



### Advantages

- Ensures the safety of electrical appliances and devices from the excessive amount of electric current.
- Helps in the flow of electric current directly inside the ground. Keeps the electric appliance safe from the damage.
- Eliminates shock hazard.
- Protects equipment from voltage.
- Prevents electrical fires.
- Reduces equipment repair cost and downtime.
- Lowers levels of electrical noise (fluctuations in an electrical signal)
- EMS can provide safety for the electrical network.
- Ground fault be reduced and increase human safety.
- Precaution against leakage current
- Protect the equipment's and increase the life span.
- Monitoring proper earthing for all time
- Maintain current and voltages are safe to handle.

### Technical Specifications

| Description              | Value                |
|--------------------------|----------------------|
| Operating Voltage        | DC 12V 2A            |
| Output                   | Relay output (NC)    |
| Output Range             | 7A 14VDC/7.5A 250VAC |
| Output Alarm Indication  | Yes                  |
| Digital Input            | Dry contact          |
| Display Type             | 7 Segment LED        |
| Customizable Alarm Limit | Yes                  |
| Dimension                | 96mmx65mmx48H mm     |
| Operating Temperature    | Ambient Temperature  |

### Key Features

- EMS is direct measurement of ground-to-neutral voltage.
- Continuous monitoring and live display of voltage.
- Easy installation and set-up.
- Alarm will be indicated whenever change in the set limits of voltage.
- Voltage limit can be set up to 20v.
- Provided additional digital input (dry contact) for alarm indication of any input set limit low. For example, low air pressure limit can be used with this EMS.
- Application-Any type of industries, machines etc.,

