

DINICO

146 Royal Orchard Blvd.,
Thornhill, Ontario L3T 3E3
CANADA
Tel: (416) 876 7711
Fax: (905) 709 9373
Email: dinico@dinicoinc.com
www.dinicoinc.com

CD-101 (Relay Output)

This High performance - Low price - Intelligent Temperature Controller has a universal type input, which accepts various kinds of inputs, including thermocouples K, E, S, B, J, T, R or N type.

It is an ideal solution for a wide range of professional applications to automatically control operation temperatures.

Applicable industries:

- Machinery
- Automotive
- Chemicals
- Ceramics
- Light manufacture
- Metallurgy
- Petrochemicals
- Kiln, Oven, Furnace and etc.

Features & Specifications:

- This Controller has a Relay output.
- Equipped with a built-in relay (3A/220V).
- Out1 = Relay (heating side).
- It has a universal type input.

Control Method	PIN control (including ON/OFF, step-type PID and continuous PID) Self-tuning control
Detective Temperature Range	0 to 1600 °C (depends on input type)
Display	Process value (PV), Setting value (SV) Output, alarm and self-tuning can be indicated by: LED
Input Signal	Thermocouple: K,E,S,B,J,T,R,N Thermal resistance G PT100 mini measure Remote sending manometer line signal 5V, 1-5V, 0-10mA, 4-20mA
Accuracy	±0.5%F.S
Control Way	Fuzzy PID control, state control manual
Control Output	- Relay output. * Equipped with a built-in relay (3A/220V). * Out1= Relay (heating side).
Alarm Type	High limit alarm, lower limit alarm, below lower limit alarm.
Transmitter Output	0-10mA, 4-20mA, 0-5V, 1-5V
Junction	None
Power Output	DC 24V (used in double line transmitter)
Working Power	AC 85 - 265V, 50-60 Hz
Out Dimension	48 x 48 x 110 mm
Install Dimension	45 x 45 mm

CD-101 Relay-Output PID Temperature Controller Data Sheet

For current product information, availability, and compatible options, use the verified ThermoMart links below. The preceding pages remain the original data sheet content.

Looking for product information? Browse the manual library to find current ThermoMart models and guides.

[All ThermoMart manuals and guides](#)