



## DTK-CM+ Series Split Phase Surge Protective Device

DITEK's DTK-CM+ Series of Surge Protective Devices (SPD's) provide durable, cost-effective protection and are suitable for use in a variety of locations. These compact, parallel-mount SPD's are available for 120/240V and 240/480V systems, and are an excellent choice for effective, performance driven surge protection.



### Product Features

- NEMA 4X weatherproof enclosure allows for use in harsh environments
- Parallel connection for easy installation
- Diagnostic LED provides positive indication of system power and SPD function
- Automatically resets to handle multiple surge events
- 3 Year \$7,500 Residential Connected Equipment Warranty (DTK-120/240CM+)

### Applications

- HVAC Equipment, Pumps, Motors
- Highway Lighting, Parking Lot Lighting
- Incoming Utility Power

### Accessories

- Flush Mount Kit – DTK-FMK

### Technical Specifications

Part Number:	DTK-120/240CM+	DTK-240/480CM+
<b>Voltage Configuration:</b>	Split $\Phi$ (2W +G) 120/240VAC	Split $\Phi$ (2W +G) 240/480VAC
<b>MCOV:</b>	150V/300V	320V/640V
<b>Voltage Protection Rating:</b>	700V L-G 1200V L-L	1200V L-G 2500V L-L
<b>Surge Current Rating:</b>	50,000A	
<b>SCCR:</b>	100,000A	
<b>Nominal Discharge Current Rating (<math>I_n</math>):</b>	10kA	
<b>Operating Frequency:</b>	50/60Hz	

### Mechanical Specifications

<b>Connection Method:</b>	$\frac{3}{4}$ " NPT Male 18-inch 12 AWG Leads
<b>Housing:</b>	NEMA 4X Polycarbonate
<b>Operating Temperature:</b>	-31°F - 176°F (-35°C - 80°C)
<b>Maximum Humidity:</b>	95% non-condensing
<b>Dimensions:</b>	3.5" L x 1.89" W x 3.4" H (88.9 mm x 48.3 mm x 86.4 mm)
<b>Weight:</b>	0.55 lb (.025 kg)

### Quality Standards & Approvals

<b>Certifications:</b>	UL1449 5 <sup>th</sup> Edition CSA C22.2 No. 269.1-17
<b>SPD Type:</b>	Type 1
<b>Warranty:</b>	10 Year Limited Warranty

