

High-performance Heater Controller HHC2 series



Heat-tech

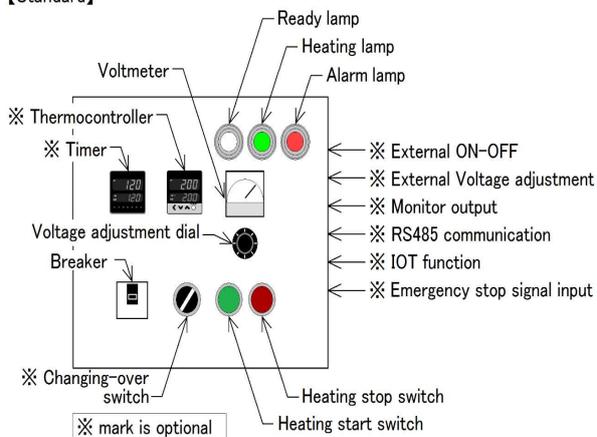
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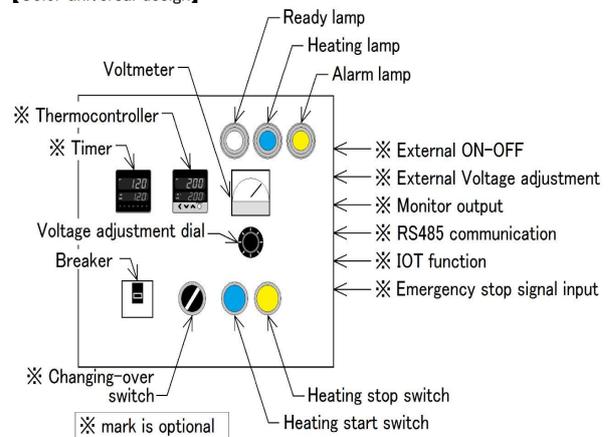
HHC 2 is a heater controller that combines options with basic functions and is customized for use.

- Color universal design type can be specified CUD as an option.
White, blue and yellow indicator lights, Blue and Yellow operation buttons.
The color scheme is easy for anyone to see.
- “HHC2” has the ability to manually control the ON-OFF of the power, voltage.
Current limit, slow-up, over-current breaker of voltage and so on,
It incorporates enough safety equipment necessary to the halogen heater.
- Thermocontroller on-board of the option selected, there is a thermocouple specification or a radiation thermometer specification.
- In option selected, user can control of ON-OFF and the voltage is possible with the outside signal.
- The IOT-function of the option selected, user can confirm data such as, the set temperature, heating temperature, operation time, operation number of times, heater
- Using a duplication sensor of the optional selected, a over temperature alarm management is possible.
- Using a one-shot timer of the optional selected, an precision heating examination is possible.

【Standard】



【Color universal design】



D/#	Supply voltage	Heater voltage	Control current
HHC2-12v-25A	AC100-240v	DC12v	25A
HHC2-24v-13A	AC100-240v	DC24v	13A
HHC2-36v-15A	AC100-240v	DC36v	15A
HHC2-36v-28A	AC100-240v	DC36v	28A
HHC2-120V-25A	AC200-240v	AC120v	25A
HHC2-100v/240v-15A	AC100-240v	AC100-240v	15A
HHC2-100v/240v-30A	AC100-240v	AC100-240v	30A
HHC2-100v/240v-60A	AC100-240v	AC100-240v	60A

【Standard Function】

Power-supply voltage	AC100V~240V 50/60Hz
DC Control current	12v-300w / 24v-300w / 36v-500w / 36v-1kw
AC Control current	15A / 30A / 60A
Analog voltmeter	The output voltage of Halogen Heater is indicated by the analog meter.
Manual ON-OFF	Output ON-OFF by switch of the panel.
Manual adjustment	Adjustable voltage from 0 to 98% by 4-20mA signal from Remote.
AC power soft-start	At startup, the inrush current is controlled by increasing the voltage slowly.
Overcurrent protect	The power semiconductor device is protected from the excessive current.
Burnout detect	With heater burnout detection and display. AC output type limited installed.
Usage environment	Temperature 0 ~ 45 °C Humidity 10% to 95% (non-condensing)
External dimensions	Width 300 x height 300 x depth 300 mm

