

# MODEL 650 FREQUENCY MONITOR

## FEATURES

- ! Senses own supply
- ! Power & Relay LEDs
- ! Low Cost
- ! Plug In

The model 650 is a mains frequency monitor which monitors its own supply.

There are three basic versions. The relay on the 650V energises when the supply frequency is between the high and low limits. The 650H relay energises below the set point and the 650L relay energises above the set point.

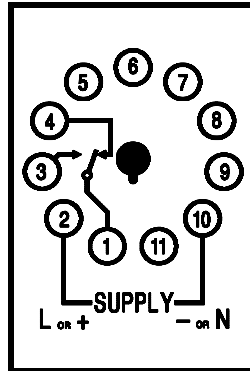
The standard units have customer adjustable set points, but non adjustable preset units may be ordered for applications where user adjustment is not desirable.

These units find their main application on diesel and petrol generators.

LEDs are provided to show unit status.



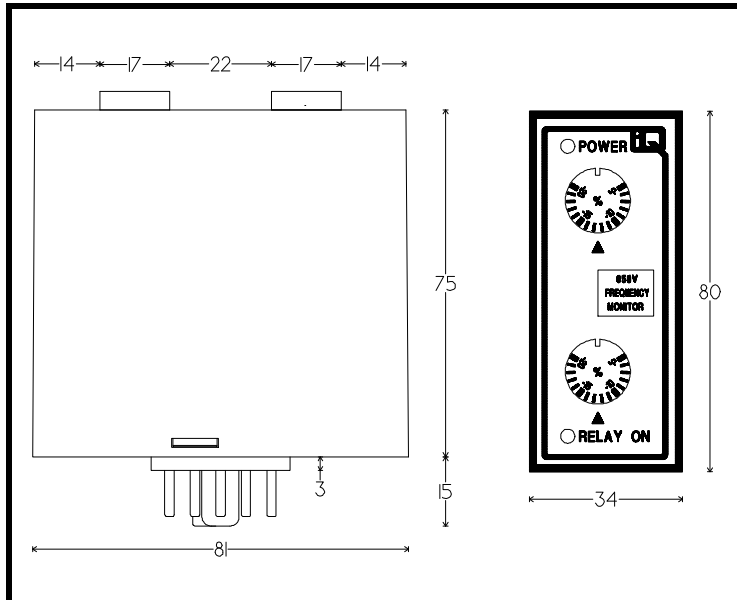
## CONNECTIONS



## SPECIFICATIONS

SUPPLY VOLTAGE Options	230V AC $\pm$ 15% 110V AC $\pm$ 15%
RELAY RATING SPDT (Max.)	10A 400VAC 2500VA 10A 30VDC
POWER CONSUMPTION	3VA approx.
TEMPERATURE LIMITS	-5/+60°C
HUMIDITY LIMITS	0-90% RH non condensing
STANDARD RANGES	44-56Hz (650V) 44-50Hz (650L) 50-56Hz (650H)
BASIC ACCURACY	Setting 5% Typical Repeat 0.5% Typical
HYSTERESIS	Approximately 0.5Hz.

## DIMENSIONS (mm.)



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