



**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 undervoltage and overvoltage events that can damage sensitive electronic 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

- Superior protection for undervoltage & overvoltage events by monitoring each full wave sequence of a 60Hz power cycle
- Safely disconnects power to the system until input voltage returns to normal range
- Diagnostic red and green LEDs indicate the exact voltage condition that is present
- Pre-programmed voltage range limits for ease of installation
- UL & CSA listed

	DITEK	Rectorseal	ICM Controls
Model Number:	<b>DTK-KG2</b>	<b>RSH-50 VRM Kit</b>	<b>ICM 493</b>
Operating Voltage:	208/240Vac Split $\Phi$ or 120Vac Single $\Phi$	208/240Vac Split $\Phi$	208/240Vac Split $\Phi$
Monitoring Method:	Each phase independently	Line to line only	Line to line only
Detection Speed:	0.016 seconds	0.5 seconds – 5 minutes	*not published
Auto-calibration:	Yes	No	No
Voltage Range:	Pre-programmed based on AHRI-110 voltage standards	Technician must determine range during installation	Requires calibration during installation
Visual Diagnostics:	LEDs visible from front	Must open electrical enclosure	Must open electrical enclosure
Phase Imbalance Detection:	Yes	No	No
Surge Capacity:	50,000A	50,000A	*not published
Board-level Surge Components:	Yes	No, external device	Yes
Enclosure Rating:	NEMA 4X	NEMA 3R	NEMA 3R