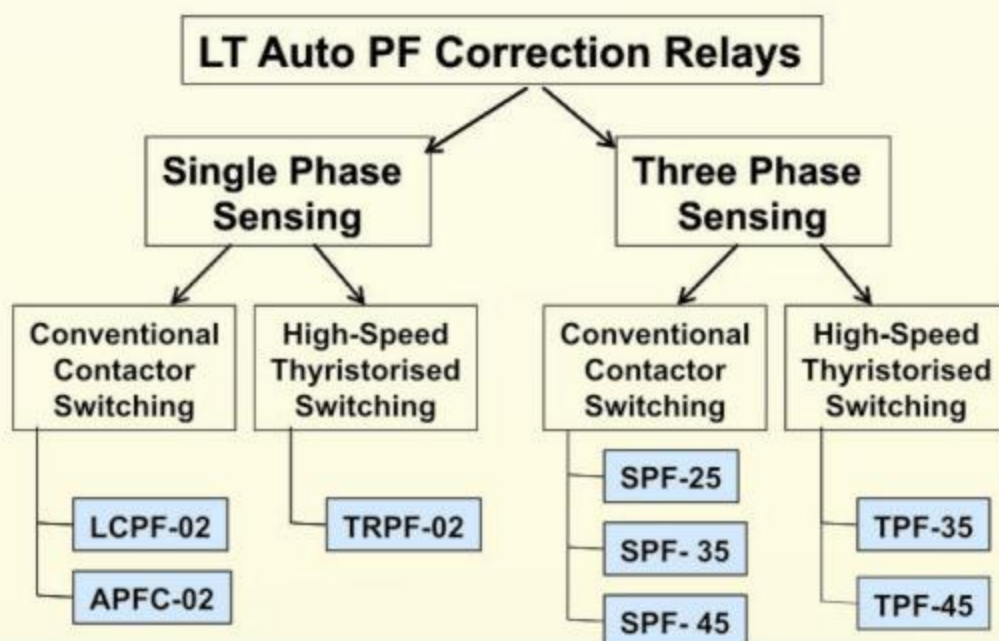


## APFC & RTPFC Relays



*TAS PowerTek - Leading through Technology!*

## Features:

- Totally Micro-processor controlled Digital Signal processing logic.
- All measurements with 1.0 class accuracy for kW and 2.0 class for kVAR.
- Automatic Synchronisation
- Measurement are frequency / THD compensated.
- Load V,I and Cap. current THD measurement with odd harmonic coeff. upto 15th harmonic.
- Various modes for switching viz. Binary  
Un - equal(user defined)  
C - Series (preset series)  
E - Series (user defined)  
Up - to 16 output banks control.
- Auxiliary Outputs and
- Auxiliary Inputs. All user defined. Galvanically Isolated.
- Suitable for Contactor & thyristorised capacitor switching schemes.
- Optional GSM connectivity with battery backup arrangement.
- Standard 144 X 144 cabinet for panel door flush mounting.

## Specifications:

- Voltage:63.5/110/240/415/480 values. (+20%/- 40%)
- Current input : 1A/5A for load and capacitor.
- Measurement Accuracy:1% for kW & 2% for kVAR as per IEC - 62053 part 22 & 23.
- Correction time: Selectable in mains1cycle to 250cycles. or 1sec to 240sec.
- Output commands: selectable. 12Vdc solid state 20mA or through relay contacts.
- RS - 232 baud rate selectable upto 38.4kBPS.
- Operating temperature 0 to 70°C.
- Storage temperature 10 to +75°C.
- Supply frequency: 45Hz to 65Hz.
- Protections:
  - Over/under Voltage
  - Cap. Over current / THD.
  - Over/Under frequency
  - + many more.
- Data Log (in some models only) 1hr interval data log for 45 days.



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