



Temperature Controller & Timing Controller

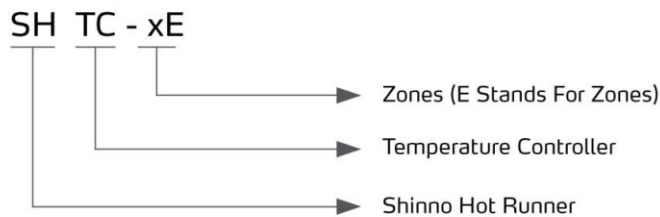
Simple Solution

SHINI



Temperature Controller

Coding Principles



Application

Temperature controller, being used in hot runner system, is a device which maintains the required temperature value for the hot runner via PID control. It consists of temperature control card, circuit breaker, cabinet, fan, terminal blocks and cables. The temperature control card in the cabinet controls the temperature of the hot runner and the temperature accuracy of system. Self-protection and fault tolerance depends on the function of the temperature control card. At present, temperature controller is necessary in the application of hot runner molds.

Specifications

Zone	Length (mm)	Width (mm)	Height (mm)
zone 1	100	220	280
zone 2	240	260	350
zone 4	340	260	350
zone 6	440	260	350
zone 8	540	260	350
zone 12	410	450	350
zone 30	650	750	350

Features

- Dual thermocouple (J type or k type).
- Temperature displays in °C/°F.
- Auto or manual mode.
- 6 kinds of alarm.
- Fuse break indicating.
- Inside buzzer.
- Thermocouple breaking indicator
- Protection (Screen will not indicate until the right voltage is connected).
- Short-circuit alarm (When short-circuit occurs, it will sound an alarm automatically).
- RS-485 function (option).
- Current display.
- TRIAC Short-circuit protection (if TRIAC get short-circuit, safety protection device will cut off the output.)
- Heater short-circuit protection.
- Stand-by function for energy saving.



Timing Controller

Coding Principles



Features

- Three kinds of working mode:A/B/AB
- Switch for holding pressure mode (open/close)
- Time setting for holding pressure delay
- Decimal point switch
- Indicating mode

Application

Timing controller is an equipment that controls valve gate nozzle open/close delay in valve gate of hot runner system. Timing controller controls each gate of hot runner system.

Specifications

Model	Zones 4	Zones 6	Zones 8
Zone	4	6	8
Casing Type	SHT4V	SHT6V	SHT8V
Power Switch Capacity(A)	20	20	20
Signal capacity	DC12 / DC24 / AC110	DC12 / DC24 / AC110	DC12 / DC24 / AC110
Contactur Type	SIBAS-16P×1	SIBAS-16P×1	SIBAS-16P×1
Weight(kg)	18	24	32
Dimension (mm)	Length (mm)	340	440
	Width (mm)	260	260
	Height (mm)	350	350

Shinzo Hot Runner Systems, Inc

Addr: 160Jinlang South Rd,Dalang,Dongguang

Tel: +86(0)769 8111 5788

Fax: +86(0)769 8111 5755

Email: shini@shini.com

2014-10-15-04 Copyrights Reserved.

www.shini.com