



# 1ZX- SINGLE ZONE Temperature controller

*New!*



## SELF - TUNING TEMPERATURE CONTROLLER

Dual display with «Click and Rotate» dial

The 1ZX uses SISE's «Permanent Auto-Tuning Software».  
This new controller is compatible with just about  
any hot runner system on the market



**SPECIFICATIONS :**

- Dimensions (mm)** : W : 120.5 – H : 112 – D: 226 mm
- Power Supply** : 240, 50/60 Hz single phase  
Includes power and thermocouple cables (4 meter)
- Output** : 0 - 230 V x 15 A (3450 W) Phase control or pulse triggered & zero crossing  
(Low voltage possible with addition of transformer)
- Thermocouple Isolation** : Optical and Transformer (Isolated to 1500V)
- Temperature Control** : «J» or «K» Thermocouple with linearisation, accuracy 0.5% in °C or °F  
: Permanent self tuning control by SISE or programmable P.I.

- Advanced Features** :
- Automatic or Manual mode  
(automatically switches to Manual mode if broken thermocouple)
  - 2 Softstart ramps available (limited to 15%/100°C or adjustable in °C/Min)
  - Current measurement and display (Amps)
  - Heating Power display (Watts)
  - Load Power display (Watts)
  - Adjustable Setpoints (0 - 500°C)
  - Load & Triac Protection by 2 fuses (15A)
  - Integrated relay in case of triac short circuit
  - Installed Power monitoring
  - ...

- Safety :**
- Open thermocouple
  - Inverted thermocouple
  - Upper / Lower alarm (programmable)
  - Load Breakage

*Cables included !*

