

Featured Products Bulletin

SURGE PROTECTIVE DEVICES



Bourns Releases New Surge Protective Device (SPD) Model 1530-1 Series Power over Ethernet (PoE) Surge Protector

Riverside, California - January 20, 2015 - Bourns is pleased to announce the release of the [Model 1530-1](#) PoE Surge Protector. The Bourns® Model 1530-1 is a high performance SPD designed to protect communications systems, equipment and installations from damaging surge voltages and currents.

The Model 1530-1 Series incorporates state-of-the-art protection technologies designed and manufactured by Bourns. Working together, these surge and current limiting devices provide an enhanced level of **Active Surge Limiting** needed for today's sensitive electronics.

The Bourns® Model 1530-1 Series **Active Surge Limiting** results in extremely low levels of let-through energy and is comprised of a combination of Gas Discharge Tube (GDT) and TBU® High-Speed Protector (HSP) technologies. With **Active Surge Limiting**, any current exceeding a preset level will cause the Model 1530-1 to quickly transition into a high impedance state, thus isolating any harmful voltages and/or currents from damaging protected equipment. Excess surge energy is easily handled by the GDT up to rated limits and after the surge event has passed and line voltages return to safe levels, the Model 1530-1 automatically restores the line to normal operation by resetting to a low impedance state. There is no need for resetting a breaker or replacing a fuse to address a transient surge event.

The Model 1530-1 Series is designed to meet applicable Telcordia GR-1089 Level 1 and Level 2 Surge and AC Power Fault specifications on the data signal line while allowing operations up to 35 watts (employing both Mode A and B combination) at 57 volts. The Model 1530-1 Series enclosure is flame retardant and manufactured with a high impact-resistant plastic.

Features

- **Active Surge Limiting** technology
- Low impulse voltage let-through
- Low impulse current let-through
- High surge current rating
- 10/100/1000 Mbps data compatibility
- Transparent to Mode A or Mode B
- Compatible with Class 4 power levels

Applications

- Data communications
- Highly exposed Ethernet
- Telecommunication and indoor industrial installations
- Surveillance cameras
- Remote power and communication

The product data sheets with detailed specifications can be viewed on the Bourns' website at www.bourns.com. Please contact your local [Bourns Representative](#) or [Bourns Customer Service](#) for samples or for further information.