

HVAC CONTROLS

Line Voltage Thermostats

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- Mount to standard 2 x 4" vertical box

For use with fan coils, fans, contactors, circulator motors, motor starters, and valves. All units UL Listed except No. 4NE56. All are CSA Certified except Nos. 4NE56 and 2E503.

Note: For amp ratings, see www.grainger.com.



No. 1TKF9



No. 2E158



No. 1UH9G



HEAT ONLY

No. 2E477 has locking case to prevent tampering. No. 4PU48 has positive Off position.

COOL ONLY

Single line break type thermostat is for cooling only. UL Listed.

HEATING/COOLING

No. 2E517 includes removable locking cover. No. 4NE56 features a 44°F frost protection setting. Nos. 2E734 and 3T243 feature two dial stops for locking dial setting. No. 2E503 is UL and C-UL Listed.

Switch Type	Control Range (°F)	Diff. (°F)	Pilot Duty (VA)	Dimensions (In.)			Brand	Mfr. Model	Item No.	\$ Each	Shpg. Wt.	
				H	W	D						
Heat Only Thermostats												
DPST	50 to 90	3	—	4 3/4	2 3/4	2 3/4	Dayton	—	4PU48	16.64	0.8	
SPST	50 to 90	0	125	5	3 3/4	2 3/4	Invensys	801	1TKF9	11.09	0.6	
SPST	55 to 85	2	—	6	2 3/4	2 1/2	White-Rodgers	152-9	2E369	106.20	1.8	
SPST	55 to 95	2	—	6	2 3/4	2 1/2	White-Rodgers	152-10	2E477	125.15	1.8	
Cool Only Thermostat												
SPST	50 to 90	0	125	5	3 3/4	2 3/4	Invensys	803	1TKG1	16.65	0.6	
Heating/Cooling Thermostats												
SPDT	50 to 90	2h/4c	—	4 3/4	2 3/4	2 3/4	Columbus Electric	ETD-SS-6S	2E158	16.77	0.5	
SPDT	0 to 120	1	125	5	3 3/4	1 3/4	Honeywell	T6051A1016	2E517	94.75	1.0	
SPDT	44 to 86	2	125	4 1/2	2 3/4	1 1/2	Honeywell	T651A3018	4NE56	59.65	0.5	
SPDT	40 to 90	3h/3.5c	—	4 1/4	3	2 1/2	Johnson Controls	T26T3E	2E503	87.70	0.9	
SPDT	55 to 90	1.5	125	5 1/2	2 1/2	2 1/2	White-Rodgers	1A10-651	2E734	58.95	0.7	
SPDT	36 to 90	1.5	125	5 1/2	2 1/2	2 1/2	White-Rodgers	1A16-51	3T243	86.00	0.7	
SPDT	55 to 95	3	—	6	2 3/4	2 1/2	White-Rodgers	179-1	2E997	117.75	1.8	
Heating/Cooling Fan Coil Thermostats												
(2) SPST	40 to 90	+/- 2	—	4 1/4	3 3/4	1 1/4	Dayton	—	1UHE3	26.50	0.3	
(2) SPST	40 to 90	+/- 2	—	4 1/4	3 3/4	1 1/4	Dayton	—	1UHE4	26.50	0.3	
SPST	50 to 90	+/-1.36	100	3 1/4	4 3/4	1 1/4	Honeywell	T6575C1001	1R2Y7	81.30	0.7	
SPDT	55 to 95	—	—	4 3/4	4 1/4	1 3/4	Honeywell	T4039M1004	2E858	115.00	0.7	
SPDT	36 to 90	1.5	—	4 1/2	4 1/2	2 1/4	White-Rodgers	1A11-2	1N172	91.50	1.1	
Thermostat and Humidistat/Dehumidistat												
(2) SPST	41 to 95	+/-1	—	4 1/4	3 3/4	1 1/4	Dayton	—	1UH9G	53.25	0.3	
Subbase												
Heating-Cooling Subbase for use with Nos. 2E734 and 3T243								White-Rodgers	S29-21	2E735	34.75	0.4

Electric Heat Line Voltage Thermostats

- Mount to standard 2 x 4" vertical box

For precise control of resistive-rated electric heating equipment. All units are UL Listed; Nos. 6WY23 and 6WY24 are C-UL Listed. All are CSA Certified.



