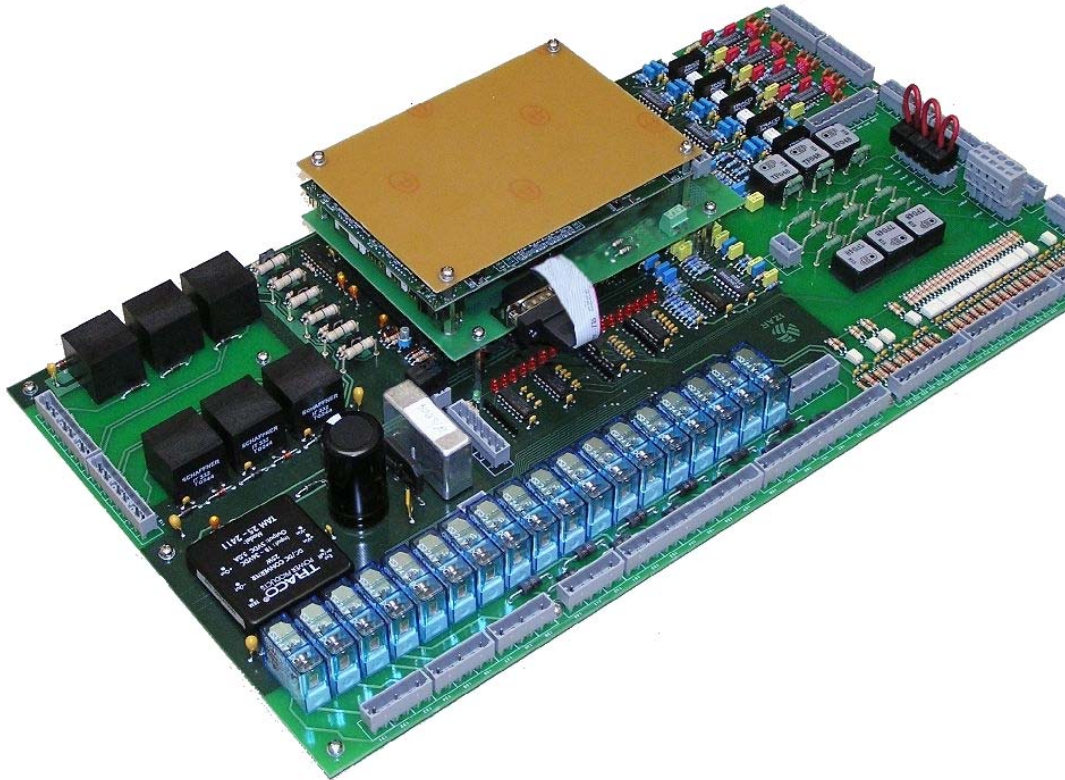




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CPA-100 CONTROL UNIT for 600KW Wind Turbine



A full control unit for a fixed-pitch wind generator. Advanced replacement of KK Electronic WTC-1, pin, hardwiring and functionally compatible.

Includes:

- The thyristor drivers and algorithms for soft synchronous connection to the grid.
- Additional Dual Control Console through a standard RS485 half-duplex line (compatible with KK Electronics Terminal) or telnet via TCP/IP.
- Designed with a distributed multi-microcontroller architecture.
- Does not suffer from the resetting when the status polling from the SCADA overruns.
- Specially developed for algorithm testing purposes with additional access to every internal parameter.
- Implemented with a standard, state-of-the-art x86 CPU (PC104), running high performance QNX-Neutrino real-time operative system.
- Optional web server for monitoring status and change of control parameters.