

Three-stage SPD230V surge protection device meets standard protection against power surges, voltage surges and disturbances with three stages of protection.

Housed in a din rail panel mount case with a protected earth ground.

In order to work properly, it is important to have a good connection in E terminal to solid earth ground.

Unknown electronic device failure and misbehave in controller units might be avoided by using SPD-230V

Features:-

1. Three stage Protection for Power lines - L - N, L - E and N – E
2. Suitable for 230 V AC Applications and 310 V DC applications
3. Optional fault indication

Application:-

All types 230V power line panels, Industrial and building automation, Solar power systems, Wind power systems, etc.,

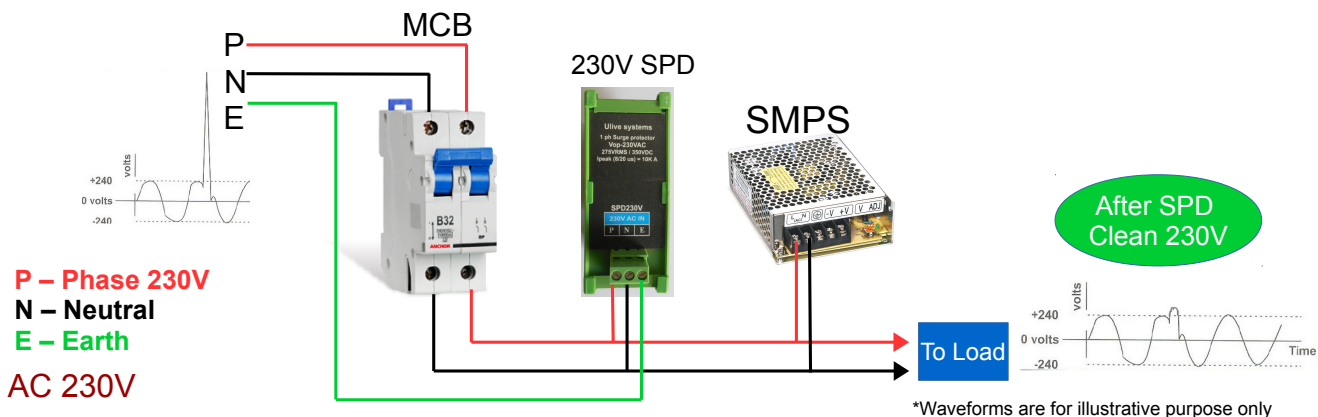
Where to Use:

- For frequent SMPS power supply failures. Connect as close as to the Supply and after the MCB in the circuit
- Noisy industrial lines like AC drives
- Industrial power lines

Electrical Properties:

| Characteristic | Value | Unit |
|---|--|------|
| Peak current dissipation with 8/20us waveform | Max. 10,000 | A |
| Operating voltage | 230V AC, 310V DC | V |
| Operating humidity | 0 ~ 95% | RH |
| Operating temperature range | 0 ~ 85 °C | °C |
| Dimension | 9 x 4 x 5 cm | cm |
| Rated watts 10/1000uS | 303 | JW |
| Capacitance | 860 | PF |
| Certification | Meets UL 3rd N° E332875 for use in Type 2 SPD Applications | |

SPD 230V AC - Connection Diagram



Ulive systems manufactures various products for industrial use like

- ✓ **USB-RS485, USB-RS232, USB-RS422, RS232-RS485, RS232-RS422**
- ✓ **ISO-USB-RS485, ISO-RS232-RS485**
- ✓ **ETH-RS485, ETH-RS422, ETH-RS232-D**
- ✓ **MODBUS IO modules – 48DI, 24DI24DO, 16DI, 8DI8DO, 0 – 20mA, 0 – 10V**
- ✓ **0 – 20mA / 0 – 10V simulator**
- ✓ **PLC, HMI, Relay modules**
- ✓ **Surge protection devices for RS485, 1ph 230V AC, 3Ph 440V AC etc.,**