



HVAC Power Protection

## Safeguard critical HVAC systems

For over 30 years, commercial and industrial property owners have trusted DITEK to preserve their facilities, electronics, and data from the negative impacts of power surges.

**DITEK's KG2 provides intelligent voltage monitoring for optimal HVAC protection.**

Heating, air conditioning, and ventilation (HVAC) systems are often the most expensive appliances for many homeowners and businesses, and they're relied on every day for comfort. Today, this equipment is smarter than ever, making advanced protection crucial for reliability, longevity, and shielding this important investment from damaging voltage swings. The DTK-KG2 is designed specifically for HVAC power protection, monitoring for high and low voltage and disconnecting power to the system when needed. The KG2 then automatically resets once voltage returns to a safe range, continuing to safeguard these vital systems.



**REDUCE DOWNTIME**

**EXTEND EQUIPMENT LIFE**

**IMPROVE CUSTOMER SATISFACTION**

## KoolGuard Series: DTK-KG2

## MINI-SPLITS, INVERTER DRIVEN COMPRESSOR SYSTEMS & ECM MOTORS

UL 60947-1 & 60947-5-1 | Voltage Monitor

- Intelligent protection for undervoltage and overvoltage events
- Auto-calibration ensures “plug and play” easy installation
- Diagnostic LEDs indicate precise voltage condition
- Surge protection components divert transient voltages away from equipment
- UL Type 4X polycarbonate weatherproof enclosure



## Voltage Condition Codes

			Condition Normal / On			
		B	Line 1 Over or Under / Off			
			Line 2 Over or Under / Off	B		
B	B		Recovering from Line 1 Over or Under / <b>Delayed</b>		B	
B			Recovering from Line 2 Over or Under / <b>Delayed</b>	B	B	
	A		Service Required / On	A		
B = Blinking			A = Alternating			

## Technical Specifications

Voltage configuration .....	120/240VAC Split $\Phi$
.....	120/208VAC Split $\Phi$
Operating frequency .....	50/60Hz
Max. continuous current .....	40 Amps
Undervoltage protection .....	104VAC (L-G)
Oversupply protection .....	130VAC (L-G)
Short cycle delay .....	3 min (default)
.....	30 sec (optional)
Surge Current Rating .....	50,000A

## Mechanical Specifications

Dimensions .....	6.29" L x 6.29" W x 2.36" H (160 mm x 160 mm x 60mm)
Weight .....	3 lb (1.36 kg)
Housing .....	UL type 4X enclosure
Connection method .....	Series-wired
Conduit size .....	1/2" or 3/4" NPT
Terminal lugs .....	14-6 AWG



## QUESTIONS?

**View full product  
specifications and a list  
of available models online.**

**SALES 800-753-2345**  
**TECH SUPPORT 888-472-6100**  
**DITEKSurgeProtection.com**

