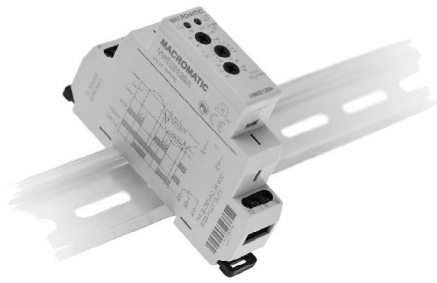
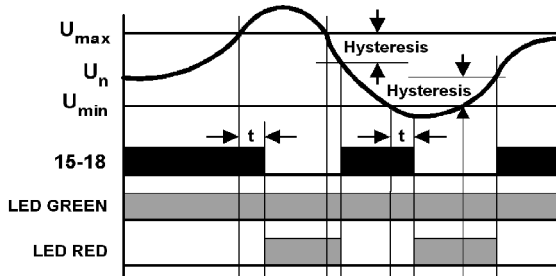


VOLTAGE MONITOR RELAYS

VWKE Series Voltage Band
17.5mm Modular Enclosure



Provides protection to equipment that is required to operate within an upper & lower AC single phase or DC voltage limit. As long as the operating voltage remains within an OVER & UNDER voltage range, the internal relay stays energized. If the operating voltage falls outside this range, the relay will drop-out. The U_{max} dial sets the upper limit per the OVER voltage range of the product. The U_{min} dial sets the lower limit at 30-95% of the upper setting. This product has an adjustable time delay on drop-out of 0.1-10 seconds, which is provided to prevent nuisance tripping.

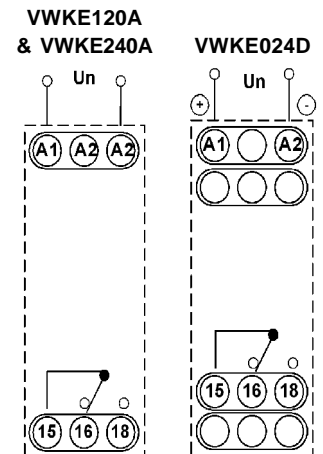


- u Monitors AC single phase and DC voltages
- u Provides voltage band (window) protection
- u Wide range of user-adjustable Over Voltage and Under Voltage settings
- u Adjustable time delay on drop-out of 0.1 - 10 seconds
- u LED indicates nominal voltage & output relay status
- u Compact 17.5mm enclosure mounts on 35mm DIN track
- u 16A SPDT output contacts

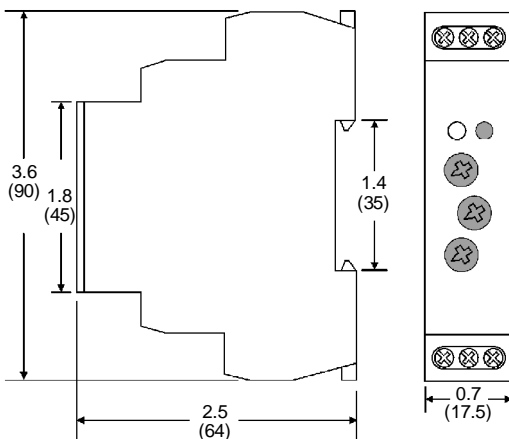


Product Number	VWKE024D	VWKE120A	VWKE240A
Nominal Voltage	24V DC	120V AC	240V AC
OVER Voltage Range	18-30V DC	80-150V AC	160-276V AC
UNDER Voltage Range	30 - 95% of Pick-up Setting		
Consumption (Burden)	1.7W	3VA	3VA
Timing			
Time Delay on Pick-up	Fixed 100ms		
Time Delay on Drop-out	Adjustable 0.1-10 seconds		
Output			
Rating	16A @ 240V AC, 16A @ 24V DC 1HP @ 240V AC, 1/2HP @ 120V AC, B300		
Contact Material	Silver Alloy		
Life	30 million operations mechanical; 700,000 electrical		
Other			
Agency Approval	(File #E170213)		
Temperature	Operating: -20° to 55° C (-4° to 131° F)		
LED Indication	Green-Monitored Voltage Present Red-Blinking (Timing); Steady (Relay Energized)		
Terminations	14 AWG (2.1mm ²)		

Connection Diagram



Dimensions



All Dimensions in Inches (Millimeters)



800-238-7474

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