



## 6400

*Small Size - Maximum Functions*

### 1/16 DIN Profile Controller

#### DESCRIPTION

The West brand 6400 1/16 DIN profiler may seem small, but it packs a punch with holding up to 4 programs of 16 free-format segments each and includes an event output. The controller can be configured from the front of the instrument or by a PC through a configuration port. The configuration port has a dual purpose; first it can be used to modify the controller setups and secondly, it can be used to transfer programs or profiles.

This control has RaPID, Response Assisted PID, a fuzzy logic algorithm plus a pre-tune algorithm, that when combined provide shorter start-up times and reduced overshoot.

The West brand 6400 contains many of the features of larger more expensive profilers such as: guaranteed soak, delayed start, profile active output, profile recovery features, profile cycling, plus an optional digital input for remote run/hold. RS-485 communications is also available with convenient, full access to all profile data.

Modular I/O options allow for field upgrades by adding or replacing boards.

#### APPLICATIONS:

Programmable profile device stores and implements temperature control sequences including ramp/soak profiles using exclusive PID techniques.

#### INDUSTRIES

- Industrial and lab ovens/furnaces, plastics and thermal forming
- Form/fill and seal
- Packaging applications
- And any others where low costs, smaller size and unmatched connectivity are critical requirements.

#### FEATURES/BENEFITS

- Dual, 4-digit, LED displays
- 1/16 DIN panel mount
- Universal Input for thermocouple, RTD, DC linear mA/V/mV user-selectable
- Up to 3 outputs; relay, 4-20mA, SSR driver, Triac
- Alarm, control, retransmit, event output functions
- PID, ON/OFF, profile (ramp/soak) control
- Optional RS-485 serial communications
- Program security