

HITEC CR

OUTPUT

Temperature Output Alarm Output Time-up Output

Operation Manual

Fifth Edition

Yamato Scientific America Inc.

1. Specifications

Time-up Output	 Output at the automatic stop and at the end of program C contact (Relay contact) Contact capacity: AC250V 3A : DC30V 3A Joint: M4 Screw terminal (Common)
Alarm Output	Output at the occurrence of error C contact (Relay contact) Contact capacity: AC250V 3A DC30V 3A Joint: M4 Screw terminal (Common)
Temperature Output (Analog) Voltage output(DC) according to the measured temperature See table 1 in the next page about output (0 at 0V) Resolution: 0.1 Load impedance: 100K or more Joint: M4 Screw terminal (Common)	

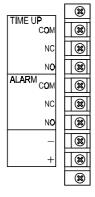
2. Connection

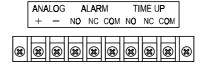


- 1. Connect firmly the terminal to use (Outputs which was not specified at the order are unusable)
- 2. To use the time-up output or the alarm output; Connect to COM (C) and NO in case the contact is "Closed" at output.

Connect to COM (C) and NC in case the contact is "Opened" at output.

3. when you use the temperature output, employ a shielded line as a connecting cable for noise prevention, and cut it as short as possible.





Lengthwise Arrangement

Crosswise Arrangement

3. Caution in use

0	Be sure to turn off the breaker on connection.	
	2. Use either the time-up and the alarm output under the contact capacity.	
\bigcirc	Be careful not to short-circuit the temperature output terminal.	
0	4. Be sure to connect the temperature output terminal to the recorder etc., with input impedance of 100k or more.	
	5. Fasten securely the screw attached to terminal for connection.	

Table 1 Output of Each Machine Type

Type (series)	Output (mV/)
DFS	
DHS	
DES	5
DTS	
DP	
DN	
DS	
SG	
IN	
IL700	
FP	2
SM	10