

# INELEC Engineers®

## Automatic Power factor Correction

### L.T. Capacitor Panels

We offer PF Correction System for LV and MV system.

The LV PFC System can be offered with contactor

based or Thyristor based ( for Real Time PF Correction - RTPF ).

We Customise The Products and Design as Per the Study Conducted by us or by others as per recommendations.



### M.V. Capacitor Panels

We Also Offer MV PF Correction Systems and offer fully Enclosed Solution For Indoor Application or Pole Mounted Solutions for Outdoor Application.

Voltages : 3.3, 6.6, 11 and 33 KV

### Other Products

- ✦ Electronic Street Light Controller
- ✦ Battery Chargers ( Linear & Switched )
- ✦ Solar Charge Controller for Telecom
- ✦ Power Quality Studies, Reports & Solutions.

*Quality Products with Unmatched Commitment & Service*

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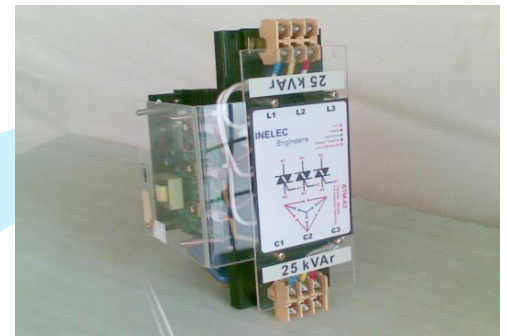
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## THYRISTORISED CAPACITOR SWITCH FOR DYNAMIC POWER FACTOR CORRECTION.

**MODEL : " IETM-A3" /" IETM-A2"**

### FEATURES :

- ✦ IETM- A3 is a 3 Legged Equipment with 1600/1800V PIV Devices.  
IETM- A2 is a 2 Legged Equipment using 2200V PIV Device.
- ✦ Easier for installation, will replace the electro-mechanical contactor.
- ✦ Micro controller used to monitor and control the abnormalities like Over Temperature , Over Voltage etc.
- ✦ Responds within 5mili seconds.
- ✦ Displays : 1. signal input, 2. Trip, 3. Line On ( L1 & L2 ).
- ✦ C.P.R.I. TYPE TESTED .
- ✦ THE UNIT CAN SWITCH ANY NUMBER OF TIMES WITHOUT ANY RESTRICTIONS.



### TECHNICAL DATA :

- ✦ VOLTAGE : 3 X 440V.
- ✦ MAXIMUM POWER OF UNIT : 10kVAr, 15kVAr, 50kVAr, 100kVAr.
- ✦ ACTIVATION SIGNAL : 9V DC to 30V DC.
- ✦ Auxillary Supply : 12 V DC .
- ✦ TRIP : Temperature Trip ( Range could be customize, default 65°C ).
- ✦ POWER CIRCUIT : 3 Phase as per front facia.  
OR 2 Phase, Series Reactor is required for surge suppression.
- ✦ "C " Class MCB/MCCB(36KA and Above ) / HRC Fuse : 25 kVAr : 63A, 660V.  
: 50kVAr : 125A, 660V.
- ✦ DIMENSIONS : 260 height, 320 width & 240 Length ( Approximately in mm ).

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