Bourns Introduces EdgMOV™ Disc Varistors

Breakthrough Surge Protection Performance in a Space-Saving Design

Riverside, California – January 3, 2024 – Bourns is pleased to announce its new Model EV Series EdgMOV™ High Surge Disc Varistors with superior nominal and surge current capabilities. With nominal surge ratings of 1.5 kA, 3 kA, 5 kA and 8 kA for model sizes 7, 10, 14 and 20 mm respectively, these new offerings allow for replacement of standard conventional MOV devices with one form factor smaller Model EV Series EdgMOV™ varistors:

<table>
<thead>
<tr>
<th>Device</th>
<th>Model Size</th>
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</thead>
<tbody>
<tr>
<td></td>
<td>7 mm</td>
</tr>
<tr>
<td>Standard MOV</td>
<td>500</td>
</tr>
<tr>
<td>EdgMOV™ Varistor</td>
<td>1500</td>
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</tbody>
</table>

For more information on Bourns® EdgMOV™ Disc Varistors, check out our additional available resources through these helpful links:

- Product Guide: Bourns® MOV, MLV and Hybrid Components
- Brochure: Bourns® Varistor Components
- New Product Brief: Bourns® EdgMOV™ Disc Varistors
- Cross Reference Guide: Bourns® EdgMOV™ Disc Varistors
- White Paper: How a New Varistor Design Improves Circuit Protection Performance and Saves Space
- White Paper: Tips on Selecting the Right MOV Surge Suppressor
- White Paper: Specifying Bourns Surge Protection Components for UL/IEC 62368-1 Compliance
- Selection Guide: Overvoltage Protection Components for AC Power Lines
- Product Training Module: EdgMOV™ Disc Varistors
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Features
- AC voltage rating 150 V to 550 V
- Model sizes 7, 10, 14 and 20 mm
- Nominal surge ratings 1.5 kA, 3 kA, 5 kA, 8 kA
- Operating temperature -40 °C to +105 °C
- UL listed
- RoHS compliant*

Applications
- White goods
- Smart meters
- LED lighting
- Fire alarm systems
- Power supplies
- Motor drives


Please visit the Bourns website at [www.bourns.com/products/circuit-protection/varistor-products/through-hole](http://www.bourns.com/products/circuit-protection/varistor-products/through-hole) for additional details on Bourns® EdgMOV™ Disc Varistors. If you have any questions, please feel free to contact Bourns Customer Service/Inside Sales.