

# DTK-HW Series

Equipment Panel/Dedicated Circuit Surge Protective Device



DTK-120HW

## Product Features

- Available for 120V and 120/240V systems
- DTK-120HW approved for 20A circuit breakers
- Diagnostic LED indicates ground presence, system power and SPD function
- Weatherproof enclosure
- Small footprint enables installation in a variety of locations
- Complies with ANSI/IEEE C62.41 and C62.45 Category B standards

## Applications

- Equipment Panel
- Dedicated Branch Circuit

DITEK's DTK-HW Series of surge protectors are designed and manufactured to meet the standards of the life safety industry. These compact, parallel-mount surge protectors are widely used to protect fire alarm panels and other dedicated branch circuit loads.

## Technical Specifications

Part Number:	DTK-120HW	DTK-120/240HW
Service Wiring:	Single (2W + G), 120VAC	Split (3W + G), 120/240VAC
Peak Surge Current:	18,000A	32,000A
SCCR:	10,000A	
MCOV:	130V	130/260V
Protection Modes:	L-G, L-N, N-G	L-L, L-G, L-N, N-G
Voltage Protection Rating:	700V L-N, L-G 600V N-G	700V L-N, L-G 600V N-G, 1200 L-L
Nominal Discharge Current Rating ( $I_n$ ):	3kA	
IEEE Location Category:	Category B	
SPD Type:	SPD Type 2	

## Mechanical Characteristics

Connection Method:	3/4" NPT threaded fitting
Housing:	ABS
Temperature Range:	-40°F - 185°F (-40°C - 85°C)
Maximum Humidity:	95% non-condensing
Dimensions:	2.93" x 2.83" x 1.68" (74.4mm x 71.9mm x 42.7mm)
Weight:	0.5lb (227g)

## Quality, Standards & Approval

Agency Approvals:	UL 1449, 3 <sup>rd</sup> Edition, cUL
Warranty:	Ten Year Limited

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