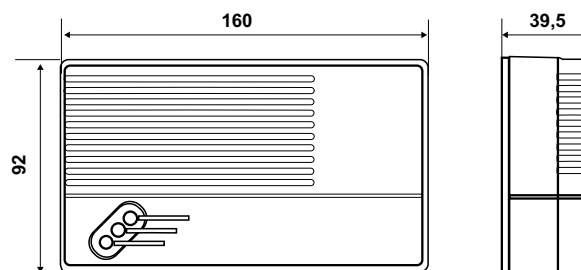


Sicurgas P63

Carbon monoxide detector for civil environments

Sicurgas is a device that through a sensitive sensor detects the presence of dangerous concentrations of carbon monoxide in civil environments.



	Gas type	Power supply	Contacts rating	Operating temperature °C	Protection degree
P63	CO carbon monoxide	230Vac - 50Hz	5(3)A - 250Vac~	0 ÷ 40	IP42

ELECTRICAL CHARACTERISTICS

Power supply: 230Vca 50Hz.

Consumption: 4 VA.

Output through electromagnetic relay.

Contacts rating: 5(3)A - 250Vca.

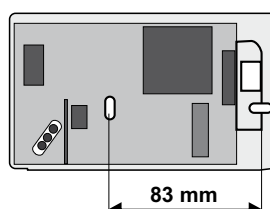
STANDARDS AND APPROVALS

In conformity with EN 60730-1 standards.

INSTALLATION

Mounting in 3-module boxes or on the wall.

Mounting hole suitable for built-in 3-module boxes.

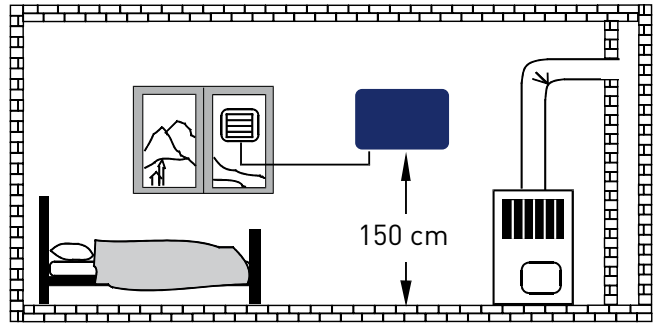


Mounting distance

The detector should be fixed on the wall at a high level of approximately 150 cm from the floor.

For a correct functioning of Sicurgas P63, avoid installing the device:

- behind or under cabinets or shelves that can prevent the natural air circulation in the room;
- near air conditioning plants (minimum distance 2 meters);
- on the vertical line of cooking units or steam sources (bathtubs, etc.);
- in places, that could be reached by spraying water, near sinks, showers, etc.

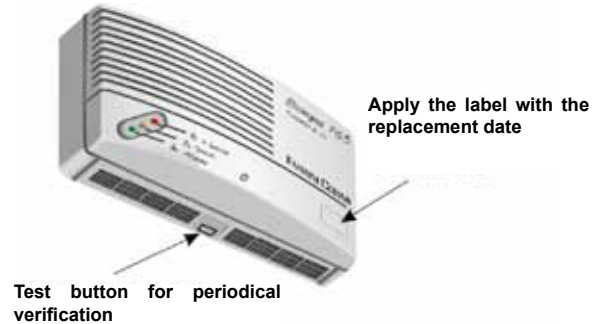


OPERATION

P63 detector works with carbon monoxide concentrations considered not dangerous for an adult person in normally healthy conditions even if breathed for several hours (see: researches of U.S. Army Human Engineering Laboratory USA).

In case of danger, Sicurgas P63 immediately activates the internal alarms, the intermittent red LED and an acoustic alarm.

At the same time with the visual and acoustic alarms, operates a relay with switching contacts for controlling an aerator that brings fresh air from outside.

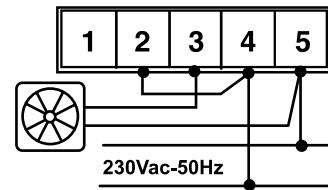


Sicurgas P63 is equipped with a test button for checking the system: button pressing activates a control procedure with 30 seconds duration. During this procedure the internal and external components of the system are checked.

EXAMPLE OF CONNECTION

Sicurgas P63 can control an aerator/air conditioner to change the air in the controlled room if contains carbon monoxide and can control a normally closed valve (NC) to intercept possible fuel-gas. To operate Sicurgas P63 connect the 230Vc - 50Hz line to the terminals 4 and 5.

If the aerator operates at 230Vac, make a jumper between the terminals 2-4 and connect the aerator between the terminals 3-5.



TECHNICAL FEATURES

Shockproof insulating material casing.

Internal visual and acoustic alarms.

Additional acoustic signal.

Sicurgas has three warning lights:

- green LED - indicates that the detector works properly;
- yellow LED - indicates detector failure;
- red LED - indicates the gas presence in the environment (ALARM).

Semiconductor sensor for carbon monoxide detection.

Admissible humidity (without condensation): from 30 to 80% UR.

Unit weight: 0,41 Kg.