



POWER FACTOR CONTROLLERS

For maximizing energy efficiency and savings on energy bills.

IMPROVE POOR POWER FACTOR AND REDUCE ENERGY CONSUMPTION.

- True RMS Measurements
- Simultaneous sampling of voltage and current
- Auto Learn of connection type
- Automatic calculation of C/k ratio
- Accuracy class: class 1.0 as per standard IEC 62053-21
- 3Phase measurement

LOWER ELECTRICITY BILLS & GENERATE SAVINGS IN THE LONG RUN.

- 4/6/8/12 (APFC640) 12/16 (APFC440) switching relay outputs
- Auto recognition of the CT phase
- Two quadrant operations
- 21 pre-programmed control series of capacitor values required for the compensation network
- Learns the number of capacitors connected and the value (10% load)
- Capacitance-based power factor correction takes care of variation in voltage and frequency

ENSURE COMPLIANCE WITH THE REGULATORY BODIES.

- Stores the number of switching and On hours of each capacitor for long life
- Displays Basic, Power, Energy and THD parameters
- Built-in Alarms: Alarm/Fault detection, Overcompensation, Under compensation, Over voltage, Over current, Under voltage, Under current, Reverse Amps, Over harmonics voltage and current

4-16
Stages of control

3Ph
Sensing for high accuracy

BEMS
Network Connectivity