【Options】

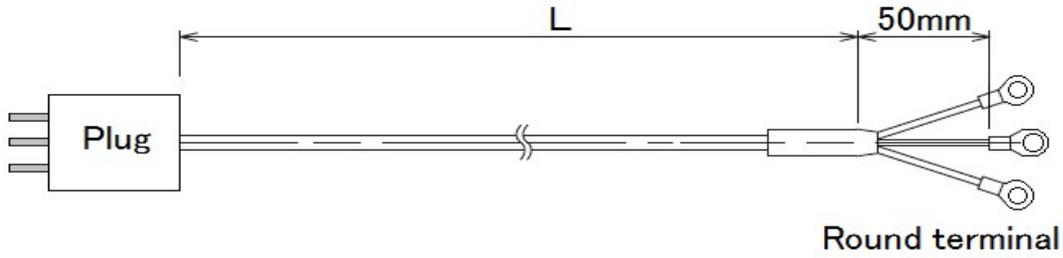
Abbreviation	Contents
TC	Thermo controller : Thermo couple input
TP	Thermo controller : Pyrometer input
PM	The Pyrometer and mounted surface.
SV	Supervisor function for Over-heat protect or Target-heating
HL	High-Low Control for rapid-heating or preheating
TMR1	Mounting surface.-For one-shot heating
TMR2	Mounting surface.-For thermal holding time
TMR3	Mounting surface.-Heating time for the predictive maintenance
RC1	Heating start or stop in the signal from outside
RC2	Specified output voltage in 4-20mA from outside
RSP	Specified thermocontroller temp. in 4-20mA
MON	Output in 4-20mA present temp. to the outside
RS485	RS-485 Communication
IOT	IOT function
AirV	Air opening and closing valve
OFDT	Air closing valve, heating stop after the cooling timer 5 minutes
WP	Cooling water pressure shortage alarm
AP	Air Blow Heater and terminal cooling air pressure shortage alarm
DC24	DC24V power supply cooling fan
CFS	Cooling fan stop detection signal processing
FPR	Front Protection Rail
RPR	Rear Protection Rail
Pyrometer	Pyrometer to choice of applications, and then fitted adjusted to the heater controller.
Power Cable	Manufacture the specification of the power cable.

※ If user need a function other than the above, please contact us.

[Note] When the to add a function, there is that the external dimensions changes.

Power Cable for Heater Controller

Manufacture the specification of the power cable.



Type A	Type B	Type C	Type D	Type E	Type F
Type G	Type H	Type I	Type J	Type L	

VOLT	AMP	15 AMPERE		20 AMPERE		30 AMPERE	
		Receptacle	Plug	Receptacle	Plug	Receptacle	Plug
125 V	L1						
		L1-15R	L1-15P				
250 V	L2						
				L2-20R	L2-20P		
125 V	L5						
		L5-15R	L5-15P	L5-20R	L5-20P	L5-30R	L5-30P
250 V	L6						
		L6-15R	L6-15P	L6-20R	L6-20P	L6-30R	L6-30P
277V, A.C.	L7						
		L7-15R	L7-15P	L7-20R	L7-20P	L7-30R	L7-30P
480 V	L8						
				L8-20R	L8-20P	L8-30R	L8-30P
600 V	L9						
				L9-20R	L9-20P	L9-30R	L9-30P

When the plug or the connector which the upper figure does not have are necessary, we will manufacture as much as possible.

<< Quotation model specification method >>

(Heater controller model) - (Plug shape) - (Cable length)

<< Quotation example >>

HHC2-100v-240v-15A-TypeA-5m

No-touch High Temperatures Hating

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