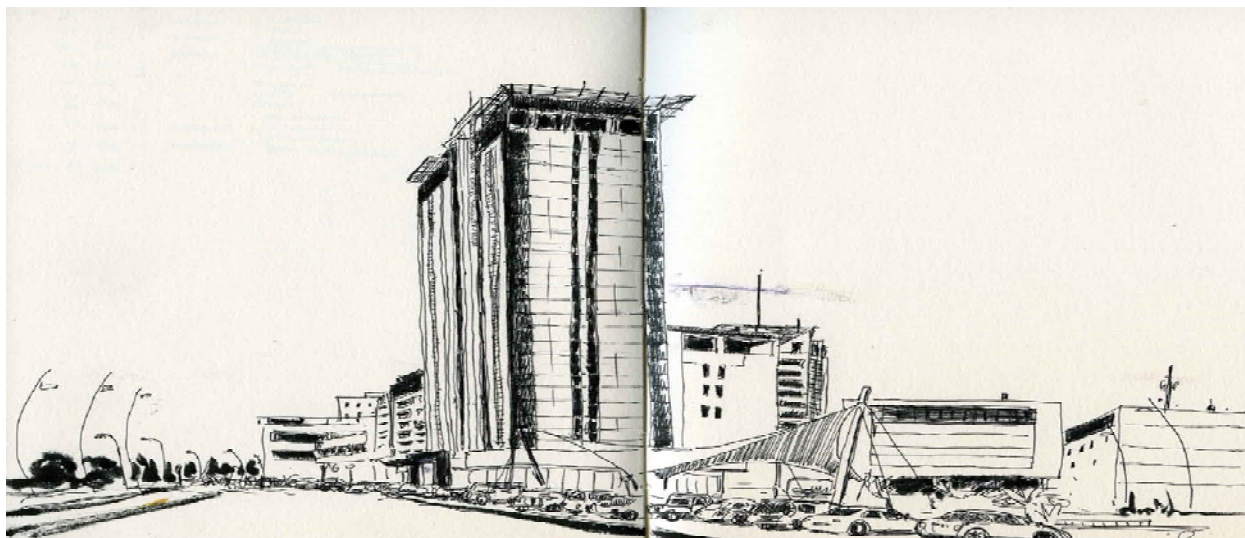


Flashing Siren "System Gas" FS230M - FS012M - FS024M

V1



The new Flashing Siren "**FS Series**" is born from the elegance and prestige that has always distinguished **BEINAT S.r.l.**

The siren is built in three models: FS230M - FS012M - FS024M. This device has the prerogative to signal, through the audio group and of the flashing light incorporated, the presence of danger.

The sirens can have various supply:

FS230M; 230/240 VAC 50/60 Hz AC Supply

FS012M; 12 VDC Supply

FS024M; 24 VDC Supply

This device has 2 microswitch through which the user can select:

- 1) a flashing only device. With this feature the audio part is deactivated.
- 2) a timer to turn off the audio part in order to avoid noise pollution. While the audio is off the light flash will continue until the alarm is active.

The external case is in ABS plastic with a IP54 protection.



Important: Assembly / maintenance of the appliance must be carried out by qualified personnel and in accordance with applicable laws and regulations.

The manufacturer assumes no responsibility for the use of products that have to comply with particular environmental and / or installation standards.



Important note

Before connecting the equipment, it is recommended that you read the instruction manual carefully and keep it for future reference. It is also recommended to perform the electrical connections correctly as per enclosed drawings, observing the instructions and the Standards.

N.B. Refer to the documentation in all cases where the symbol is on the side



**Installation and
user guide**



**INSTALL IN SAFE
AREA, NO ATEX**

CONFORMITY



**EN 50270
EN 5423
IEC 61010-1**

Reports issued by TUV Italia

Precautions

ATTENTION!! Read the following instructions carefully **before installing** and keep this booklet in a safe place for future reference.
In order to connect to the mains power, carefully follow the instructions and ensure the voltage is correct.

CHECK the integrity of the siren after having removed it from the box.

Check that the data written on the box correspond to siren voltage used.

When doing the electrical connections, follow the drawing closely.

Any use of the siren for purposes other than the intended one is considered improper, and as a result of which **BEINAT S.r.l.** therefore disclaims any responsibility for possible damages caused to people, animals or objects.

Never clean the device with chemical products. If necessary, after having disconnected the power, wash with a moist cloth.

Always entrust installation and maintenance of the devices to qualified and/or authorised technicians who, in cases of failure, can guarantee use of original spare parts.

Do not allow it to become wet.

The device can be seriously damaged as it is not waterproof either when immersed in water or exposed to high levels of humidity.

Do not drop it.

Heavy knocks or falls during transportation or installation can damage the appliance.

Avoid abrupt temperature fluctuations.

Sudden temperature variations can cause condensation and the device could work poorly.

