

POWER FACTOR IMPROVEMENT PLANTS



ECS offers the power factor improvement/ correction panels for indoor applications with fixed or automatic capacitor switching. Normally these types of panels are designed to connect and couple with Main LT distribution panels.

ECS PFI Plants reduce the power losses and limit the unwanted current to improve the life and efficiency of the system and save the cost of the electricity.

The components used are highly robust and reliable.

- Microprocessor based Power Factor controller with built digital PF meter,
- Adequate rated Magnetic contractors Protected through HRC fuses or as specified.
- Self-healing, internally protected, dry type/ Oil impregnated Power capacitors,
- Having manual mode facility to maintain the power factor in case of auto function failure.
- Fully with cross ventilating facility with thermostatically controlled exhaust fans.

ECS also offers to calculate the existing low power factor to improve the same according to the load.