



DTK-120/240HD 50kA Surge Protective Device

DITEK's DTK-120/240HD is designed to protect 120/240V split phase AC power systems. This device incorporates individually fused components for maximum performance and protection in the most demanding environments. Its compact size makes it an excellent choice for residential electrical panel protection.

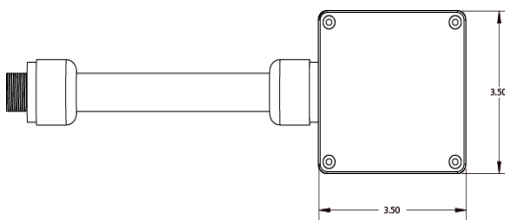


Product Features

- 50,000 Amp per phase surge current rating
- Compact size enable close mounting to the protected panel to minimize wire length and maximize performance
- UL96A Lightning Protection Compliant
- Diagnostic LED provides positive indication of system power and SPD function
- 5 Year \$10,000 Residential Connected Equipment Warranty

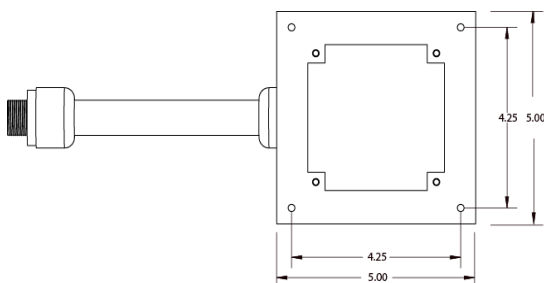
Applications

- Branch Panels and Service Panels
- Small Disconnects



Accessories

- Flush Mount Kit, p/n DTK-FMKHD



Technical Specifications

Voltage Configuration:	120/240VAC Split Φ (3W + G)
MCOV:	150V/300V
Protection Modes:	L-G, L-L, L-N, N-G
Voltage Protection Rating:	1000V L-G, 1200V L-L 600V L-N, N-G
Surge Current Rating:	50,000A / Phase 25,000A / Mode
SCCR:	100,000A
Nominal Discharge Current Rating (I_n):	20kA
Operating Frequency:	50/60Hz

Mechanical Specifications

Connection Method:	½" NPT Male Non-metallic Fitting 30-inch 12 AWG Leads
Housing:	NEMA 4X Polycarbonate
Operating Temperature:	-31°F – 104°F (-35°C – 40°C)
Maximum Humidity:	95% non-condensing
Dimensions:	3.5" L X 3.5" W x 2.4" H (89 mm x 89 mm x 61 mm)
Weight:	1.2 lb (0.5 kg)

Quality Standards & Approvals

Certifications:	UL1449 5 th Edition CSA C22.2 No. 269.1-14
SPD Type:	Type 1
Standards Compliance:	ANSI/IEEE C62.41 and C62.45 Category B and C3
Warranty:	10 Year Limited Warranty

