DTK-KG2

120/240V Overvoltage & Undervoltage Protection



DITEK's DTK-KG2 is part of the Kool Guard family of voltage monitoring products. It is specifically designed to protect HVAC equipment from harmful under-voltage and over-voltage events that can damage sensitive electronics and mechanical components within the system. The **DTK-KG2** also incorporates DITEK's state-of-the-art surge protection design to shield the equipment from damaging transient voltage surges and spikes. The standard UL Type 4X polycarbonate enclosure allows the unit to be easily installed in harsh outdoor environments.

Product Features

- Protection for under-voltage & over-voltage events
- Safely disconnects power to the system allowing input voltage to return to normal range
- Diagnostic red and green LEDs indicate exactly what voltage condition is present
- Surge protection components included to divert harmful transient voltages away from the equipment

Applications

- Ductless AC Systems (Mini-splits)
- Inverter-type Compressor Systems
- Split Systems

Technical Specifications

Voltage Configuration:	120/240VAC Split Φ 120/208VAC Split Φ
Operating Frequency:	50/60Hz
Max. Continuous Current:	40 Amps
Under-voltage Protection Level:	104VAC (L-G)
Over-voltage Protection Level:	130VAC (L-G)
Short Cycle Delay:	3 Minutes (Default) 30 Seconds (Selectable)
Surge Current Rating:	50,000A

Mechanical Specifications

Connection Method:	Series-wired, ½" or ¾" NPT Conduit Hardwired lugs: 6 AWG Max
Housing:	UL Type 4X Enclosure
Dimensions:	6.29" L x 6.29" W x 2.36" H (160 mm x 160 mm x 60 mm)
Weight:	3 lb (1.36 kg)

Quality Standards & Approvals

Certifications:	UL 60947-1 & 60947-5-1 CSA C22.2 No.60947-1-13 & No.60947-5-1-14
Warranty:	10 Year Limited Warranty

ISO 9001 UL LISTED

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