No. 4PU49



No. 6WY24



NO. 4CZ52

Controls both fan-forced and baseboard electric heaters. Thermoplastic mounting base and two 6" copper lead wires.

NO. 4CZ53

Patented CoolSwitch™ technology reduces wear on contacts and provides longer thermostat life. 5 to 7 cycles per hour. Includes two 6" copper lead wires.

NO. 6WY23

Shows actual temperature on large LCD. Heating indicator confirms at a glance that the heat is on. Backlight button and On/Off switch.

NO. 6WY24

Features 7-day programming with easy, push-button adjustment. Large LCD shows time, day, and actual temperature. 3 preset temperature buttons: normal, economy, and vacation or extended absence. Features early-start switch, On/Off switch, and backlight button.

NOS. 2E831 AND 2E832

Bimetal sensor element and long-lasting Micro Switch™ mechanism. Thermostats include thermometer and locking cover. No. 2E832 has Positive Off position.

Thermostat Type	Switch Type	Sensor Type	Resistive Contact Ratings 240V (A)		Control Range (°F)	Differential (Deg. F)	Color	Dimensions (In.)			Brand	Mfr. Model	Item No.	\$ Each	Shpg. Wt.
			120V (A)	240V (A)				H	W	D					
Bimetal Operated	SPST	Bimetal	22	22	50 to 90	3	White	4 3/4	2 3/4	2 3/4	Dayton	—	4PU49	20.01	0.7
5+1+1 Programmable	SPST	NTC Thermistor	15	—	41 to 95	+/- 1	White	4 3/4	3 3/4	1 1/4	Dayton	—	1UH64	45.00	0.3
Electronic	SPST	NTC Thermistor	15	—	41 to 95	+/- 1	White	4 3/4	3 3/4	1 1/4	Dayton	—	1UH61	62.50	0.3
Electronic	SPST	NTC Thermistor	15	—	50 to 90	+/- 2	White	4 3/4	3 3/4	1 1/4	Dayton	—	1UHE8	22.50	0.3
Analog	SPST	Vapor-filled dual-diaphragm	22	22	50 to 80	+/- 2	White	4 1/2	2 1/2	2 3/4	Honeywell	T4398A1021	4CZ52	23.51	0.6
Analog	SPST	Thermistor	—	16	50 to 80	+/- 1	White	4 3/4	3 3/4	2 3/4	Honeywell	T4800A1015	4CZ53	59.85	0.7
Digital Nonprogrammable	DPST	Thermistor	—	15	40 to 86	+/- 1	White	4 3/4	2 3/4	7/8	Honeywell	TL7235A1003	6WY23	54.55	0.8
Digital Programmable	DPST	Thermistor	—	15	40 to 86	+/- 1	White	4 3/4	2 3/4	7/8	Honeywell	TL8230A1003	6WY24	59.80	0.8
Electric Heat, Slide Action	SPST	Bimetal	22	22	40 to 80	+/- 3	Beige	4 1/2	2 3/4	1 1/4	Honeywell	T498A1778	2E831	30.55	0.5
Electric Heat, Slide Action	DPST	Bimetal	22	22	40 to 85	+/- 3	Brushed Gold	4 1/2	2 3/4	1 1/4	Honeywell	T498B1512	2E832	36.65	0.5
Electric Heat, Slide Action	SPST	Bimetal	22	22	40 to 85	+/- 1	Beige	4 1/2	2 3/4	1 1/4	White-Rodgers	1A65-641	4E036	29.45	0.6
Electric Heat, Slide Action	DPST	Bimetal	22	22	40 to 85	+/- 1	Beige	4 1/2	2 3/4	1 1/4	White-Rodgers	1A66-641	4E037	39.20	0.6

(*) Double pole disconnect with "Off" position which mechanically breaks both sides of line.