

AUTOMATIC POWER FACTOR CONTROL SYSTEM

We offer wide range of APFC Systems that help in energy conservation by reactive power compensation under varying load conditions. These panels are provided with Thyristor/Contactor Controlled Automatic Switching of Capacitor Steps. It controls the Load Power Factor by sensing Load Current, Voltage, Phase difference between them and then analyzing the system using Micro - Processor for the correction of Phase Angle by automatic switching On/Off of Power Capacitor Units.

Rating: Up to 1500 KVAR

Features:

- Field proven Robust Design for HT/LT Power Consumers.
- Most Advanced Micro Processor Technology adopted.
- Built in Automatic - Manual Provision for KVAR Selection.
- The Target Power Factor can be set as per customer requirement.
- 3 Pole MCCB for Complete protection.
- Zero Voltage switching through Thyristor to limit switching surges.
- Selectable Power Factor correction time. Cycle - to - Cycle with Thyristor and 2 minutes with Contactors.
- Discharge resistance on Individual Capacitor.
- Stage on LED Indicator.
- Power & Control wiring with Copper multi strand ISI wire.
- Working temperature up to 55°C.
- Cable Entry at the Bottom (Top Optional).
- Indoor/Outdoor Installation as per customer requirement.
- Additional savings on account of
 - Reduced KVAH/MD charges.
 - No Penalty / Surcharge due to lower Power Factor
 - Incentives for higher Power Factor
 - Enhanced life of Transformers, Motors, Switch Gears, Conductors, etc.



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