

Under Over Voltage Switch

Irregular voltages or spikes can be severely harmful to your equipment.

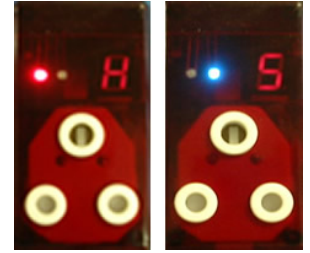
The compressors on normal fridges will burn out if the voltage is too low [below 190V]. TV's, Hi Fi's, Computers, Monitors, Fax machines, Photo copiers, and more, are all likely to sustain damage if the 220V supply suddenly rises to above 250V.

The high low voltage protector will protect equipment operating between 220—240 volts AC and will safely pass a maximum current of 15Amps. If the voltage goes below 190V or it goes above 250V, the unit will switch off your appliance. The unit will remain off until the voltage returns to normal. Should the voltage have dropped for a split second the unit will switch off but will not switch on until the delay period has passed [minimum of 20 seconds].

This product also has built in lightning and surge protection to further enhance the protection levels of your equipment. On detection of a spike the unit will also switch off.

Operation

Plug the unit into the wall socket and switch on. Allow +/- 10 seconds for the unit to calibrate, the display will show a line running around the outside of the square while calibrating. On completion a number will be displayed for example '5' which indicates that the voltage is between 221 and 225. See the top of the Unit for the complete table. Should the voltage be too low the unit will display an 'L' and will not switch on. The same applies if the voltage is too high and 'H' is played an the unit will remain off. The unit is microprocessor controlled and is software adaptable.



Part: KN-UO16-DS



Part: KN-UO16-GMP



Part: KN-UO16-WGL

Indicator Lights

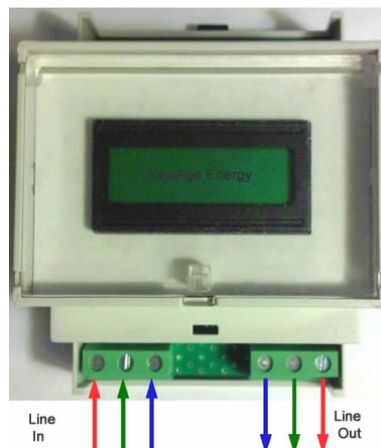
Number displayed to indicate voltage range

Blue on—all is OK

Red on—high voltage failure 'H' shown in display

Red on—low voltage failure 'L' shown in display

Red & Blue off—no power to unit or unit needs to be replaced after protecting your equipment.



Part: KN-OU35-DIN1

Din Rail mount Under Over voltage switch single phase.

LCD display shows nominal, Low and High Voltages for the last 8 hours.

Switching current max 35A.

Delay 40 seconds.