



DTK-120/240BK1

Circuit Breaker Surge Protective Device



DITEK's DTK-120/240BK1 is a UL classified circuit breaker-style surge protective device designed and manufactured to fit a variety of residential load centers with 1" breaker spacing. This SPD is specifically designed for 120/240V split phase systems, and incorporates the latest thermally-protected MOV technology. Standard features include an LED diagnostic indicator and audible alarm with silence switch.

Product Features

- Installs directly on to load center bus bars
- Thermally-protected MOV technology
- Audible alarm w/ silence feature
- Diagnostic LED provides visual indication of system power and SPD function
- 5 Year \$25,000 Residential Connected Equipment Warranty

Load Center Compatibility

- Square D Homeline Series
 - Circuit breaker type "HOM"
- Eaton BR Series
 - Circuit breaker type "BR"
- Siemens EQ, PL, ES, PN, SN Series
 - Circuit breaker type "Q" or "QP"
- GE PowerMark Gold Series
 - Circuit breaker type "THQL"

Applications

- Residential Electrical Panels

Technical Specifications	
Part Number:	DTK-120/240BK1
Voltage Configuration:	Split Φ 120/240VAC
MCOV:	150V/300V
Voltage Protection Rating:	700V L-N 1200V L-L
Surge Current Rating:	50,000A
SCCR:	10,000A
Nominal Discharge Current Rating (I_n):	20kA

Mechanical Specifications	
Connection Method:	Plug-on circuit breaker, double-pole
Housing:	ABS
Operating Temperature:	14°F - 149°F (-10°C - 65°C)
Maximum Humidity:	95% non-condensing
Dimensions:	3.12" L x 1.94" W x 2.37" H (79.2 mm x 49.3 mm x 60.2 mm)
Weight:	0.3 lb (0.14 kg)

Quality Standards & Approvals	
Certifications:	UL 1449 5 th Edition Surge Protective Devices Certified for Use in Specified Equipment (E539114)
SPD Type:	Type 2
Warranty:	10 Year Limited Warranty

