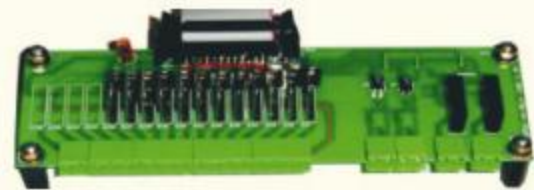




## HT PF Controller (upto 35 kV)

HTPF - 01/XX



Suitable for 3.3 kV to 35kV systems.

THD + Harmonics Measurement

Suitable for HT Breakers  
HT contactors.

Measurement  
Accuracy.  
Class - 2 for VAR  
Class - 1 for WATT

**VAR  
compensator  
With  
Load Manager**

*TAS PowerTek - Leading through Technology!*

## Features:

- Totally Micro - processor controlled Digital Signal processing logic.
- All measurements with 2.0 class for Reactive Power & Class - 1 for Active Power. Automatic Synchronisation
- Measurement are frequency / THD compensated.
- Load V,I and Cap. current THD measurement with odd harmonic coeff. upto 15th harmonic.
- Upto 8 no. of capacitor bank control.
- Fault feedback for every bank from protection system. (HT Breaker Type)
- Auxiliary Outputs and Auxiliary Inputs. All user defined. Galvanically Isolated.
- RS - 232 port. (MODBUS protocol compatible). Optional RS-485.
- Optional GSM connectivity with battery backup arrangement.
- Standard 144 X 144 cabinet for panel door flush mounting.

## Specifications:

- Auxiliary Voltage: 110Vac, 24Vdc.
- Current input : 1A/5A for load and capacitor current.
- Voltage feedback: PT ratio is programmable with 0.1 decimal resolution.
- Measurement Accuracy: Class 2.0 for VAR & Class 1.0 for Watt.
- Correction & discharge time: Selectable 2min to 240min.
- Output commands:
  - a. Relay contacts 250V~/2Amp
  - b. 220Vdc/30mA.
- RS-232/485 baud rate selectable upto 38.4kBPS.
- Operating temperature 0 to 50°C.
- Storage temperature -10 to +75°C.
- Supply frequency: 45Hz to 55Hz & 55 Hz to 65 Hz.
- Protections: Over/under Voltage for aux. supply.
- Communication Protocol :
  - MODBUS/RTU
  - MODBUS/ASCII



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