

Power outages, surges, and voltage transients can damage your heating and cooling system just like any other valuable electronic device. Ditek's HVAC system surge protective devices help prevent equipment loss from these damaging electrical events.



HVAC SURGE PROTECTION

FEATURES AND BENEFITS

- NEMA 4X weatherproof enclosure allows for use in harsh environments
- Parallel connection for easy installation
- Diagnostic LED provides positive indication of power, ground presence, and surge protection
- Automatically resets to handle multiple surge events
- Durable and cost effective
- Protects HVAC condensing units, furnaces, air handlers, heat pumps, motors and ductless air conditioners
- Installed and wired at the disconnect
- UL Listed
- Features PTMOV (Thermally Protected MOV)
- 3 Year \$7,500 residential connected equipment manufacturer warranty



Rely on *Ditek* to keep your
CRITICAL HVAC EQUIPMENT OPERATING



HVAC SURGE PROTECTION



DTK-120/240CM+ SPECIFICATIONS	
Service Voltage	120/240 VAC
MCOV	150/300 V
Protection Modes	L-G, L-L
Voltage Protection Rating	700V L-G 1200V L-L
Surge Current Rating	50,000 A
SCCR	100 kA
Nominal Discharge Current Rating (In)	10 kA
Operation Frequency	50/60 Hz
Connection Method	3/4" NPT Male 18-inch 12 AWG Leads
Housing	NEMA 4X
Operating Temperature	-31°F - 176 (-35° - 40°C)
Maximum Humidity	95% non-condensing
Dimensions	3.5" L x 1.89" W x 3.4" H (88.9 mm x 48.3 mm x 86.4 mm)
Weight	.55 lb. (0.25 kg)
Case Qty	9

~ Also available for 3 phase and 24V applications

DITEK – COMPARISON CHART FOR MODEL DTK-120/240CM+

Manufacturer	DITEK	Rectorseal	ICM Controls	Intermatic	Supco	CPS Products
Model Number	DTK-120/240CM+	RSH-50	ICM517	AG3000	LBK10 (Linebacker)	TPSPD
Service Voltage	120/240 VAC	120/240 VAC	120/240 VAC	120/240 VAC	120/240 VAC	120/240 VAC
Surge Technology	PTMOV	TFMOV	MOV	TPMOV	TPMOV	TPMOV
MCOV	300/150 V	300/150 V	260/130 V	300/150 V	300/150 V	300/150 V
Protection Modes	L-L, L-G	L-L, L-G	L-L, L-N, L-G, N-G	L-L, L-G	L-L, L-N	L-L, L-N
VPR	L-G 700V L-L 1200V	L-G 700V L-L 1200V	L-N 800V L-G 900V L-L 1200V N-G 1000V	L-G 700V L-L 1200V	L-N 600V L-L 1000V	L-N 800V L-L 1200V
In Rating	10kA	10kA	5kA	20kA	10kA	20KA
SCCR	100kA	200kA	10kA	100kA	10kA	200KA
Diagnostics	LED	LED	LED	LED	LED	LED
Enclosure	NEMA 4X	NEMA 4X	NEMA 3R	NEMA 4X	NEMA 1	NEMA 4X
UL 1449 SPD	Type 1	Type 1	Type 2	Type 1	Type 2	Type 1

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