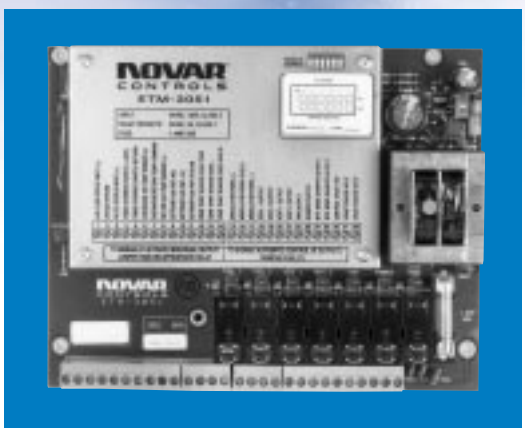


ETM-3051

Full-Function Electronic Thermostat Module

ETM-3051 is specially designed to operate in environments where the space temperature sensor may be abused, such as schools or warehouses.

LOGIC ONE®– technology you can rely on

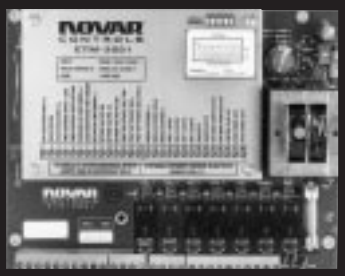
Novar's LOGIC ONE Advanced Building Control System delivers better reliability, greater versatility and more standard features than any other building control system on the market. LOGIC ONE technology is designed to maximize the operational efficiency of any HVAC or lighting system. The result: lower energy costs, increased comfort, and reduced equipment maintenance.

Bottom Line: With Novar You Know It's Efficient

LOGIC ONE

NOVAR® CONTROLS

With Novar, you know.



Specifications ETM-3051

The ETM-3051 can be programmed to ignore a damaged space temperature sensor and automatically switch control to the return air temperature sensor. Nite mode damper capability improves energy efficiency during unoccupied hours.

Physical Characteristics

Height: 5.9 inches.

Width: 7.5 inches.

Depth: 1.785 inches.

Weight: 1.38 lbs.

Mounting: Four base-corner mounting holes and one optional fifth mounting hole allow fastening to compartment wall with metal screws.

Operating Environment

Temperature: -40˚ to 158˚ F (-40˚ to 70˚ C).

Humidity: 0 to 95% relative, noncondensing.

Electrical

Voltage: 24VAC (Class 2).

Consumption: 10VA.

Fuse Rating: 1AMP, 3AG.

Analog Inputs: Dedicated.

Digital Inputs: Contact closure only.

Digital Outputs: 24VAC, 2 ampere (pilot duty).

Status Indication: One schedule-status indicator LED and seven relay-status LEDs.

Special Circuits/Diagnostics

Low Voltage Detect: Senses proper operating voltage.

Temperature Sensor Monitor: Verifies operation of temperature sensors.

Watch Dog: Monitors and ensures ETM-3051 timing and operation.

Fail Safe: Programmed setpoints held in nonvolatile PROM.

Surge Suppression: All inputs/outputs protected against lightning-induced surge or voltage transients.

Network Communications

Method: RS-485.

Cable (network): 2-wire, shielded cable. Belden 8761 or equivalent.

Options

Zone Temperature Sensors:
RTS-UVC – Remote Temperature Sensor.
WTS-UVC – Standard wall-mount, nonadjustable.
FTS-3 – Futura wall-mount, nonadjustable.
FTS-3A – Futura wall-mount, with integral setpoint adjustment dial.
WTS-SOS – Wall-mount, nonadjustable.

Sensor Cable: 100-ft. maximum.

Input/Output Points

Inputs: **Total - 6.**
Airflow status.
Filter status.
Timed override.
Zone temperature.
Discharge air temperature.
Return air temperature.
Zone setpoint adjustment.

Digital Outputs: **Total - 7.**
Cool 1.
Cool 2.
Heat 1.
Heat 2.
Fan.
Damper.
Nite mode damper.

Specifications subject to change without prior notification.

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NOVAR® CONTROLS

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