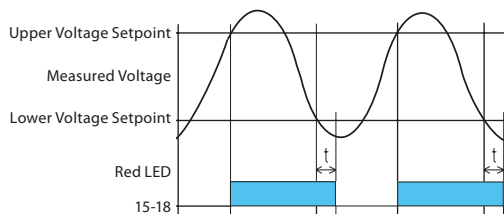


FEATURES

- For over/under voltage applications
- Controls supply voltage for equipment sensitive to supply tolerance and offers protection against under- and over-voltage conditions.
- Monitors voltage range of 6 to 30VDC for battery applications
- 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

MODE OF OPERATION



Voltage monitor assures that operating voltage remains within a range set by two independent adjustments: upper and lower voltage settings.

Output becomes active only when the upper voltage setting is exceeded. This assures adequate voltage during a start-up condition.

If voltage drops below the lower voltage setting for longer than the set delay time, the output is turned off. This prevents operation in brown-out condition.



SPECIFICATIONS

Input/monitoring terminals	A1–A2
Supply voltage	6–30VDC
Power consumption (DCmax)	1.2 VA
Upper voltage setting	18–30VDC
Lower voltage setting	35–95% of maximum
Maximum constant voltage	36VDC
Peak overload <1ms	50VDC
Time delay	adjustable, 0–10s
Setting accuracy	5%
Repeatability	<1%
Dependence on temperature	<0.1% / °C
Limit tolerance	5%
Relay output form	SPDT Form C (AgNi)
Rated current	16 A/ AC
Switching capacity	4000 VA/ AC, 384 W/ DC
Inrush current	30 Amps / <3s
Switching voltage	250VAC / 24VDC
Switching capacity DC (min)	500mW
Indication of state	Red and Green LEDs
Mechanical life	30 million operations
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

