



## DTK-120/240HDFM 50kA Surge Protective Device

DITEK's DTK-120/240HDFM is designed to protect 120/240V split phase AC power systems. This device incorporates individually fused components for maximum performance and protection in the most demanding environments. Its compact size and flush mount plate makes it an excellent choice for residential recessed electrical panel protection.

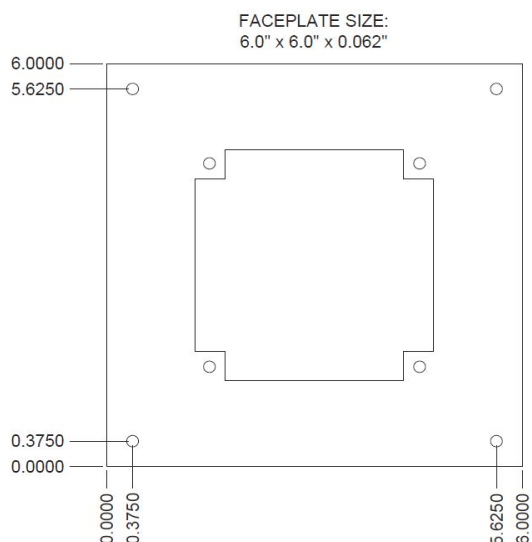


### Product Features

- 50,000 Amp per phase surge current rating
- Flush mount plate and flexible metal conduit for mounting next to recessed electrical panels
- UL96A Lightning Protection Compliant
- Diagnostic LED provides positive indication of system power and SPD function
- 5 Year \$10,000 Residential Connected Equipment Warranty

### Applications

- Recessed Electrical Service Panels



### 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>	1000V L-G, 1200V L-L 600V L-N, N-G
<b>Surge Current Rating:</b>	50,000A / Phase 25,000A / 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 Flexible Conduit 30-inch 12 AWG Leads
<b>Housing:</b>	Polycarbonate
<b>Operating Temperature:</b>	-31°F – 104°F (-35°C – 40°C)
<b>Maximum Humidity:</b>	95% non-condensing
<b>Dimensions:</b>	6.0" L X 6.0" W x 2.4" H (152 mm x 152 mm x 61 mm)
<b>Weight:</b>	1.2 lb (0.5 kg)

### 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>Standards Compliance:</b>	ANSI/IEEE C62.41 and C62.45 Category B and C3
<b>Warranty:</b>	10 Year Limited Warranty

