DATA SHEET

V160720

BACnet® MS/TP Networked Thermostat

MODEL: **ATEC - 2647 - 4**

DESCRIPTION:

The ATEC-2647-4 Series Thermostat is a BACnet® Master-Slave/Token-Passing (MS/TP) networked device that provides control of local Variable Air Volume (VAV) equipment with or without local reheat, or other zoning equipment using an on/off, floating, or proportional 0–10 VDC control input.

The technologically advanced ATEC-2647-4 features a Building Automation System (BAS) BACnet MS/TP communication capability that enables remote monitoring and programmability for efficient space temperature control. An intuitive user interface with backlit display makes setup and operation quick and easy.

The ATEC-2647-4 employs a unique, Proportional-Integral (PI) time-proportioning algorithm that virtually eliminates temperature offset associated with traditional, differential-based thermostats. A 38" (965mm) temperature sensor is included for direct placement. When connected to the BMS the ATEC-2647-4 also acts as a sensor, allowing two points of control per server pack.

One (1) PAP-7B Plug & Play Cable is included.

FEATURES:

BACnet MS/TP Communication:	Provides compatibility with a proven communication network; BACnet MS/TP is widely accepted by Heating, Ventilating, and Air Conditioning (HVAC) control suppliers
Backlit Liquid Crystal Display (LCD):	Offers real-time control status of the environment in easy-to-read,English plain text messages with constant backlight that brightens during user interaction
On/Off, Floating, or Proportional 0–10 VDC Control:	Offers additional application flexibility by providing more advanced control signals
Simplified Setpoint Adjustment:	Allows easy access for temporarily overriding the unoccupied mode
Two Configurable Binary Inputs:	Provide additional inputs for advanced functions such as remote night setback, service or filter alarms, motion detector, and window status
Over 20 Configurable Parameters:	Enable the thermostat to adapt to any application, allowing installer parameter access without opening the thermostat cover