





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