



DTK-120/240BK1

Load Center 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 120/240Vac 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 with silence feature
- Diagnostic LED provides visual indication of system power and SPD function
- UL 1449 Listed Type 2 SPD
- \$25,000 5-year residential connected equipment warranty

APPLICATIONS

- Residential Load Centers
- Pool Control Subpanels

LOAD CENTER COMPATIBILITY

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

TECHNICAL SPECIFICATIONS	
Service Voltage:	120/240Vac Split Φ
Surge Current Rating:	50,000A
Short Circuit Current Rating (SCCR):	10,000A
Nominal Discharge Current Rating (I_n):	20kA
MCOV:	150V/300V
Voltage Protection Rating (VPR):	700V Line-Neutral 1200V Line-Line
Operating Frequency:	50/60Hz
Status Indication:	LED, Audible alarm

DITEK Surge Protection, Largo, FL 33771 • Sales: 800-753-2345
 Diteksurgeprotection.com • SPS-100024-012 Rev 2 05/26





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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 in. L x 1.94 in. W x 2.37 in. H (79 mm x 49 mm x 60 mm)
Weight:	7.2 oz. (204g)

SAFETY STANDARDS AND CERTIFICATIONS	
Certifications:	UL 1449 5 th Edition Surge Protective Devices Certified for Use in Specified Equipment (E539114)
Standards Compliance:	RoHS
Warranty:	10 Year Limited Warranty 5 Year \$25,000 Residential Connected Equipment Warranty

