DTK-HW Series

Equipment Panel/Dedicated Circuit Surge Protective Device

DITEK Surge Protection



DTK-120HW

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.

Product Features

- Available for 120V and 120/240V systems
- 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

Accessories

- DIN Rail Mounting Kit – Part Number DTK-DRK

Technical Specifications

Part Number:	DTK-120HW	DTK-120/240HW
Service Voltage:	Single (2W+G), 120VAC	Split (3W+G), 120/240VAC
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
Surge Current Rating:	18,000A	32,000A
SCCR:	10,000A	
Nominal Discharge Current Rating (I_n):	3kA	

Mechanical Characteristics

Connection Method:	¾" NPT threaded fitting
Housing:	ABS
Temperature Range:	-40°F - 185°F (-40°C - 85°C)
Maximum Humidity:	95% non-condensing
Dimensions:	2.83"L x 1.68"W x 2.93" H (71.9mm x 42.7mm x 74.4mm)
Weight:	0.5lb (227g)

Quality, Standards & Approval

Agency Approvals:	UL 1449, cUL
SPD Type:	SPD Type 2
Standards Compliance:	IEEE Category B
Warranty:	Ten Year Limited

Every precaution has been taken to ensure that this literature is accurate and complete. DITEK Corporation assumes no responsibility and disclaims all liability for damages resulting from the use of this information or for any errors or omissions.

One DITEK Center 1720 Starkey Road - Largo, FL 33771
Phone: 1-800-753-2345 Direct: 727-812-5000
Technical Support: 1-888-472-6100
www.diteksurgeprotection.com

Doc. Number: SPS-100057-001 Rev 11 03/17
©2017 DITEK Corp.

ISO 9001 c UL us LISTED MADE IN U. S. A.