

# DTK-HW Series

## Parallel Connected Surge Protective Device



### Product Features

- Approved for 20A circuit breakers
- NEMA 4X Weatherproof enclosure allows for use in harsh environments
- Diagnostic LED indicates ground presence, system power and SPD function
- Complies with ANSI/IEEE C62.41 and C62.45 Category B standards

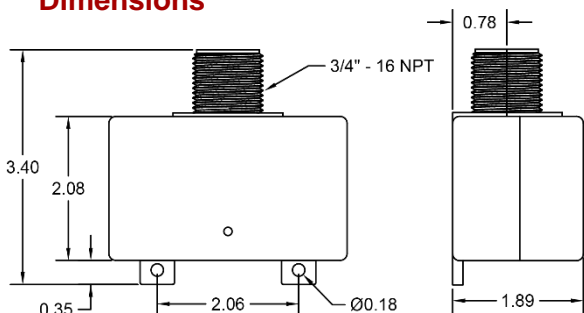
### Applications

- Fire Alarm Control Panels
- Equipment Panels
- Dedicated Branch Circuits
- Pumps, Motors and Lift Pump Stations

### Accessories

- DIN Rail Mounting Kit – DTK-DRK

### Dimensions



**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.

### Technical Specifications

Part Number:	DTK-120HW	DTK-240HW	DTK-120/240HW
Service Voltage:	Single $\Phi$ (2W + G), 120VAC	Single $\Phi$ (2W + G), 240VAC	Split $\Phi$ (3W + G), 120/240VAC
MCOV:	150V	320V	150/320V
Protection Modes:	L-G, L-N, N-G	L-G, L-N, N-G	L-G, L-L, L-N, N-G
Voltage Protection Rating:	700V L-G 700V L-N 1,500V N-G	1,200V L-G, 1,200V L-N 2,000V N-G	700V L-G, L-N 1,500V L-L, 1,500V N-G
Surge Current Rating:	50,000A	50,000A	100,000A
SCCR:	10kA		
Nominal Discharge Current Rating ( $I_n$ ):	10kA		

### Mechanical Characteristics

Connection Method:	3/4" NPT Parallel Wired
Housing:	NEMA 4X
Temperature Range:	-31°F - 104°F (-35°C - 40°C)
Maximum Humidity:	95% non-condensing
Dimensions:	3.5"L x 1.89"W x 3.4"H (88.9mm x 48.3mm x 86.4mm)
Weight:	0.55 lb. (0.25 kg)

### Quality, Standards & Approval

Agency Approvals:	UL 1449 4 <sup>th</sup> Edition, cUL
SPD Type:	Type 1 SPD
Warranty:	Ten Year Limited

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