

GFW adv
**COMPLETE SOLUTIONS FOR INDUSTRIAL
ELECTRIC HEATERS CONTROL**

GEFRAN

Applicative flexibility

Space-saving solution

Exclusive reduction downtimes



CONFIGURABLE CONTROLLERS FOR ELECTRICAL POWER

GFW adv is the new modular line of GEFRAN power controllers, designed to control all types of industrial electric heaters with any connection mode (single-phase, dual-phase and three-phase).

Accurate control, powerful diagnostic, applicative flexibility are the main benefits offered by the GFW series.

Easy configuration thanks to a **user-friendly** software, completes the offer.

> TECHNICAL DATA

- Ideal for resistive loads, Super Kanthal® resistors, silicon carbide, long/medium/short-wave IR lamps, single/three-phase transformers
- Control: digital, analogue, potentiometer, RS485, Fieldbus
- Firing: "Zero crossing", "Burst Firing" "Half Single Cycle", "Phase angle"
- Rated currents from 25 A to 250 A; rated voltages 480VAC, 600VAC and 690Vac
- Soft-Start, Current Limit, Feedback of I, I², V, V², P
- Diagnostics: partial/total load failure, short circuit
- Temperature input for PID control, alarm outputs.
- **Integrated solution with incorporated temperature controller**
- **Powerful diagnostics of total and partial load failure**
- **flexibility with all types of control and for any loads**
- **Integrated electronic fuse**
- UL certification



> APPLICATIONS

> Thermal treatments



> High-temperature metal furnaces



> Ceramics furnaces



> Glass lines and furnaces



> Autoclaves for composites



> Dryers for paper mills

