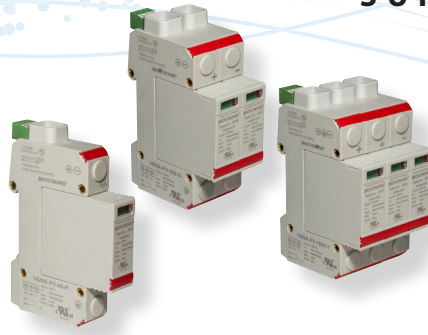




NEW PRODUCT RELEASE

SURGE PROTECTIVE DEVICES



Bourns Releases New DC Surge Protective Device (SPD)

Model 1420A Series

Riverside, California – June 30, 2023 – Bourns is pleased to announce the release of a new DC Surge Protective Device family which will significantly expand our current product line offering.

DC Surge Protective Devices

The Bourns® [Model 1420A Series](#) is a DC power Surge Protective Device designed for photovoltaic system DC-side protection against damage from surges caused by lightning and other electrical sources, up to rated limits, while operating up to 1500 VDC. The unique 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. This series is RoHS compliant*, UL recognized and meets UL 1449 4th edition requirements.

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
- UL recognized Type 4, Type 2 Location SPD
- High surge current discharge capacity up to 50 kA (8/20 μ s)
- 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 SPD products available. Product data sheets with detailed specifications can be viewed on the Bourns website.

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

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