Cleaning

Never clean the device with chemical products. If necessary, wash with a moist cloth.



Technical Specifications

Power Supply Code **FS230M** **230/240 VAC ±10%**
Power demand **1,5 W @230 VAC**
Insulation Class ☐

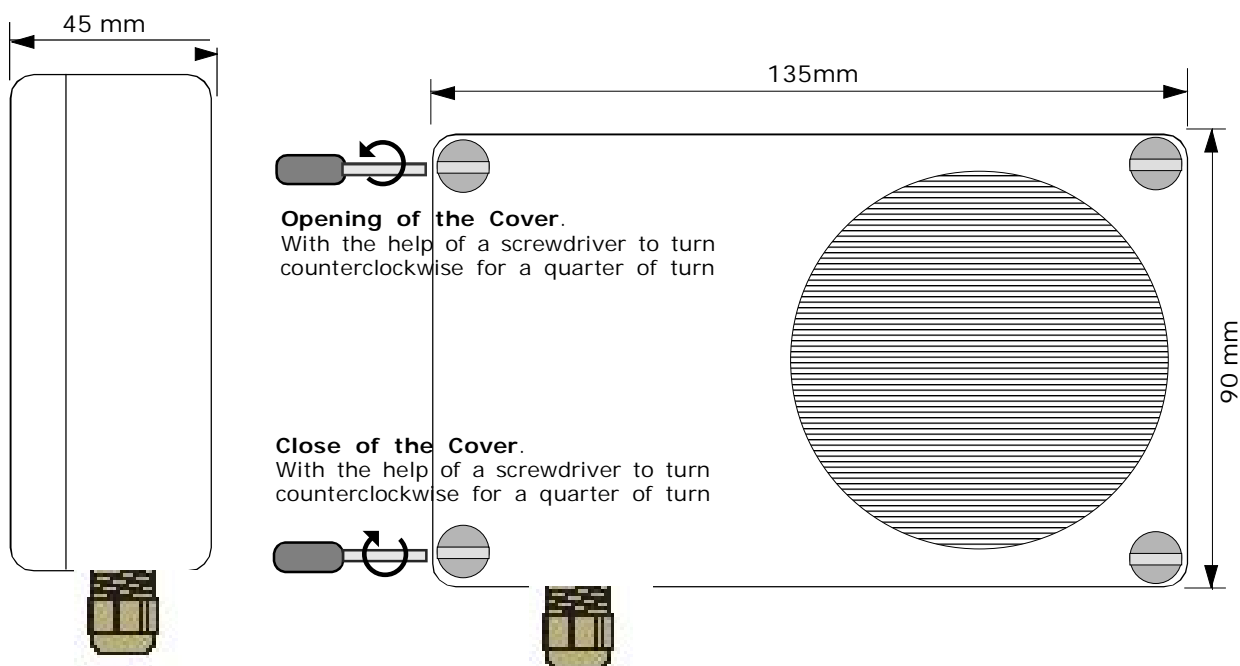
Power Supply Code **FS024M** **24 VDC ±10%**
Power demand **3,5 W @24 VDC**

Power Supply Code **FS012M** **12 VDC ±10%**
Power demand **1,2 W @12 VDC**

Acoustic Power **118 dB 100 cm**
Sound frequency **1 Hz**

Timer 3 mins with switch 1 in ON position
Audio disabling with switch 2 in ON position

Cable diameter 1 mm2 CSA
Functioning temperature -10 + 70°C
Functioning humidity 0÷90% RH non condensed
External degree of protection IP54
Dimensions 90*135*45
Electromagnetic compatibility **EN 50270 - EN 61010-1**



Electrical connections



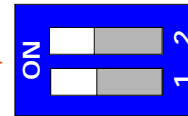
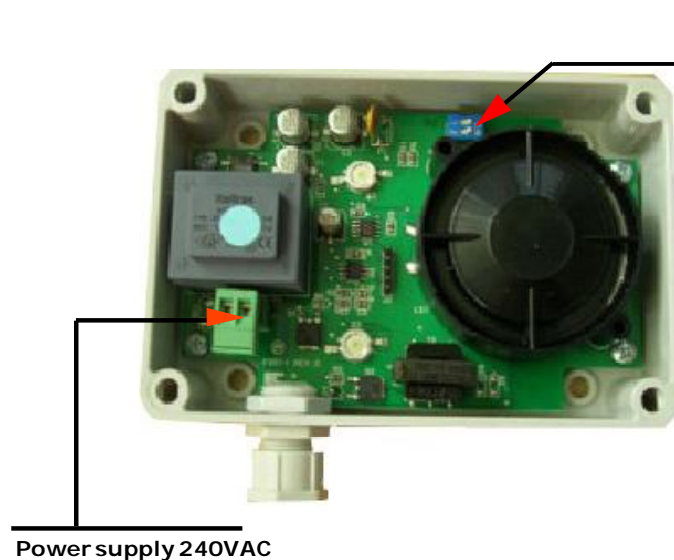
WARNING

Before connecting to the mains power, ensure the voltage is correct.

