


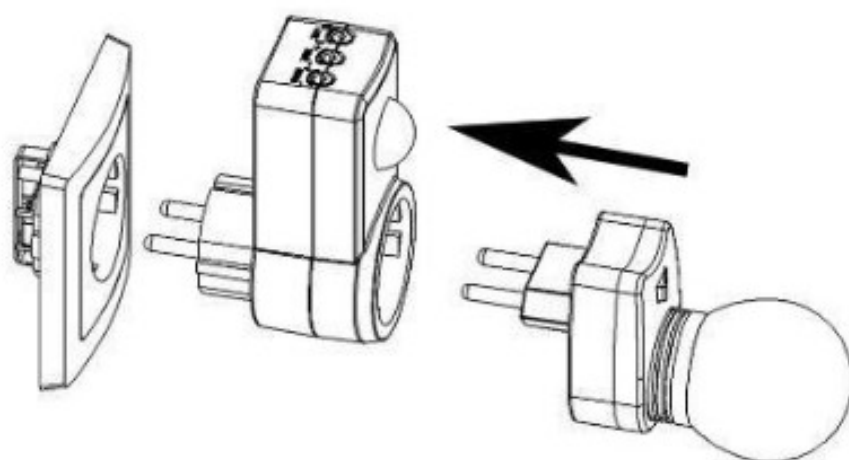
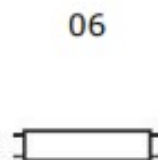
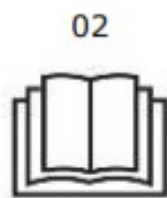


PEREL EMS111 Sensor Socket User Manual

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PEREL®

EMS111
EMS111-G
USER MANUAL



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Introduction

To all residents of the European Union
Important environmental information about this product



This symbol on the device or the package indicates that disposal of the device after its lifecycle could harm the environment. Do not dispose of the unit (or batteries) as unsorted municipal waste; it should be taken to a specialized company for recycling. This device should be returned to your distributor or to a local recycling service. Respect the local environmental rules. **If in doubt, contact your local waste disposal authorities.**

Thank you for choosing Perel! Please read the manual thoroughly before bringing this device into service. If the device was damaged in transit, do not install or use it and contact your dealer.

Symbols

1. CE marking.
2. Read and understand this manual and all safety signs before using this appliance.
3. Indoor use only.
4. Switch of micro-gap construction.
5. Incandescent lamp.
6. Energy-saving lamp.

Safety Instructions

- This device can be used by children aged from 8 years and above, and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning the use of the device in a safe way and understand the hazards involved. Children shall not play with the device. Cleaning and user maintenance shall not be made by children without supervision.
- Do not disassemble or open the housing.
- There are no user-serviceable parts inside the device. Refer to an authorized dealer for service and/or spare parts.
- Do not immerge the device in any liquid. Keep away from high heat and fire.

General Guidelines

- Refer to the Velleman® Service and Quality Warranty on www.velleman.eu.
- Protect this device from shocks and abuse. Avoid brute force when operating the device.
- Familiarise yourself with the functions of the device before actually using it.
- All modifications of the device are forbidden for safety reasons.
- Damage caused by user modifications to the device is not covered by the warranty. Only use the device for its intended purpose. Using the device in an unauthorised way will void the warranty. Damage caused by disregard of certain guidelines in this manual is not covered by the warranty and the dealer will not accept responsibility for any ensuing defects or problems.
- Keep this manual for future reference.

Installation

Guidelines

- Choose a proper installation location. Avoid places where temperature changes frequently, e.g. near air conditioners or heating devices.

- Avoid pointing the appliance towards objects with highly reflective surfaces such as mirrors.
- Avoid pointing the appliance near heat sources such as heating vents, air conditioning units, etc.
- Avoid pointing the appliance towards objects that may move in the wind such as curtains, plants, etc.
- Install the appliance at a distance of minimum 60 cm when using a lamp of 60 W or more.
- Make sure the installation surface is immobile.
- Also, avoid obstructions or moving objects in the detection field of the appliance to prevent unnecessary activation.
- The minimum installation height is 1.7 m, the maximum installation height is 3.5 m.

Installation

- Plug the socket into the mains.
- Plug your lamp into the socket.

Testing

- Test the detector at the point of time you feel the lamp needs to be switched on.
- Turn the SENS and LUX knobs fully clockwise; turn the TIME knob fully anti-clockwise.
- Plug the appliance into the mains. The appliance needs a warm-up time of ± 30 seconds before it will switch on the connected lamp. When no signal is detected, the lamp will switch off after ± 10 seconds.
- Turn the LUX knob fully anti-clockwise. The lamp should switch off.

Setting

- Turn the SENS and LUX knobs until the lamp switches on.
- Now, set the switch-off delay with the TIME knob going from ± 10 seconds to ± 7 minutes.

Care and Maintenance

The appliance does not need any particular maintenance. However, occasionally wipe it with a damp cloth to keep it looking new. Do not use harsh chemicals, cleaning solvents or strong detergents.

Specifications

switch type	relay
detection angle	160°
detection range	2-9 m (< 24 °C)
rated load	
tungsten.....	max. 1200 W – max. 5.5 A
fluorescent.....	max. 300 W – max. 1.5 A
LED	max. 300 W – max. 1.5 A
IP rating	IP20
power supply	220-240 V~, 50/60 Hz
working temperature	-10 °C to +40 °C
working humidity.....	< 93 % RH
time-delay switch	10 s \pm 3 s to 7 min \pm 2 min
light control	< 10 lx to 2000 lx
dimensions	76.7 x 104 x 43.7 mm
weight.....	92 g

Use this device with original accessories only. Velleman nv cannot be held responsible in the event of damage or injury resulting from (incorrect) use of this device. For more info concerning this product and the latest version of this manual, please visit our website www.velleman.eu. The information in this manual is subject to change without prior notice.

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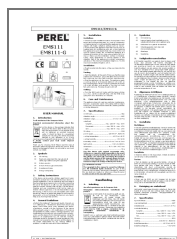
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Documents / Resources



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EMS111, EMS111-G, Sensor Socket

References

-  [Velleman â€™ Wholesaler and developer of electronics](#)