

DTK-120/240HD2

100,000 Amp Residential/Light Commercial Surge Protective Device



Product Features

- Designed to protect 120/240V split phase electrical panels
- Diagnostic LED indicates system power and SPD function
- 100,000 Amp per phase protection

Applications

- Residential Service Panel
- Light Commercial Service Panel

Accessories

- Flush Mount Kit – DTK-FMK

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

Technical Specifications

Service Voltage:	120/240 VAC Split (3W + G)
MCOV:	150/300V
Protection Modes:	L-G, L-N, N-G, L-L
Voltage Protection Rating (VPR):	600V L-G, L-N; 900V N-G; 1,000 L-L
Surge Current Rating:	100,000A/phase 50,000A/mode
SCCR:	100,000A
Nominal Discharge Current Rating (I_n):	20kA
Operating Frequency:	50/60 Hz
UL 1449, 3 rd Ed, I Rating:	20,000A

Mechanical Characteristics

Connection Method:	½" threaded NPT with waterproof fittings
Housing:	NEMA 4X
Operating Temperature:	-40°F - 185°F (-40°C - 85°C)
Maximum Humidity:	95% non-condensing
Dimensions:	4.7"L x 2.4" W x 4.7"H (119mm x 61mm x 119mm)
Weight:	1.45 lb (657g)

Quality, Standards & Approval

Agency Approvals:	UL 1449, cUL
Standards Compliance	IEEE Category B and C
Warranty:	Ten Year Limited Warranty

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