

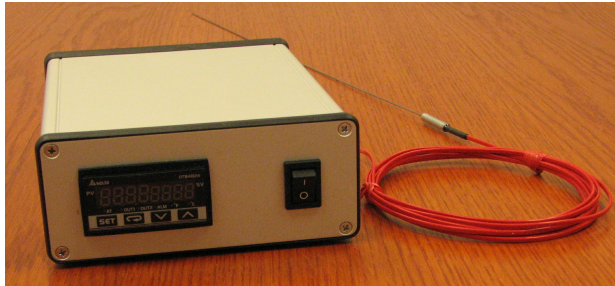
HTC-5500/5500-PRO

Heater Tape/Jacket Controller Unit

HEMI HEATING
SURFACE HEATING SYSTEMS

2010 RevA

HTC-5500



Description

The HTC-5500 controller is an “all in one” advanced PID, dual display, temperature controller unit.

The unit can be programmed in 64-steps and have a rampable by time function.

The unit includes:

- Temperature regulator type Delta DTB
- Solid State Relay operated for maximum life length
- Roubust AI-enclosure
- Chassis connectors for “plug´n play” start up
- Power output connector
- 1,5m Power feeder cable
- Thermocouple type K, incl. connector and 3m cable

Technical data, HTC-5500

Size of casing:

H=51mm x W=125mm x D=160mm

Power supply:

100 to 240V AC, 50/60Hz

Max power output:

8 Amp continuously. (10Amp if on-time is 80% of total cycletime) at max 25°C ambient temperature

Display digit resolution:

0 or 1 digit to the right of the decimal point

Display:

Dual 7-segment digital LED (4 digit)

Probe input:

thermocouple type K

Alarms:

3 groups alarm output

Control modes:

- On-Off
- PID
- Manual
- PID programmable (ramp/soak control)

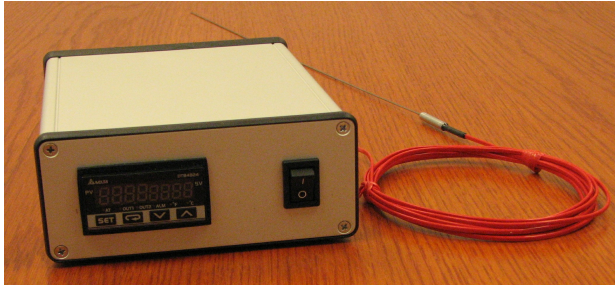
HTC-5500/5500-PRO

Heater Tape/Jacket Controller Unit



2010 RevA

HTC-5500-PRO



Front side layout (same as HTC-5500)



Description

The HTC-5500-PRO controller has the same features as the HTC-5500, but in addition:

- RJ12 6/6 connector mounted on backside of unit, for connection to PC
- Connector with potential free alarm contact, mounted at the backside of unit
- Free software for monitoring and control from PC

The unit includes:

- Temperature regulator type Delta DTB
- Solid State Relay operated for maximum lifespan
- Robust Al-enclosure
- Chassi connectors for "plug 'n' Play" start up
- Power output connector
- 1,5m Power feeder cable
- Thermocouple type K, incl. connector and 3m cable

Technical data, HTC-5500-PRO

Size of casing:

H=51mm x W=125mm x D=160mm

Power supply:

100 to 240V AC

Max power output:

8 Amp continuously. (10Amp if on-time is 80% of total cycletime) at max 25°C ambient temperature

Display resolution:

0 or 1 digit to the right of the decimal point

Display:

Dual 7-segment digital LED (4 digit)

Probe input:

thermocouple type K

Alarms:

3 groups alarms output

Control modes:

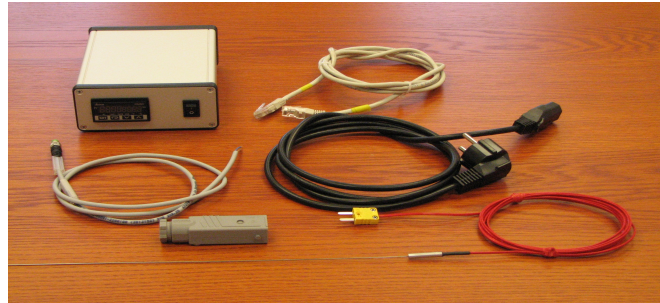
- On-Off
- PID
- Manual
- PID programmable (ramp/soak control)

HTC-5500/5500-PRO

Heater Tape/Jacket Controller Unit



2010 RevA



Ordering details:

Item	Art. No.	Description
1	HTC-5500	Temperature controller unit standard
2	HTC-5500-PRO	Temperature controller unit, extended version

Accessories		
Item	Art. No.	Description
1	ELCB-16A	Earth Leakage Circuit Breaker, 30mA, mounted on power feeder cable, L= 1,5m
2	EAC-M8	External Alarm Cable incl connector, M8 , 1m cable *
3	VFD-USB01	USB/RS485 Communication interface, including 3m comm. Cable RJ12 *
4	MKE-HUB	Splitterbox 1:2 , needed for connecting the HTC in a network. *
5	SPC-30	Splittercable 30cm to MKE-HUB, to be used to connect several MKE-HUB together in a network, *

* = is suitable for HTC-5500-PRO only