



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.

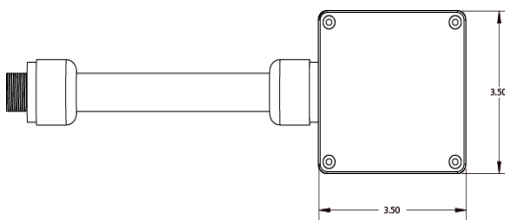


Product Features

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

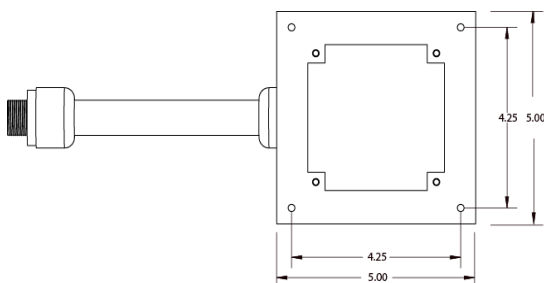
Applications

- 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

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|-------------------------------|--|
| Connection Method: | 1/2" NPT Male Non-metallic Fitting 30-inch 12 AWG Leads |
| Housing: | NEMA 4X Polycarbonate |
| Operating Temperature: | -31°F – 185°F (-35°C – 85°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

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

