



## DTK-HW Series Parallel Connected Surge Protective Device

DITEK's DTK-HW Series of surge protective devices are designed and manufactured to meet the standards of the life safety industry. These compact, parallel-mount SPD's are available for 120V, 240V and 120/240V systems; and are widely used to protect fire alarm panels and other dedicated branch circuit loads. Their small footprint enables installation in a variety of locations.



### Product Features

- Approved for 20A circuit breakers
- NEMA 4X weatherproof enclosure allows for use in harsh environments
- Diagnostic LED provides positive indication of system power and SPD function
- Complies with ANSI/IEEE C62.41 and C62.45 Category B standards

### Applications

- Fire Alarm Control Panels
- Residential Electrical Panels
- Equipment Panels
- Pumps, Motors, Lift Pump Stations

### Accessories

- DIN Rail Mounting Kit, p/n DTK-DRK

### Technical Specifications

Part Number:	DTK-120HW	DTK-240HW	DTK-120/240HW
<b>Voltage Configuration:</b>	Single $\Phi$ (2W +G) 120VAC	Single $\Phi$ (2W +G) 240VAC	Split $\Phi$ (3W +G) 120/240VAC
<b>MCOV:</b>	150V/300V	320V/640V	150V/300V
<b>Voltage Protection Rating:</b>	700V L-G, L-N 1500V N-G	1200V L-G, L-N 2000V N-G	700V L-G, L-N 1500V L-L, N-G
<b>Surge Current Rating:</b>	50,000A	50,000A	100,000A
<b>SCCR:</b>	100,000A		
<b>Nominal Discharge Current Rating (<math>I_n</math>):</b>	10kA		

### 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 (0.25 kg)

### Quality Standards & Approvals

<b>Certifications:</b>	UL1449 4 <sup>th</sup> Edition, CSA C22.2 No. 269.1-17
<b>SPD Type:</b>	Type 1
<b>Warranty:</b>	10 Year Limited Warranty

