





COMPARISON CHART

VOLTAGE MONITOR RELAYS

Macromatic has replaced the VWKE Voltage Monitor Relay with the VMKE model. To assist with the transition, here's a comparison of the two products.

Feature	VWKE Series (EXISTING)	VMKE Series (NEW)
		
Functions	Voltage Band (Window)	Voltage Band Under-Voltage (5% Hysteresis) Under-Voltage (Hysteresis to Vmax) Under-Voltage + Latch Over-Voltage + Latch Voltage Band + Latch
Monitored Voltage	110VAC, 115VAC, 120VAC, 208VAC, 220VAC, 230VAC, 240VAC, 240VDC	110VAC, 115VAC, 120VAC, 208VAC, 220VAC, 230VAC, 240VAC, 12VDC, 24VDC, 72VDC, 110VDC, 125VDC, 220VDC, 250VDC
Voltage Settings	Pick-up: 18-30V DC, 80-150V AC, 160-276V AC Drop-out: 30-95% Umax	Pick-up: 12-30V DC, 80-150V AC/DC, 160-276V AC/DC Drop-out: 30-95% Umax
Time Delay	Drop-out Time Delay (t): Adjustable 0.1-10 seconds	Drop-out Time Delay (t): Adjustable 0.5-10 seconds
Number of Adjustment Knobs	Three: 1. Top: Vmax selection 2. Middle: Time Delay selection 3. Bottom: Vmin Selection	Four: 1. Top: Function selection 2. Top Middle: Vmax selection 3. Bottom Middle: Vmin selection 4. Bottom: Time Delay selection
Relay Output	15A @ 240V AC, B300	10A @ 250VAC
Mounting	17.5mm Modular for 35mm DIN-Rail	
LED Status	Green for Supply Power applied, Red for Operation Status	
Dimensions	90 x 17.5 x 64mm (3.5" x 0.7" x 2.5")	
Agency Approvals	