



# 1ZX- SINGLE ZONE Temperature controller



## 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



# PLASTICS TECHNOLOGY UNDER CONTROL



## 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!*

