



DTK-HVACKIT HVAC System Surge Protection Kit



DITEK's HVAC Surge Protection Kit is perfect for commercial and residential HVAC installers who want to provide an additional, valuable service to their customers. Power outages, surges and voltage transients can damage your heating and cooling system just like any other valuable electronic device. DITEK's top quality, superior performing products help prevent equipment loss during these damaging events

Product Features

DTK-120/240CM+: Condensing Unit Surge Protector

- 120/240V single phase surge protective device
- NEMA 4X weatherproof enclosure
- Install and wire to the load side of the disconnect
- Parallel connection for easy installation
- Diagnostic LED indicates power, ground presence and surge protection status
- Automatically resets to handle multiple surge events

DTK-4LVPLV: Thermostat Surge Protector

- 4-pair, 24V Surge Protection
- Install in series with the thermostat control wires at air handler
- Series connection, parallel function adds no resistance to loop circuits

Applications

- Heating & Air Conditioning Systems

Technical Specifications

Part Number:	DTK-120/240CM+	DTK-4LVPLV
Service Voltage:	120/240VAC	24V
MCOV:	150/320VAC	38V
Clamping Voltage:	N/A	47V
Protection Modes:	L-G, L-L	Common Mode (L-G)
Voltage Protection Rating:	700V L-G 1,200V L-L	N/A
Surge Current Rating:	50,000A	2,000A
SCCR:	10,000A	N/A
Nominal Discharge Current Rating (In):	10kA	N/A
Operation Frequency:	50/60Hz	N/A

Mechanical Specifications

Connection Method:	¾" NPT Parallel Wired, 12 AWG	Hardwired terminals: 22 – 16 AWG
Housing:	NEMA 4X	ABS
Operating Temperature:	-31°F - 104°F (-35°C - 40°C)	-40°F - 158°F (-40°C - 70°C)
Maximum Humidity:	95% non-condensing	N/A
Dimensions:	3.5" L X 1.89" W X 3.4" H (88.9 mm x 48.3 mm x 86.4 mm)	4.8" L X 2.3" W X 1.5" H (122 mm X 58 mm X 35 mm)
Weight:	0.55 lb (25 kg)	2.4 oz (68g)

Quality Standards & Approvals

Agency Approvals:	UL1449 Listed, cUL	UL497B
SPD Type:	Type 1 SPD	N/A
Warranty:	10 Year Limited Warranty	



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