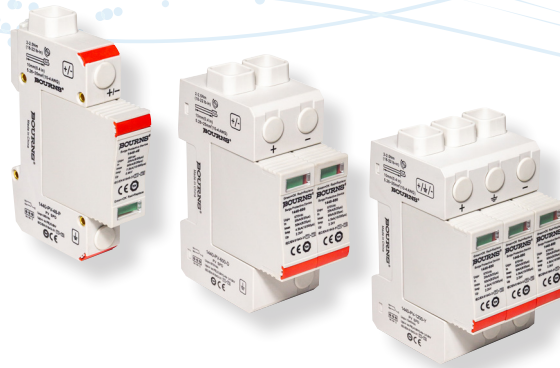




NEW PRODUCT RELEASE

SURGE PROTECTIVE DEVICES



Bourns Releases New DC Surge Protective Devices (SPDs)

Model 1440 Series

Riverside, California – August 14, 2024 – Bourns is pleased to announce the release of a new IEC Class II DC Surge Protective Device family which will significantly expand our current product line offering.

DC Surge Protective Devices

The Bourns® [Model 1440 Series](#) are DC power Surge Protective Devices designed for DC-side protection of photovoltaic systems against damage from surges caused by lightning and other electrical sources, up to rated limits, while operating up to 1500 VDC. The high energy MOV technology design with an Advanced Thermal Disconnecter (TD+) provides an enhanced level of protection against the effects of direct or indirect lightning.

These Din-Rail mountable devices have a maximum lightning surge current rating of 50 kA (8/20 μ s) per pole. These models are RoHS compliant*, IEC/EN 61643-31 compliant Class I + Class II / T1+T2 SPDs.

Features

- High energy MOV technology with Advanced Thermal Disconnecter (TD+)
- Status indicator
- Replaceable modular design
- For common mode and differential mode protection
- Remote signaling capability
- IEC/EN 61643-31 compliant Class I + Class II / T1+T2 SPD
- 50 kA I_{max} (8/20 μ s) and 7.5 kA I_{imp} (10/350 μ s) current capability
- RoHS compliant*

Applications

- DC power applications
- Photovoltaic systems
- EV charging stations

Please visit www.bourns.com/products/surge-protective-devices for the full line of available SPD products. The product data sheet with detailed specifications can be viewed on the Bourns website.

If you have any questions or need additional information, please contact [Bourns Customer Service/Inside Sales](#).

* RoHS Directive 2015/863, Mar 31, 2015 and Annex.