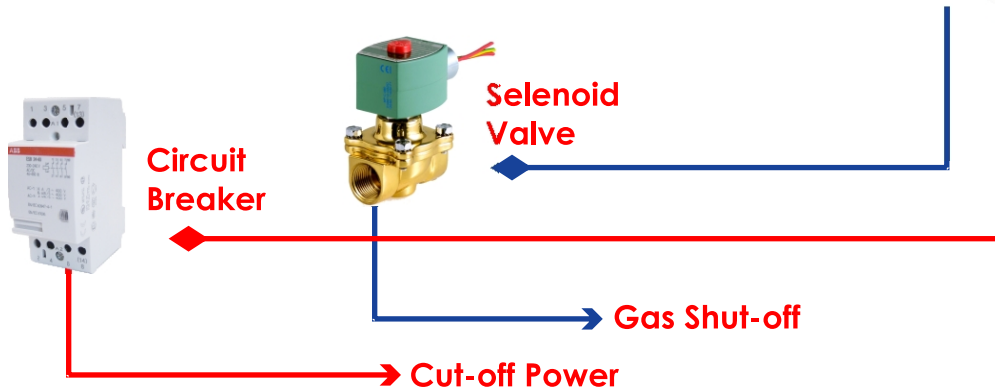


Electromechanical Seismic Sensor

Earthquake Sensor + Gas Shut-off System

TS EN 12884
ISO-9001:9002



► ELECTROMECHANICAL SEISMIC SENSOR

Stand alone battery powered Seismic Sensor Gas Shut-Off system automatically activates the electronic shutoff valve when the sensor detects serious ground movement, thus minimizing possible further damage from gas explosion. This device has 4 NO/NC dry contact which activate in case an earthquake. This multipurpose outputs use for cut-off power systems such as generators , UPS , mains supply

► GENERAL FEATURES

- Power / Fault / EARTQUAKE (ALARM) / Battery State LED Indicators
- ALARM / TEST Buttons
- Battery powered. (12V 1,3Ah battery included with system). Standby time of the seismic sensor after the mains has failed is about 36hours
- The Seismic Sensor also includes also 4X relay alarm output to be used for remote signals and to stop the power supplies, avoiding, in this case possible fire and explosions sources , or to connect to fire alarm systems , AVAC systems , elevators
- Seismic sensor is equipped with a multipurpose input. This input use with gas leakage detector , smoke detector or any other control device. When this input is triggered by a gas detector , smoke detector , seismic sensor will be automatically switches to alarm states and activate all outputs.
- Meet or Exceeds TS EN 12884 - AMSI/ASCE/25-06 standards
- The Seismic Sensor can be work with elevators. When a primary and/or secondary wave seismic sensor is activated, all elevators will be stopped at the nearest floor and park there with the doors open to facilitate the safe evacuation of passengers.



SEISMIC SENSOR



GAS SHUT-OFF



POWER CUT-OFF



EMERGENCY STOP ELEVATORS



FIRE ALARM SYSTEMS AVAC SYSTEMS



GAS LEAKAGE



Gas Detector



SPECIFICATION

Supply Voltage : 100-260V AC , 50Hz/60Hz

Quiescent Current : 36mA

Relay Output : 4 X 16A / 250V AC

Solenoid Valve Relay Output : 2,5A - 12V DC

Battery Backup : 1,3Ah 12V

Standby Time : 36 Saat

Sensing Plane : Horizontal X-Y

Sensitive Widest Range Acceleration : 0+ 1g / -1g

Frequency Sensitivity Range : Ts12884

Minimum Sensitivity Acceleration Range : 0 +/- 40mg

Sensor Analogue Output Sensitivity : 500mV/g

Sensor Digital Output Resolution : 40mg

Max. Impact Acceleration Strengt : 50.000g

Working Temperature : 0C° + 51,5C°

Humidity : % 0-90

Internal Sounder : Piezoelektrik Buzzer , Alarm : 85dB / 1 mt.

Weight : 4,5Kg

Dimension : 240mm X 220mm X 80mm