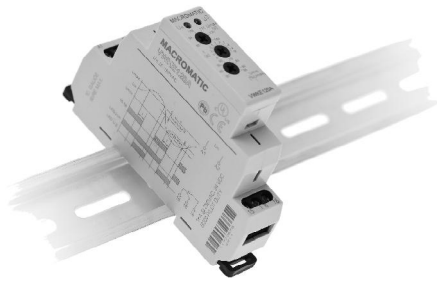
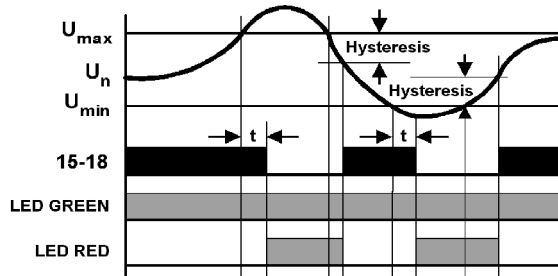


VOLTAGE MONITOR RELAYS

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.

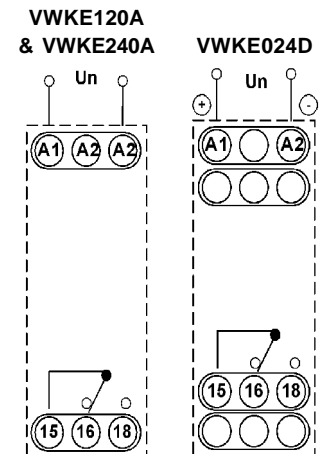


- Monitors AC single phase and DC voltages
- Provides voltage band (window) protection
- Wide range of user-adjustable Over Voltage and Under Voltage settings
- Adjustable time delay on drop-out of 0.1 - 10 seconds
- LED indicates nominal voltage & output relay status
- Compact 17.5mm enclosure mounts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

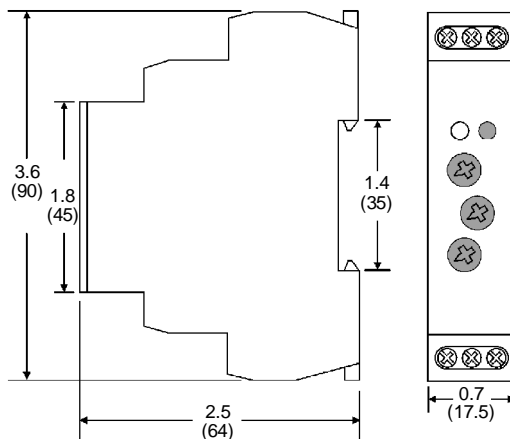


| Product Number | VWKE024D | VWKE120A | VWKE240A |
|------------------------|--|------------|-------------|
| Nominal Voltage | 24V DC | 120V AC | 240V AC |
| OVER Voltage Range | 18-30V DC | 80-150V AC | 160-276V AC |
| UNDER Voltage Range | 30 - 95% of Pick-up Setting | | |
| Consumption (Burden) | 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)



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