUO Grigio

VE791000



## Product variants

**Sens IR DUO Argento**

VE790900

2-module 230 Vac flush-mounted twilight motion detector. Silver colour

**Sens IR DUO Bianco**

VE791100

2-module 230 Vac flush-mounted twilight motion detector. White colour

## Model variants

**SENS IR DUO-INT**

2-module flush-mounted twilight motion detector.

**SENS IR DUO.NOW**

2-module flush-mounted twilight motion detector.

## Compatible cover frames

**ABB**
ABB Mylos series

**Ave**
Ave S44 series

**Bticino**
Bticino Axolute series

**Bticino**
Bticino Axolute Air series

**Bticino**
Bticino Light series

**Bticino**
Bticino Living International series

**Bticino**
Bticino LivingLight series (LL)

**Bticino**
Bticino Livinglight Air series

**Bticino**
Bticino MatixGO series*

**Gewiss**
Gewiss Chorus series

**Vimar**
Vimar Arké series

**Vimar**
Vimar Eikon series

**Vimar**
Vimar Eikon Evo series

**Vimar**
Vimar Plana series

## Accessories compatible with the product

**Adattatore.Matix Go® 2M**

VE800000

Adapter for the BTicino Matix Go® cover cover frame for 2-module products

### Reference standards

Compliance with Community Directives:

**• 2014/35/UE (LVD) • 2014/30/UE (EMCD) • 2011/65/UE e 2015/863/UE (ROHS)**

is declared with reference to the following Standards:

**• EN 60669-2-1 • EN IEC 63000**

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