

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.



KOOL GUARD 2



FEATURES AND BENEFITS

- Standard UL Type 4X polycarbonate enclosure allows the unit to be easily installed in harsh outdoor environments
- Protection for under-voltage & over-voltage events
- Safely disconnects power to the system for 30 sec. (selectable) to 3 minutes (default) 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
 - Goes up to 60A



Demonstration video

DTK-KG2 – 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, 1/2" or 3/4" NPT Conduit Hardwired lugs: 8 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	1.7 lb (0.77 kg)
QUALITY STANDARDS & APPROVALS	
Certifications	UL 60947-1 Listed, UL 60947-5-1 Listed
Warranty	10 Year Limited Warranty
Case Qty	10

