

S.T.P.F.

AUTOMATIC POWER FACTOR CORRECTION CAPACITORS

The S.T.P.F range of standard automatic power factor correction capacitor banks are specifically designed to optimise space in Low Voltage switchrooms and with the emphasis placed on flexibility, our standard dimensions of the equipment can be modified to suit individual site requirements.

Ratings are available up to 1200kVar and utilise a number of switching sequences to effectively correct a 415V non-harmonic laden supply.

Power Efficient Systems Ltd manufacture equipments to recognised international standards, our independence allows assemblies to be furnished with quality proven components procured from quality assured sources while our collaboration with Vishay one of the worlds larges and quality conscious manufacturers of capacitors and Siemens one of the worlds most respected manufacturers of switchgear allows Power Efficient Systems Ltd to manufacture cost effective energy saving products to a high quality standard ensuring unrivalled performance and reliability

The benefits of the S.T.P.F. range of equipments:

- Flexibility in manufacture, size and rating
- Quality components used throughout to ensure unrivalled performance & reliability
- High quality heavy duty capacitors with exceptional overload capability
- Power factor controllers with multi-meter, power factor display & automatic set up
- Front access via a hinged key lockable door
- Fully extendable
- Engineered for ease of maintenance

Standards & Specification

Supply: 415V 3 phase 50Hz (other voltages available on request)
Installation: 3 wire (no neutral required)
Standards: BSEN60831 (IEC831 & IEC70/70), BSEN60439, BSEN60204
IP Rating: IP42 min (other IP rating available on request).
Operating temperature: -25oC/group D (others available on request)
Losses: 0.2 watts / kVar
Construction: 14g mild steel fully welded enclosure with hinged lockable door
Finish: RAL70352 textured light grey (others available on request)
Discharge: less than 50V one minute after switch off
Cable termination: M10 on to Busbar, MCCB or Isolator (cable box available for bottom entry)

Optional extras: selector switches, door interlocked isolation devices, alarms, surge suppression

