

# SVIREL-2 rev.03

## LIGHT AND SOUND ALARM

### INSTRUCTION MANUAL

#### GENERAL

Svirel-2 rev.03 light and sound alarm is designed to generate sound in case of detecting intrusion to the protected premises and issue emergency light and audible signals inside or outside the premises.

The Svirel-2 rev.03 provides cooperating with such control and indicating equipment (CIE) as Signal-VK-4, Signal-20, Signal-20P, and similar devices which have output contacts which the device in the alarm mode can apply voltage of direct current to the Svirel-2 rev.03 through.

The Svirel-2 rev.03 is to be powered by a 12 vdc power supply.

#### SPECIFICATION

Sound Pressure Level	100 dB at 1 m
Sound Carrier Frequency	2000-4000 Hz
Consumed Current	350 mA max
Pre-operation Time	1 s max
Continuous Operation Time	10 minutes min
Operating Temperatures	- 30°C to + 45°C
Relative Humidity	up to 100% at + 40°C condensing
Overall Dimensions	66 mm x 92 mm x 118 mm
Weight	0.6 kg max

#### WIRING DIAGRAM

Figure 1 shows common schematic for wiring the Svirel-2 rev.03 to a control and indicating equipment (CIE).

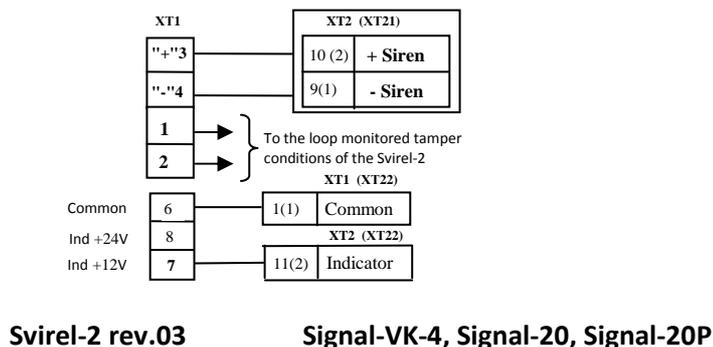


Figure 1

#### MOUNTING

Figure 2 shows the drilling pattern for attaching the Svirel-2 rev.03.

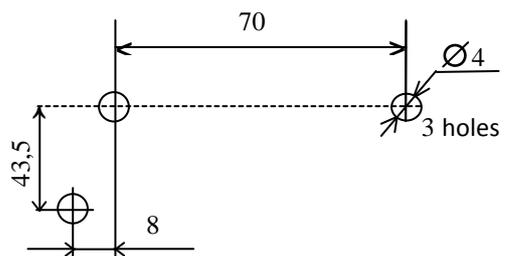


Figure 2

## **TESTING**

1. Before testing the Svirel-2 rev.03 inform the relevant departments about performing a test.
2. Ensure the light and sound alarm has no damages.
3. Turn the Svirel-2 rev.03 on for a time no more than 10 minutes.
4. Make sure the light indicators of the Svirel-2 rev.03 operates normally and sound is not distorted (no rattles, bounce, etc.).
5. From the side of CIE the Svirel-2 rev.03 is connected to, detach the wires of the tamper condition monitoring loop which are connected to the Svirel-2 rev.03 tamper switch within the alarm.
6. Using an ohmmeter measure the resistance of the wires of the tamper condition monitoring loop which are connected to the Svirel-2 rev.03 tamper switch. If the ohmmeter shows a short circuit failure this circuit is correct.
7. Resistance value's exceeding 20 kOhm means that either the Svirel-2 rev.03 is open or the wire has a defect. Close the Svirel-2 rev.03. To solve problems of wires, forward the Svirel-2 rev.03 to the Installer.
8. After testing connect the tamper condition monitoring loop to the CIE terminals and inform the relevant department that the system is ready to operate.

## **MAINTENANCE**

Inspect your light and sound alarm regularly.

Every month inspect the Svirel-2 rev.03 as described by Steps 1 to 4 above.

And also, every year inspect the Svirel-2 rev.03 as described by Steps 5 to 8.