

# NEW PRODUCT RELEASE

## SURGE PROTECTIVE DEVICES



## Bourns Releases New AC Surge Protective Devices (SPDs)

### Model 1270 Series

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

#### IEC Class I AC Surge Protective Devices

The Bourns<sup>®</sup> [Model 1270 Series SPD](#) is a Din-Rail pluggable IEC Class I AC Surge Protective Device (SPD) designed for power system, lightning, current & surge protection, especially in locations of high risk exposure to damage from direct or close lightning strikes.

These SPDs are intended to be installed at the front end of the installation, in the area of the main switchboard, close to sensitive terminals or in installations with LPS (Lightning Protection Systems, a.k.a. lightning rods).

The Model 1270 Series are IEC Class I AC SPDs with a maximum discharge current rating of 80 kA (8/20 μs). These models are IEC/EN 61643-11 compliant Class I + Class II / T1+T2 SPDs.

#### Features

- IEC/EN 61643-11 compliant Class I + Class II / T1+T2 SPD
- High reliability protected MOV with Thermal Disconnect
- Large surge energy capability up to 80 kA per mode
- Pluggable module for easy replacement
- High short-circuit current rating up to 50 kArms
- Impulse current capacity up to 12.5 kA 10/350 μs
- RoHS compliant\*

#### Applications

- Electrical service entrance
- Branch panels
- All power circuits
- Heavy industrial
- EV charging stations

Please visit [www.bourns.com/products/surge-protective-devices](http://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.