

Description and Application

The KMC CTE-1105/1108 electronic thermostats are designed for use with specific CEE/CEP/CSE/CSP-4000 series controller-actuators to control damper actuators and/or valves in HVAC systems. The ability to adjust minimum and maximum limits is at the thermostat rather than at the controller. They are dual setpoint thermostats for night/day reset applications.

Additional outputs are provided for control of optional KMC REE-4000 series relay modules. The 0–6 VDC output (T3/T4) are not restricted by the minimum and maximum control points.

Cover construction allows for the setpoint indicator and thermometer to be either visible or concealed. Optional accessories include an insert for concealing the window and stops to lock/restrict the setpoint adjustments.

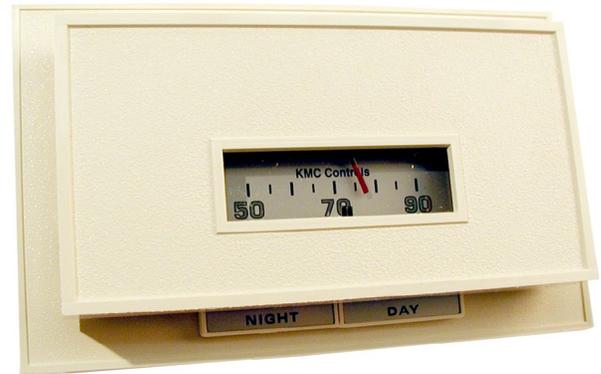
A temperature output (A) allows temperature averaging with remote temperature transmitters, such as the TTE-1001.

CTE-1105/1108 room thermostats are intended for use with the following KMC controller/actuators:

- CEE-4000 Series
- CEP-4000 Series
- CSE-4000 Series
- CSP-4000 Series

An optional XEE-4002 9.1 VDC power supply module can power the thermostat. Then the thermostat can be used (without the controller-actuator) to control a damper or valve operated by an MEP series actuator or to control other devices via optional REE-4000 series relays.

NOTE: For many applications, the CTE-1105/1108 can be replaced by a CTE-5202 electronic thermostat with an LCD display. For details, see the [CTE-5202 Data Sheet](#) and the [CTE-5202 Applications Guide](#).



Features

- ◆ Dual setpoint for day/night reset applications
- ◆ Adjustable min/max temperature limits
- ◆ Additional output available for control of KMC REE series relay modules
- ◆ Visible or hidden setpoint indicator
- ◆ Day/night flow adjustments

