

BR6

Digital temperature controller

- Cooling control and heating control selection
- Alarm output and timer output selection
- ON / OFF and proportional control selection
- 0.1 °C / 1 °C selection
- Delay output time setting



Specification

Input sensor	Company exclusive sensor (TH-540N) ※ Thermistor (NTC)	
Input range	-40.0 ~ 90.0 °C	
Display accuracy	± 1 % of FS ± 1 Digit	
Control output	Relay output	▪Contact composition : 1 c ▪250 V a.c. ▪5 A (Resistance load)
	Voltage Pulse Output	10 - 15 V d.c. (load resistance 500 Ω or more)
	Electric current Output	4-20 mA d.c. (load resistance 500 Ω or less)
Auxiliary/Defrost	Relay	▪Contact composition : 1 c ▪250 V a.c. ▪5 A (Resistive load)
Control operation	Selection of reverse action (heating)/ direct action (cooling) with parameters	
Setting method	Digital method by setting, increasing and decreasing keys	
Other function	Deforstring timer, Alarm function	
Ambient temperature	0 ~ 50 °C	
Resistance between wires	Below 10 Ω for each wire	
Ambient humidity	35 ~ 85 % RH (with no condenssation)	
Weight	110 g	
AC power supply voltage	100 - 240 V ~ 50/60 Hz	
DC power supply voltage	10 - 24V d.c. , Class2	
voltage change rate	± 10 % of supply voltage	
AC power consumption	10.0 VA or less	
DC power consumption	2.0 VA or less	
Certification		