

Heater Panel

Three Phase Model #1HP3

The **Model 1HP3** control panel is designed to control a heater for process heating applications. It contains a large digital temperature controller and mercury contactor with a mechanical contactor as safety back up.

Features

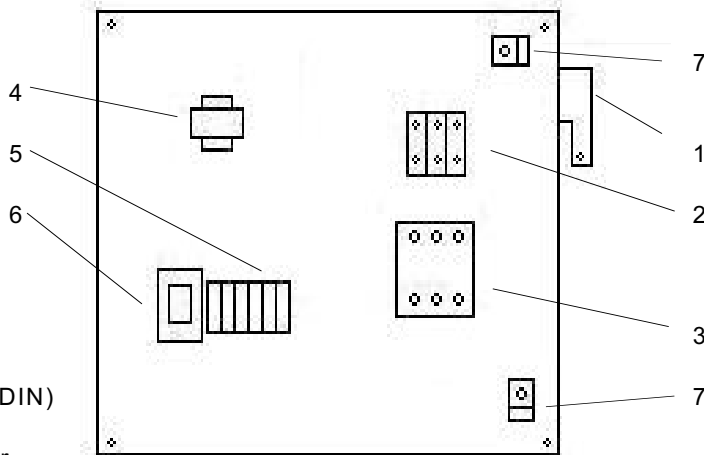
- Main disconnect included
- Complete with installation instructions
- Expedited shipping available
- Unlimited options
- Readily available industrial components
- Over temperature alarm included

Benefits:

- Complies w/ safety standards
- Easy installation
- Quick lead times
- Built your way
- Ease of service
- Safety backup is standard

Components:

1. Main disconnect, fused
2. Fuses (Class J)
3. Contactor
4. Transformer, 208/230/460V:120V
5. Terminal blocks
6. Control/alarm relay
7. Ground lugs
8. Enclosure NEMA rated
9. OFF/ON switch on door
10. Green power ON light on door
11. Plastic engraved nameplates
12. Digital temperature controller (1/4DIN)
PID Auto-tuning with fuzzy logic
13. Red High temp alarm light on door



Ordering Information:

Rev. 7/04

Model #	Voltage	NEMA	kW (max)	List Price (US\$)
1HP323060040015	230	4	6	\$1950.00
1HP323060040025	230	4	10	\$1950.00
1HP323060040030	230	4	12	\$2025.00
1HP323060040050	230	4	20	\$2075.00
1HP323060040060	230	4	25	\$2100.00
1HP323060040075	230	4	30	\$2125.00
1HP323060040100	230	4	40	\$2175.00
1HP323060040125	230	4	50	\$2275.00

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NT Controls, LLC
PO Box 4150
White River Junction, VT 05001

Ordering Information/Build-A-Part Number

1HP										
MOD	P	VOL	Hz	NM	AMPS	OP	OP	OP	OP	OP

Code	Description	Selection	Cost (\$)
MOD	Model # (1HP, 1PP, 2PP, 1MP, 2MP, 3MP)	1HP	1950
P	Phase	3	incl
VOL	Volts (208, 230, 460, 380)	208, 230 460 380	incl 150 175
Hz	Hertz (60 or 50)	60 50	incl 65
NM	NEMA rating of enclosure (01, 3R, 04, 4X)	01 3R, 12, 04 4X	(65) incl 225
AMPS	Amp Rating of Heater	Volt kW Amps	
		230 6 0015	incl
		230 10 0025	incl
		230 12 0030	75
		230 20 0050	125
		230 25 0060	150
		230 30 0075	175
		230 40 0100	225
		230 50 0125	325

OP *Optional Features:*

ND	No main disconnect-----	(125)
SS	Stainless steel cabinet-----	450
FF	False front (lights and switches mounted on inner door)-----	125
PL	Pad lock latch on door-----	40
CB	Circuit breakers instead of fuses (main, loads, and control fuses)-----	250
AS	Alarm strobe light-----	85
AH	Alarm horn with mute switch-----	110
LT	Low temperature alarm light-----	75
DC	Additional digital controller/alarm-----	625
HS	Additional operator switch-----	75
AL	Additional alarm light-----	50
7D	Seven day timer-----	175
HM	Hour meter-----	75
CC	Cycle counter-----	75
AD	Autodialer-----	475
SC	Strip chart recorder (1 pen)-----	1750
AC	Air Conditioner for control cabinet-----	3200

Total \$

7/04

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