



## DTK-120/240HD2 100kA Surge Protective Device

DITEK's DTK-120/240HD2 is engineered to be the finest 120/240V surge protector in its class. The DTK-120/240HD2 has robust surge protection components and low let-through voltage in a compact package. LED diagnostics provides positive indication of surge protection status. The HD2 series is perfect for residential or small commercial building surge protection.



### Product Features

- Protects 120/240V split phase electrical panels
- 100,000 Amp per phase surge current rating
- UL96A Lightning Protection Compliant
- Diagnostic LED provides positive indication of system power and SPD function
- 5 Year \$25,000 Residential Connected Equipment Warranty

### Applications

- Residential Service Panel
- Light Industrial Service Panel

### Accessories

- Flush Mount Kit, p/n DTK-FMKHD2

### Technical Specifications

<b>Voltage Configuration:</b>	120/240VAC Split $\Phi$ (3W + G)
<b>MCOV:</b>	150V/300V
<b>Protection Modes:</b>	L-G, L-L, L-N, N-G
<b>Voltage Protection Rating:</b>	600V L-G, L-N 1000V L-L, 900V N-G
<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>	1/2" 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

