



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

Applications

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

Accessories

- Flush Mount Kit – DTK-FMK

Technical Specifications

Part Number:	DTK-120HW	DTK-240HW	DTK-120/240HW
Voltage Configuration:	Single Φ (2W +G) 120VAC	Single Φ (2W +G) 240VAC	Split Φ (3W +G) 120/240VAC
MCOV:	150V/300V	320V/640V	150V/300V
Voltage Protection Rating:	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
Surge Current Rating:	50,000A	50,000A	100,000A
SCCR:	100,000A		
Nominal Discharge Current Rating (I_n):	10kA		

Mechanical Specifications

Connection Method:	3/4" NPT Male, 18-inch 12 AWG Leads
Housing:	NEMA 4X Polycarbonate
Operating Temperature:	-31°F - 176°F (-35°C - 80°C)
Maximum Humidity:	95% non-condensing
Dimensions:	3.5" L x 1.89" W x 3.4" H (88.9 mm x 48.3 mm x 86.4 mm)
Weight:	0.55 lb (0.25 kg)

Quality Standards & Approvals

Certifications:	UL1449 5 th Edition, CSA C22.2 No. 269.1-17
SPD Type:	Type 1
Warranty:	10 Year Limited Warranty