Models

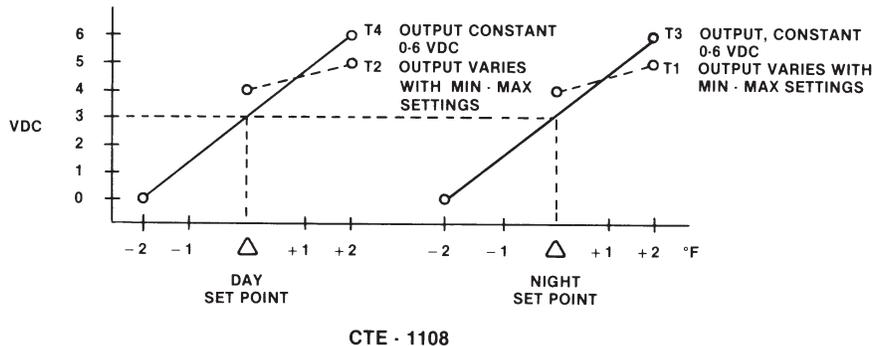
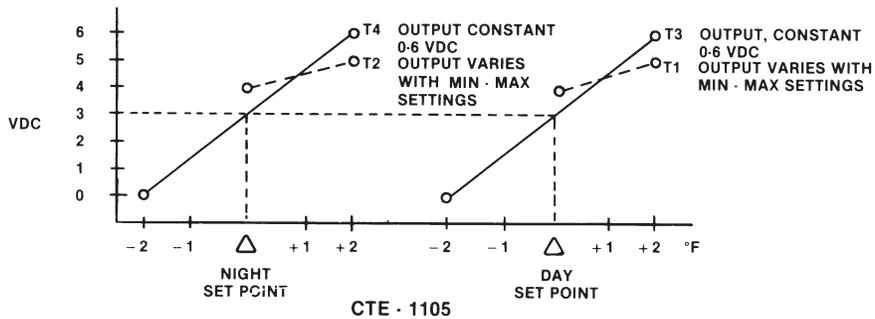
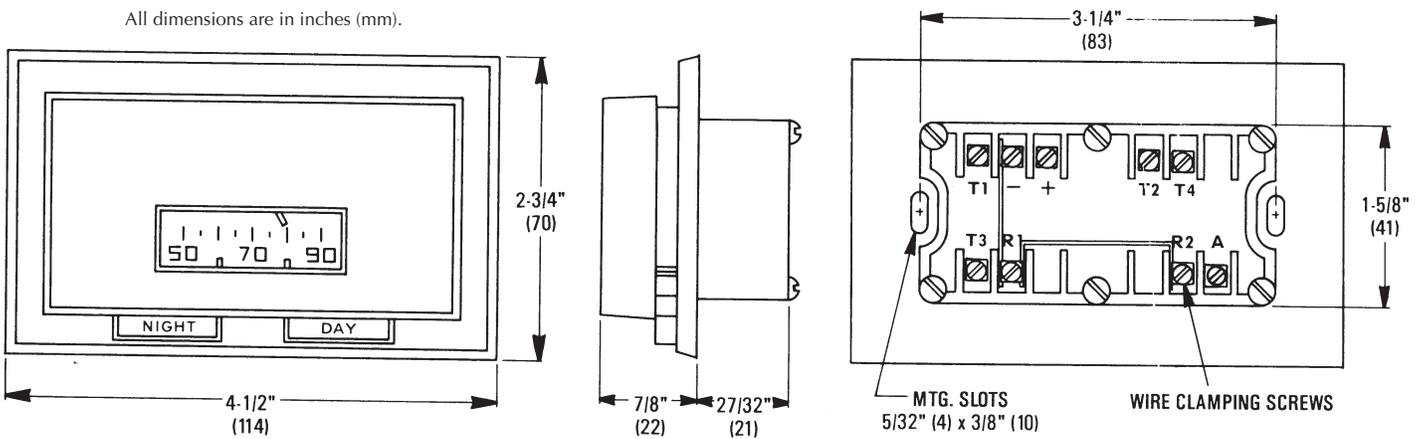
- CTE-1105-10 ° F, horizontal, night/day
- CTE-1105-11 ° C, horizontal, night/day
- CTE-1108-10 ° F, horizontal, day/night

Accessories

- HFO-0026 Blanking insert
- HFO-0027 Setpoint stops
- HMO-5001 Toggle bolt assembly
- HMO-5002 Insulating backplate, 1-1/8" deep
- HMO-5007 Insulating backplate, 1-11/16" deep
- HSO-5001 Calibration test leads
- REE-4000 series Relay modules
- TTE-1001 Remote room temperature transmitter
- XEE-4002 9.1 VDC power supply module

Details

All dimensions are in inches (mm).



Specifications

Supply Voltage	9.1 VDC (5 mA) $\pm 5\%$
Output Range	0 to 6 VDC
Range	55° to 85° F (13° to 29° C)
Proportional Band	
T1/T2	2° F (1.1° C)
T3/T4	4° F (2.2° C)
Thermostat Action	Direct Acting
Cover Type	Furnished, with window
Material	Light almond flame-retardant plastic
Weight	3.5 oz. (99 grams)

Approvals SASO PCP Registration KSA R-103263

Temperature Limits

Operating	40° to 120° F (4° to 49° C)
Shipping	-40° to 140° F (-40° to 60° C)

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