



DTK-120/240HD2 100kA Surge Protective Device

DITEK's DTK-120/240HD2 is engineered to be the finest 120/240V surge protector in its class. The DTK-120/240HD2 has robust surge protection components and low let-through voltage in a compact package. LED diagnostics provides positive indication of surge protection status. The HD2 series is perfect for residential or small commercial building surge protection.



Product Features

- Protects 120/240V split phase electrical panels
- 100,000 Amp per phase surge current rating
- UL96A Lightning Protection Compliant
- Diagnostic LED provides positive indication of system power and SPD function
- 5 Year \$25,000 Residential Connected Equipment Warranty

Applications

- Residential Service Panel
- Light Industrial Service Panel

Accessories

- Flush Mount Kit, p/n DTK-FMKHD2

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:	600V L-G, L-N 1000V L-L, 900V N-G
Surge Current Rating:	100,000A / Phase 50,000A / Mode
SCCR:	100,000A
Nominal Discharge Current Rating (I_n):	20kA
Operating Frequency:	50/60Hz

Mechanical Specifications

Connection Method:	1/2" NPT Male Non-metallic Fitting 30-inch 10 AWG Leads
Housing:	NEMA 4X Polycarbonate
Operating Temperature:	-31°F – 140°F (-35°C – 60°C)
Maximum Humidity:	95% non-condensing
Dimensions:	4.7" L X 4.7" W x 2.4" H (119 mm x 119 mm x 61 mm)
Weight:	1.45 lb (0.66 g)

Quality Standards & Approvals

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

