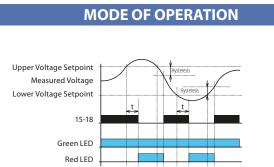


200 Series

FEATURES

- Voltage monitor / Band (window) voltage relay
- Controls supply voltage for equipment sensitive to supply tolerance and offers protection against under- and over-voltage conditions.
- Monitors voltage range of 48 to 276VAC
- Adjustable time delay up to 10 seconds to avoid nuisance tripping
- Minimum voltage setting as a percentage of the maximum voltage
- Red and green LEDs indicate 3 conditions, normal operation and 2 fault conditions
- DIN rail mounting
- UL and CE approvals, RoHS compliant



The 233 Voltage Monitoring Relay senses voltage level in single phase AC and DC circuits. Sensed voltage also serves as supply voltage. Two independent levels of voltage (upper and lower) can be set.

The 233 has an active output during normal operation and turns off when a fault is sensed. Loss of supply voltage therefore is a recognized fault.

Built-in hysteresis eliminates chattering at the transition point. SPDT (Form C) contacts allow various connection options. Red and green LED indicators allow quick identification of various fault conditions.



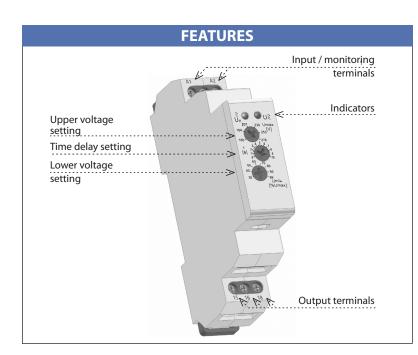
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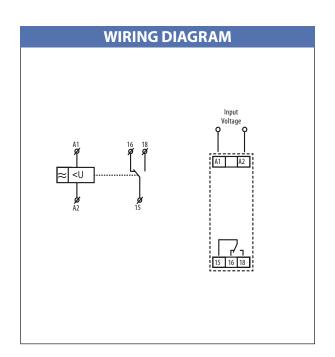
SPECIFICATIONS

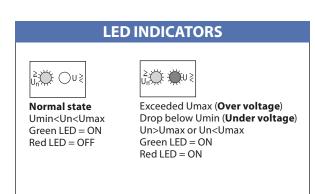
Input/monitoring terminals A1–A2
Supply voltage 48–276VAC
Power consumption (ACmax) 1.2 VA
Upper voltage setting 160-276VAC
Lower voltage setting 30–95% of maximum
Maximum constant voltage. 276VAC
Peak overload <1ms 290VAC
Time delay adjustable, 0–10s
Setting accuracy 5%
Repeatability
Dependence on temperature $~<0.1\%$ / $^{\circ}C$
Limit tolerance 5%
Hysteresis 2-6% of set value
Relay output form SPDT Form C (AgNi)
Rated current
Switching capacity \dots 4000 VA/ AC, 384 W/ DC
Inrush current
Switching voltage 250VAC / 24VDC
Switching capacity DC (min) 500mW
Indication of state Red and Green LEDs
Mechanical life
Electrical life 70,000 operations
Operating temperature 20°C to +55°C
Storage temperature 30°C to +70°C
Dielectric strength 4 kV
Operating position any
Mounting DIN rail EN 60715
Protection degree IP 40 from front panel
Max. cable size 14AWG
Standards EN 60255-6, EN 61010-1, UL, CE, RoHS

VOLTAGE MONITOR

Peltec233









A division of Pelco Component Technologies

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