Technical parameters

Model	**FS-2**
Continuous current, A	8 max
Power Supply, V DC	12±0,6
Operating temperature, ° C	-30… +40
Switch off delay,sec.	30±5
Photocell operation threshold, lx	10±5
Dimensions, mm	105x58x35
Weight, kg	0,160
Protection Standard	IP66

Product purpose

The photocell switch is designed for an illuminator's automatic turning on/off depending on light conditions at a site. The photocell switches on the illuminator at nightfall and switches it off at daybreak.

In case of short-term lighting of the device (for example, with cars headlights) there is a 30±5 second delay in switching off the illuminator.

Certificate of acceptance.

Serial number_____

The illuminator passed the engineering control test and is considered to be in operational condition.

ECD(Engineering Control Department) Stamp

_____

Date of the test_____

Trade organization_____
(Place for stamp)

Date of sale_____

Signature of the buyer_____

Set of delivery

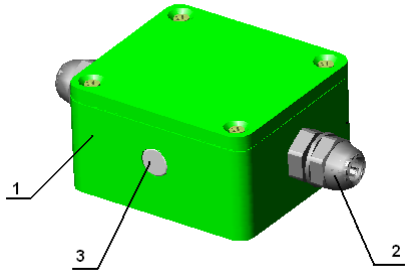
Photocell switch – 1 pc, packing – 1 pc, instruction manual – 1 pc.

The device design

The hermetic case of the photocell is made of aluminum alloy. Cable glands for connection of a power supply unit and an illuminator are situated at the lateral sides of the case. The photosensor eyelet is situated at the bottom side of the case.

Photocell mounting

To install FS-2 it is necessary to unscrew and open the box cover and fix the case onto the wall with two screw-bolts 3,5x40 DIN 7981. The cable from an illuminator is to be connected, observing polarity, through cable gland "Output" to the electrical terminal with the corresponding marking. The cable from a power supply unit is to be connected, observing polarity, through cable gland "Input" to the corresponding electrical terminal. Then the box cover should be placed into position and fixed safely with its screw-bolts.



Picture 1. Photocell switch. Main view.
1 –case, 2 –cable gland, 3 – photosensor eyelet

Manufactured by MicroLight Co., Ltd.

Warning!
Dissolvents and chemical reagents are never allowed for cleaning!

Storage rules

The Photocell switch should be stored in the closed space without corrosive medium in the form of vapour and acids and alkali mist. The ambient air temperature should be from –50°C to +50°C; the air relative humidity should not be above 95% at the temperature of 25°C.

Warranty

The producer or the supplier guarantees the FS-2 Photocell switch conformity to the technical requirements under condition that the user observes the storage and operation rules provided by the instruction manual. The warranty period is 24 months from the date of sale. The warranty validity expires in case of the user non-observance of the storage or operation rules, case integrity breach or voluntary repair, alteration, modernization etc.

infrared illuminators
MICROLIGHT

Photocell switch
Instruction manual

Certificate of acceptance

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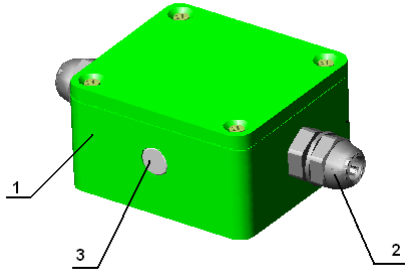

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