DTK-120/240HD Surge Protector is designed to protect 120/240 split phase AC power systems. This device incorporates individually fused components for maximum performance and protection in the most demanding environments. Its compact size makes it an excellent choice for residential electrical panel protection.

**Product Features**

- 50,000 Amp surge current rating ensures long service life
- Compact size enables close mounting to the protected panel, to minimize wire length and maximize performance
- UL96A Lightning Protection Compliant
- Diagnostic LED indicates system power and

**Applications**

- Branch Panels and Service Panels
- Small Disconnects

**Accessories**

- Flush Mount Kit - DTK-FMKHD

**Technical Specifications**

<table>
<thead>
<tr>
<th>Service Voltage:</th>
<th>120/240VAC, Split Ø (3W + G)</th>
</tr>
</thead>
<tbody>
<tr>
<td>MCOV:</td>
<td>150V/300V</td>
</tr>
<tr>
<td>Protection Modes:</td>
<td>All Modes</td>
</tr>
<tr>
<td>Nominal Discharge</td>
<td>20kA</td>
</tr>
<tr>
<td>Current Rating (In):</td>
<td>20kA</td>
</tr>
<tr>
<td>Voltage Protection Rating:</td>
<td>600V L-N, N-G, 1000V L-G, 1200V L-L</td>
</tr>
<tr>
<td>Surge Current Rating:</td>
<td>50,000 Amps/phase, 25,000 Amps/mode</td>
</tr>
<tr>
<td>SCCR:</td>
<td>100,000A</td>
</tr>
<tr>
<td>Operating Frequency:</td>
<td>50/60 Hz</td>
</tr>
</tbody>
</table>

**Mechanical Characteristics**

- Connection Method: ½” NPT conduit, watertight fittings
- Housing: NEMA 4X
- Operating Temperature: -31°F - 104°F (-35°C - 40°C)
- Maximum Humidity: 95% non-condensing
- Dimensions: 3.5"Lx 3.5"W x 2.4"H (89mm x 89mm x 61mm)
- Weight: 1.2 lb. (.5kg)

**Agency Approvals**

- UL1449 Listed, cUL
- SPD Type 1 (US), SPD Type 2 (Canada)
- ANSI/IEEE C62.41 and C62.45 Category B and C3
- Ten Year Limited Warranty