



# DTK-HW Series

Type 1 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 SPDs are available for 120V, 240V and 120/240V configurations, 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

- 50,000A surge current rating ensures long service life
- Compact size enables close mounting to the protected panel
- Diagnostic LED provides positive indication of system power and SPD function
- NEMA 4X polycarbonate enclosure
- Available in 3 voltage configurations
- UL 1449 Listed Type 1 SPD

## APPLICATIONS

- Fire Alarm Control Panels
- Gate Motors
- Control Panels
- Highway Lighting
- LED Lighting

## ACCESSORIES

- Flush mount kit P/N DTK-FMK

TECHNICAL SPECIFICATIONS	
Voltage Configurations:	See chart on page 2
Surge Current Rating:	50,000A
Short Circuit Current Rating (SCCR):	100,000A
Operating Frequency:	50/60Hz
Status Indication:	LED
Recommended Circuit Breaker:	20A single or multi-pole

DITEK Surge Protection, Largo, FL 33771 • Sales: 800-753-2345  
Diteksurgeprotection.com • SPS-100057-001 Rev 21 05/26

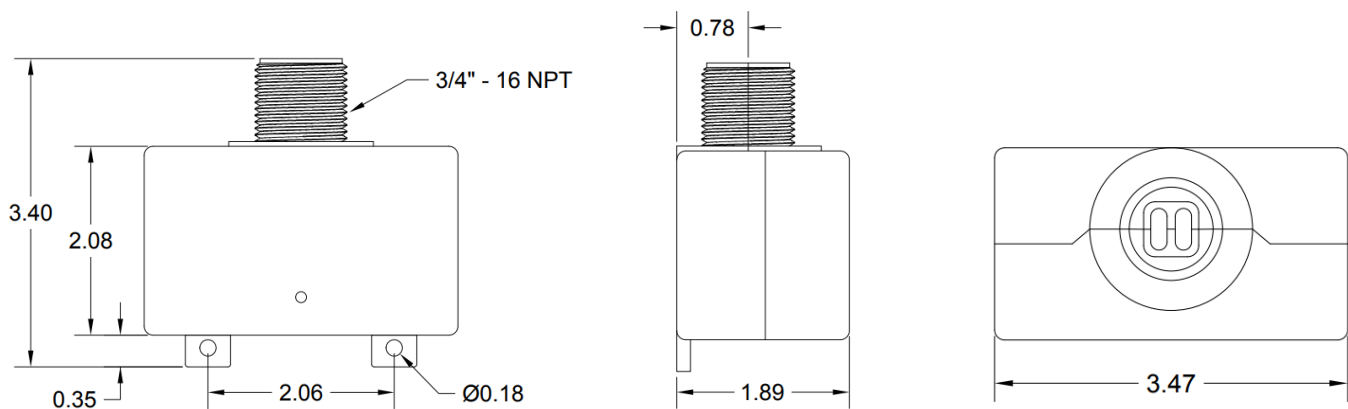




# DTK-HW Series

Type 1 Surge Protective Device

Part Number	Voltage	Service	MCOV	I <sub>n</sub> Rating	Voltage Protection Rating (VPR)			
					L-L	L-N	L-G	N-G
<b>DTK-120HW</b>	120Vac	Single $\Phi$ (2w + G)	150V/300V	10kA	N/A	700V	700V	1500V
<b>DTK-120/240HW</b>	120/240Vac	Split $\Phi$ (3w + G)	150V/300V	10kA	1500V	700V	700V	1500V
<b>DTK-240HW</b>	240/277Vac	Single $\Phi$ (2w + G)	320V/640V	10kA	N/A	1200V	1200V	2000V



MECHANICAL SPECIFICATIONS	
Connection Method:	3/4" NPT male hub 18-inch 12AWG wire leads
Housing:	NEMA Type 4X polycarbonate
Operating Temperature:	-31°F – 176°F (-35°C – 80°C)
Maximum Humidity:	95% non-condensing
Dimensions:	3.47 in. L x 2.08 in. W x 1.89 in. H (88 mm x 53 mm x 48 mm)
Weight:	8.8 oz (249g)

SAFETY STANDARDS AND CERTIFICATIONS	
Certifications:	UL 1449 5 <sup>th</sup> Edition Type 1 SPD CSA C22.2 No. 269.1-17, 2017-02 Type 1 SPD
Standards Compliance:	RoHS
Warranty:	10 Year Limited Warranty

DITEK Surge Protection, Largo, FL 33771 • Sales: 800-753-2345  
Diteksurgeprotection.com • SPS-100057-001 Rev 21 05/26

