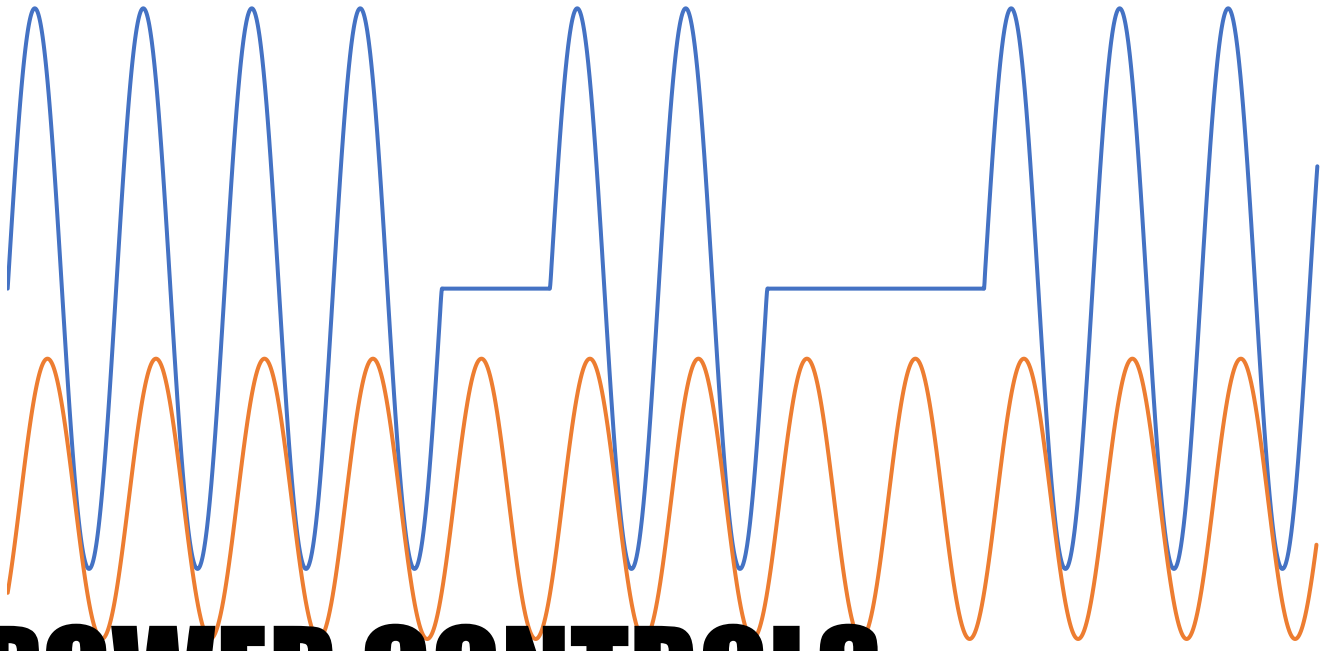
HEATER



POWER CONTROLS

Contact us today!

+1 812-568-1746

sales@prokuma.com

Typical Applications

- Industrial ovens
- Industrial dryers
- Industrial water heaters
- Extruder barrel heaters
- Air heaters

Standard System Features

- Zero-crossing operation to nearly eliminate injection of power harmonics
- Single or three phase systems up to 600Vac
- Type 12/4 enclosure
- Thermocouple, RTD, 0-10V, or 4-20mA process air temperature signal
- Linear or progressive Vernier PWM sequencing
- PLC controls allow system expansion or multi-function use
- Touch screen operator HMI with control, status, and alarming
- Historical trending of temperature, setpoint, and active stages
- Internal enclosure temperature monitoring
- Local control or remote control via EtherNet/IP, Modbus TCP, 0-10V or 4-20mA
- Analog feedback for remote temperature and status monitoring
- Scalable up to multi-megawatt with as many stages as required
- High temperature limit monitoring and shutdown
- SCRs with integrated MOV for transient clamping
- SCR alarm monitoring (mains loss, load loss or SCR short circuit, SCR open circuit, and SCR overtemperature)
- Enclosure air conditioning
- Ambient temperatures up to 104°F
- UL508A listing/labeling

Options

- Field commissioning
- Power monitoring
- Individual SCR stage power diagnostics
- Automatic stage load testing
- Multi-loop control
- SCCR rating up to 100kA
- Indicating fuse holders
- Type 4X enclosure
- Other customizations specific to your application