



NOFIRE

TECHNICAL SPECIFICATIONS

- **Operating voltage (On Mains):** Input; 190/230VAC 50Hz, Output; 13,80VDC \pm 3%
- **At Stand by current pulling:** 0.03 A
- **Battery capacity:** 12V 2.3Ah
- **Battery supply voltage:** 11.7VDC - 13.8VDC \pm 3%
- **Battery operating time (at stand by):** 36 hours
- **S.Valve relay contact current:** 5A (max) ; 240VAC / 28VDC
- **S.Valve output current:** 1.6A
- **Dry contact output current:** 5A (max) 240VAC / 28VDC
- **External contact input current:** 5mA (max)
- **Battery withdrawal feature:** Automatic (with 60 mA load every 100 seconds) and Manual
- **S. Valve energized in case of alarm:** Max. Energizing for 4 sec.
- **Operating ambient temperature:** -10 to +51.5° C
- **S.Valve connection cable thickness, distance:** Max. 20m (1.5mmx2 TTR cable)
- **Mounting position:** 0° horizontally
- **Earthquake detection position:** 360°
- **Total height:** 180mm
- **Total width:** 215mm
- **Total depth:** 165mm
- **Weight:** 6.2 Kg



GENERAL FEATURES

- Mechanical earthquake Sensor; It is definitely not affected by magnetic fields that may occur during an earthquake or for any reason.
- With its stainless steel ball and patented design, it can detect earthquakes for many years and sends signals.
- Thanks to the external sensor input; It has the ability to close a single Solenoid Valve (12V DC) by using it with a gas alarm device...
- Thanks to the contact output, it can cut the building electricity and guide.
- Thanks to the contact output, the elevator activates the floor completion system.
- Thanks to the contact output, the generator can be deactivated and guide.
- Thanks to the contact output, it has the ability to contact any desired circuit...
- It provides ease of use for the building manager or authorized person with its LCD display.
- It provides long-lasting security with its 100% leakproof panel manufactured in world standards.
- When the panel connection is installed tightly and in balance, it closes in moderate and high earthquakes.
- Absolutely Truck, Dozer, Truck, Train etc. It is not affected by the operation of vehicles that can vibrate the ground, It is activated by the mass movement of the building.

INDICATORS AND WARNINGS

- Earthquake alarm: When there is an earthquake, “Earthquake Alarm” is written on the LCD screen and gives an audible warning.
- Network electricity operation indicator: "System A/C" is written on the LCD screen.
- Battery operation indicator: "System D/C" is written on the LCD screen.
- Battery test feature: Battery test feature is done in two ways :
- Manual ; During the periodic maintenance, the cover of the device is opened and the battery test button (2nd button) inside is pressed. If the battery voltage has dropped below the threshold voltage, "Battery Charge" is displayed when the system is on the mains and "Battery Low" if the system is on the battery and gives an audible warning.
- Automatic; The device is tested every 100 seconds if it falls below the threshold voltage of 11.7VDC (\pm 5%) with a load current of 60mA. If the battery voltage has fallen below the threshold voltage, "Battery Low" if the system is on battery, "Battery Charge" if the system is on the network and gives an audible warning.
- Battery weak or problem (insufficient): The battery test performed automatically by the device is repeated 11 times. If there is no upward trend in battery voltage during this period, the LCD screen displays "Battery Problem" and gives an audible warning.
- S.Valve failure or line break warning: If "S.V. Line broken" is written on the LCD screen and an audible warning is given (3 times in every 5 seconds), there is a problem in the Solenoid valve or a disconnection in the connection cable.
- Battery automatic charging feature: It is constantly charged while working on the network.
- Alarm reset feature : Manually. (1st button).
- Device test feature : Manually. (3rd button).

Sismik®