

GFX4-IR

*All in one = Controller + SSR +
TA + TV + Fuse*



Compact

Advanced diagnostics

The Controller that handles the toughest loads

- * Connectable to HMI GF_VEDO touch screen*
- * Pre-configured work recipes*
- * High connectivity with PLC*

Gefran introduces its GFX4-IR, a new 4-zone PID power controller for infrared lamps, transformers, and inductive loads.

The GFX4-IR is extremely compact, saving you space and wiring time.

GFX4-IR runs complete diagnostics of current, temperature, and voltage levels.

GEFRAN
Our Know how,
Your Solution.

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GFX4-IR

Characteristics

- » Up to 4 zones single-phase or 1 zone 3-phase + 1 single-phase
- » All connection types (star, delta, with/without neutral)
- » Zero-crossing operation with pulse train and half single cycle
- » Phase-angle operation
- » Soft start, soft stop, current limit, V, I, P feedback functions
- » Iac rms and Vac rms read, interrupted load and short circuit diagnostics

Applications

Infrared heaters are used in scores of industries thanks to their versatility and ability to convey thermal energy to the position and depth required with great efficiency and energy saving. They require fast and precise SSR electronic control, with specific functions that the new GFX4-IR controller provides to keep them perfectly efficient and enhance their performance.

Thermoforming



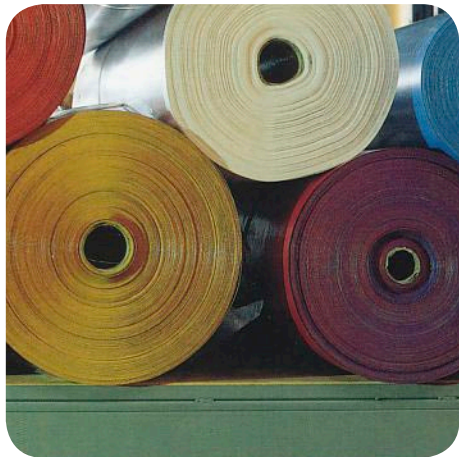
Blowing



Hot runners for injection presses



Fiber texturizing



Woodworking machines



Glass tempering furnaces

