



SYEMCO®

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AUTOMATIC POWER FACTOR CONTROL PANELS

ENERGY SAVING UPTO 5%

AVOID MANUAL DISRUPTIONS

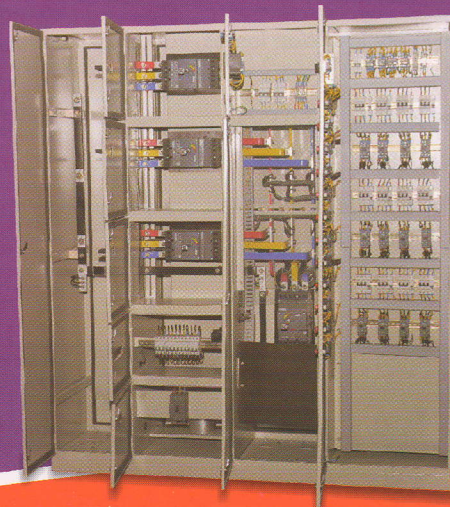
PAYBACK PERIOD OF 8 TO 15 MONTHS

REDUCTION IN MAXIMUM DEMAND

AVOID IN-RUSH CURRENT CONSUMPTION LOSSES

LOW POWER FACTOR PENALTY
CAN BE TOTALLY AVOIDED

EXTENDED LIFE FOR SWITCHGEARS,
TRANSFORMERS AND CABLES



AUTOMATIC POWER FACTOR CONTROL PANELS

SYEMCO POWER FACTOR CONTROL PANELS (APFC PANELS)

Syemco manufacture's high end power saving products. The brand name of Syemco had started the product "AUTOMATIC POWER FACTOR CONTROL PANELS" about a decade ago & are now pioneer in achieving power factor to unity*.

In View of Constantly Raising Power Tariff and Penalties imposed by the State Electricity Boards/ Utility Companies, it is imperative for any HT and LT industry of consumer to install a Power Factor Control Panel for curtailment of power factor penalty, reducing maximum demand and also to save energy/ power.

TECHNICAL FEATURES

- ✦ Microprocessor based automatic controller with power display.
- ✦ All major components are of standard makes like, Siemens, L&T, Epcos, Neptune etc.
- ✦ All the components are carefully integrated for reliable performance and longer life.
- ✦ Used small correction steps to maintain accurate setting.
- ✦ Contactors (with MCBs or MCCBs as backup protection) are used to switch ON capacitors with spiral conductor design to minimize switching surges.
- ✦ Auto/ Manual facility.
- ✦ Cooling facility in capacitor chambers.
- ✦ In-built time delay for switching ON of a capacitor bank to avoid impulse signal operation.
- ✦ All capacitor feeders have Auto/ Manual mode facility with fuse/ mcb protection and isolation.
- ✦ Very low Watt losses, capacitors are used.

PRODUCT RANGE

20 KVAr to 1000 KVAr.

MANUAL MODE

Power factor Controllers are designed to operate manually by selecting manual mode.



APPLICATIONS

- ✦ All types of manufacturing units:
Like:- Solvent Plants, Oil Mills, Ginning & Pressing Factories, Chemical Industries, Food Industries, Rice Mills, Paper Mills, Fertilizer Plants, Daal Mills, Steel Industries, Cement Mills, Spinning Mills etc.
- ✦ Cinema Halls.
- ✦ Cold Storages.
- ✦ Hotels & Restaurants.
- ✦ Hospitals.
- ✦ IT Companies.
- ✦ Office Buildings.
- ✦ Shopping Malls.