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

Every precaution has been taken to ensure that this is accurate and complete. DITEK Corporation assumes no responsibility and disclaims all liability for damages resulting from the use of this information or for any errors or omissions.

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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 5th 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

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