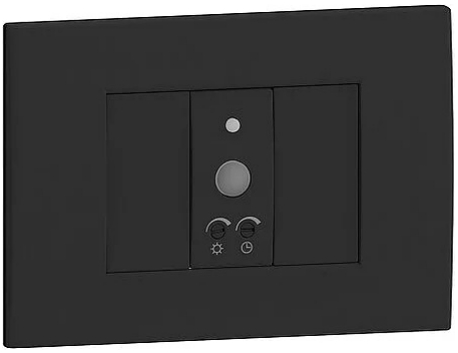
Sens IR Grigio

VE770700



1-module 230 Vac flush-mounted twilight motion detector. Detects movements within its operating area. When connected to one or more lighting devices, it activates them upon motion detection. Via the front-mounted adjustment controller, it is possible to set the brightness level below which the load activates in case of motion detection, as well as the duration it will remain switched on.

General features

- For installation on 1-module flush-mounted boxes with 45 mm high
- Normally open relay with "zero-crossing" technology for longer contact life and improved performance
- 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
- Supplied supports compatible with cover frames of the main switch and socket systems

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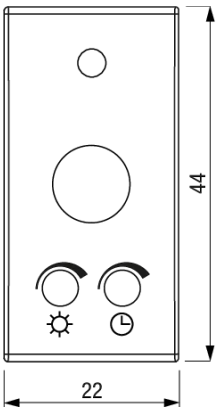
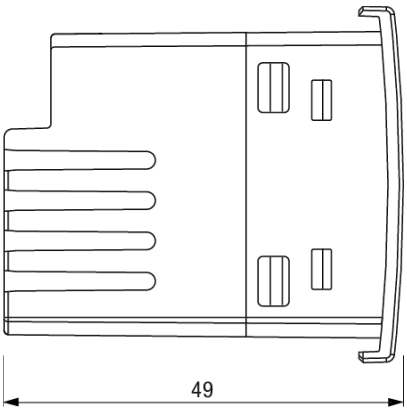
Outputs	
Relay type	Normally open
Relay capacity at 250 Vac	5 (on resistive load) A
Terminations	
Maximum cable cross-section	1.5 mm²
Mechanical features	
Protection degree	IP40 (on the front)
Physical features	
Color	Anthracite grey
Overall dimensions	
Height (A)	44 mm
Width (B)	43 mm
Depth (C)	43 mm

Dimensions

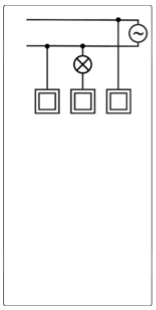
Front View



Side View



Wiring diagram



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Product variants

Sens IR Bianco
VE770800
1-module 230 Vac flush-mounted twilight motion detector. White colour

Sens IR Argento
VE765200
1-module 230 Vac flush-mounted twilight motion detector. Silver colour

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 Matix series

Gewiss
Gewiss Chorus series

Vimar
Vimar Arké series

Vimar
Vimar Eikon series

Vimar
Vimar Eikon Evo series

Vimar
Vimar Plana series

For information on whether different cover frames can be used, contact the technical service department

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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