



## DTK-120/240SA Residential Surge Protective Device

DITEK's DTK-120/240SA Residential Surge Protective Device is a powerful first line of defense against voltage surges and spikes. Its 100,000 Amp per Phase surge current rating provides strong protection when installed at locations such as the utility meter, main disconnect or household service panel. It can be used for indoor or outdoor applications.



### Product Features

- NEMA 4X weatherproof enclosure
- Parallel connection
- Diagnostic LED provides positive indication of system power and SPD function
- UL96A Lightning Protection Compliant

### Applications

- Residential Meter Enclosure
- Main Electrical Disconnect

### Accessories

- Flush Mount Kit, p/n DTK-FMKHD2

### Technical Specifications

<b>Voltage Configuration:</b>	120/240VAC Split $\Phi$ (2W + G)
<b>MCOV:</b>	150V/300V
<b>Protection Modes:</b>	L-G, L-L
<b>Voltage Protection Rating:</b>	600V L-G, 1000V L-L
<b>Surge Current Rating:</b>	100,000A / Phase 50,000A / Mode
<b>SCCR:</b>	100,000A
<b>Nominal Discharge Current Rating (<math>I_n</math>):</b>	20kA
<b>Operating Frequency:</b>	50/60Hz

### Mechanical Specifications

<b>Connection Method:</b>	½" NPT Male Non-metallic Fitting 30-inch 12 AWG Leads
<b>Housing:</b>	NEMA 4X Polycarbonate
<b>Operating Temperature:</b>	32°F – 104°F (0°C – 40°C)
<b>Maximum Humidity:</b>	95% non-condensing
<b>Dimensions:</b>	4.7" L X 4.7" W x 2.4" H (119 mm x 119 mm x 61 mm)
<b>Weight:</b>	1.45 lb (0.66 g)

### Quality Standards & Approvals

<b>Certifications:</b>	UL1449 4 <sup>th</sup> Edition CSA C22.2 No. 269.1-14
<b>SPD Type:</b>	Type 1
<b>Warranty:</b>	10 Year Limited Warranty