



DTK-120/240HDFM 50kA Surge Protective Device

DITEK's DTK-120/240HDFM 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 and flush mount plate makes it an excellent choice for residential recessed electrical panel protection.

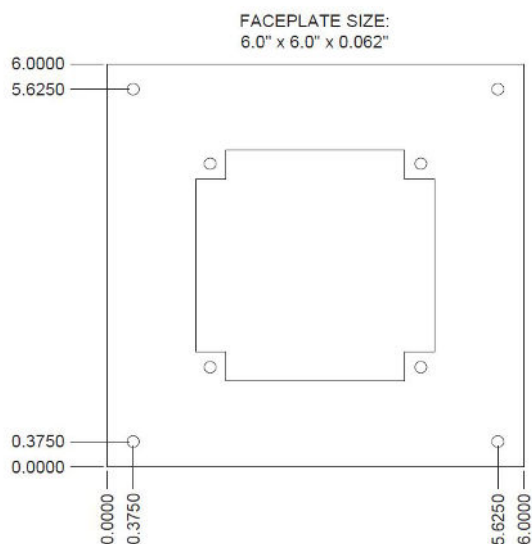


Product Features

- 50,000 Amp per phase surge current rating
- Flush mount plate and flexible metal conduit for mounting next to recessed electrical panels
- UL96A Lightning Protection Compliant
- Diagnostic LED provides positive indication of system power and SPD function
- 5 Year \$10,000 Residential Connected Equipment Warranty

Applications

- Recessed Electrical Service Panels



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:	1/2" NPT Male Flexible Conduit 30-inch 12 AWG Leads
Housing:	Polycarbonate
Operating Temperature:	-31°F – 104°F (-35°C – 40°C)
Maximum Humidity:	95% non-condensing
Dimensions:	6.0" L X 6.0" W x 2.4" H (152 mm x 152 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
Warranty:	10 Year Limited Warranty