Carefully follow the instructions and the connections according to Regulations in force.

An automatic disconnecting switch (appropriately identified as the detector sectioning device) must be incorporated in the electrical system, suitably located and easily accessible.

Connection scheme **CODE FS230M** 230/240 VAC $\pm 10\%$



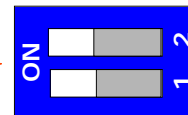
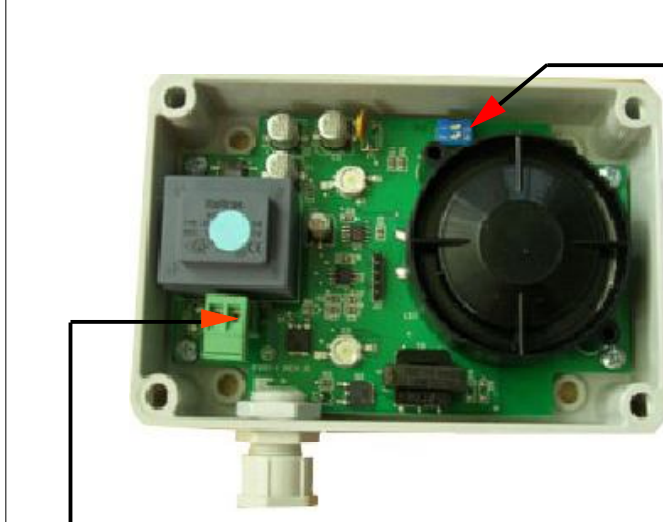
Switch 1.

When the switch is in **ON** position the audio section of the device is turned on. The flashing function is active.

Switch 2.

When the switch is in **ON** position the internal timer is enabled. The timer begin to count when the siren is supplied and after 3 minutes the audio section of the device is turned off. The flashing feature will be active independently of the switch position and last until the supply is present.

Connection scheme **CODE FS012M-12V DC** **CODE FS024M-24 V DC**



Switch 1.

When the switch is in **ON** position the audio section of the device is turned on. The flashing function is active.

Switch 2.

When the switch is in **ON** position the internal timer is enabled. The timer begin to count when the siren is supplied and after 3 minutes the audio section of the device is turned off. The flashing feature will be active independently of the switch position and last until the supply is present.

Power Supply **Code FS012M-12VDC // CodeFS024M-24VDC**

Installation. Is recommended to follow the electrical connection as per this instructions and in accordance with local recommendations.

Install the siren in a dry wall and if is mounted to the outside, make the installation place covered from the atmospheric events.

Once installed turn the power on only after selecting the working mode enabling or disabling the timer against the acoustic pollution.

INSURANCE. This device is insured by the SOCIETÀ REALE MUTUA for the PRODUCT'S GENERAL LIABILITY up to a maximum of 1,500,000.00 EURO against damages caused by the device in case of failures in functioning.

WARRANTY. The warranty term is 3 years from manufacturing date, in agreement with the following conditions. The components acknowledged as faulty will be replaced free of charge, excluding the replacement of plastic or aluminium cases, bags, packing, batteries and technical reports.

The device must arrive free of shipment charges to **BEINAT S.r.l.**

Defects caused by unauthorized personnel tampering, incorrect installation and negligence resulting from phenomena outside normal functioning shall be excluded from the warranty.

BEINAT S.r.l. is not liable for possible damage, direct or indirect, to people, animals, or things; from product faults and from its enforced suspension of use.



DISPOSAL OF OLD ELECTRICAL & ELECTRONIC EQUIPMENT.

This symbol on the product or its packaging indicates that this product shall not be treated as household waste. Instead, it shall be handed over to the applicable collection point for the recycling of electrical and electronic equipment, such as for example:

- sales points, in case you buy a new and similar product
- local collection points (waste collection center, local recycling center, etc.)

By ensuring this product is disposed of correctly, you will help prevent potential negative consequence for the environment and human health, which could otherwise be caused by inappropriate waste handling of this product. The recycling of materials will help to conserve natural resources. For more detailed information about recycling of this product, please contact your local city office, your household waste disposal service or the shop where you purchased the product.

Attention: in some countries of the European Union, the product is not included in the field of application of the National Law that applies the European Directive 2002/96/EC and therefore these countries have no obligation to carry out a separate collection at the "end of life" of the product.



Flashing Siren GAS System FS230M-FS012M-FS024M

Lo styling è della b & b design

Stamp and signature of the dealer

Date of purchase:

Serial number:

La Beinat S.r.l. following the purpose of improving its products, reserves the right to change the technical, aesthetic and functional characteristics at any time and without giving any notice.

BEINAT S.r.l.

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