



Universal Alarm Interface

230 VAC -
50 Hz

Benefits

Connects to an existing system and turns on lights when tripped. It has 3 modes of operation:

In mode 1 the SM10 will turn On all Lamp Modules and Wall Switch Modules set to its House code, and will also turn On any other Modules set to its Unit code, a stereo connected to an Appliance Module, for example. All Lamp Modules and Wall Switch Module are left in the On state when the system is de-activated, but the Module set to the same Unit code as the SM10 will turn Off.

In mode 2 the SM10 will FLASH all lights connected to Lamp Modules or Wall Switch Modules. All Lamp and Wall Switch Modules will be left in the On state when the system is de-activated but Appliance modules set to the same House code as the SM10 will turn Off.

In mode 3 the SM10 will turn ON any Module set to the same House Code and Unit Code as the SM10 when the system is activated and turns it OFF when the input contact is opened.

Set the input switch to A for triggering the interface by a low voltage input (6-8 V AC, DC or audio), to B for triggering the interface by a dry contact closure. Do not connect 220V to the input terminal!

The SM10 has a test button which allows you to activate it whether or not it is connected to a system. The *All light off* button allows you to turn off anything which has been turned on by the interface.

To install the SM10 (is expected to be installed inside the security controller panel) :

- Connect the system output to the screw terminals.
- Connect the flying lead to the 230V power supply, most likely at the 230V side of the transformer.

Typical applications

- Flash all the lights in your home when your existing burglar alarm trips.
- Blast your stereo when your alarm trips.
- Connect the SM10 directly to a magnetic switch to turn on lights when a door or window opens, i.e., you don't have to own a burglar system.
- Trigger it from sensors such as a photo cell to turn on lights when it gets dark, from a motion detector to turn on lights when someone enters a room, from a microphone to turn on lights or appliance when a sound from an intruder is detected, from a moisture sensor to sound an alarm if your basement is flooded, from a garage door opener to turn on lights when you open your garage door, etc.



Product number : SM10

Key Features

- Connects to an existing alarm system or any contact output and sends X10 codes on the power line when the contact is tripped.
- Provided with three selectable programs.
- Triggered by a contact closure or a low voltage input.

Technical data

- Supply voltage: 230V \pm 10% 50 Hz
- Supply current : \leq 20 mA capacitive
- EMC emission: according to EN 50065-1 EN61000-3-2+3
- EMC immunity: according to EN 50082-1
- Electrical safety: according to EN 60950 and EN 60065
- X-10 Powerline: 120 kHz \pm 2 kHz / 2,5 Vpk-pk
- Ambient temperature:
 - 10° C to + 50° C (operation)
 - 20° C to + 70° C (storage)
- Dimensions:
 - 55 x 90 x 38 mm
 - (width x height x depth)