

Model 6000 Controller

A robust modular network controller for monitoring and regulating toxic and combustible gases for up to 31 series 60xx detectors.

Applications

- Vehicle Emissions
- Combustible Gases
- Refrigeration Gas Leak Detection
- Industrial Health and Safety

Features

- Stand-alone central control of exhaust ventilation and alarms
- Interfaces to BACnet building automation systems (BTL Certified)
- Displays network activity and alarms
- Supports up to 31 remote gas sensors on twisted pair chain network
- Unlimited sensor zone groupings
- Time based cycle ventilation controls
- Digital and analogue outputs for variable speed drive integration
- Binary input for external inputs and interlocks

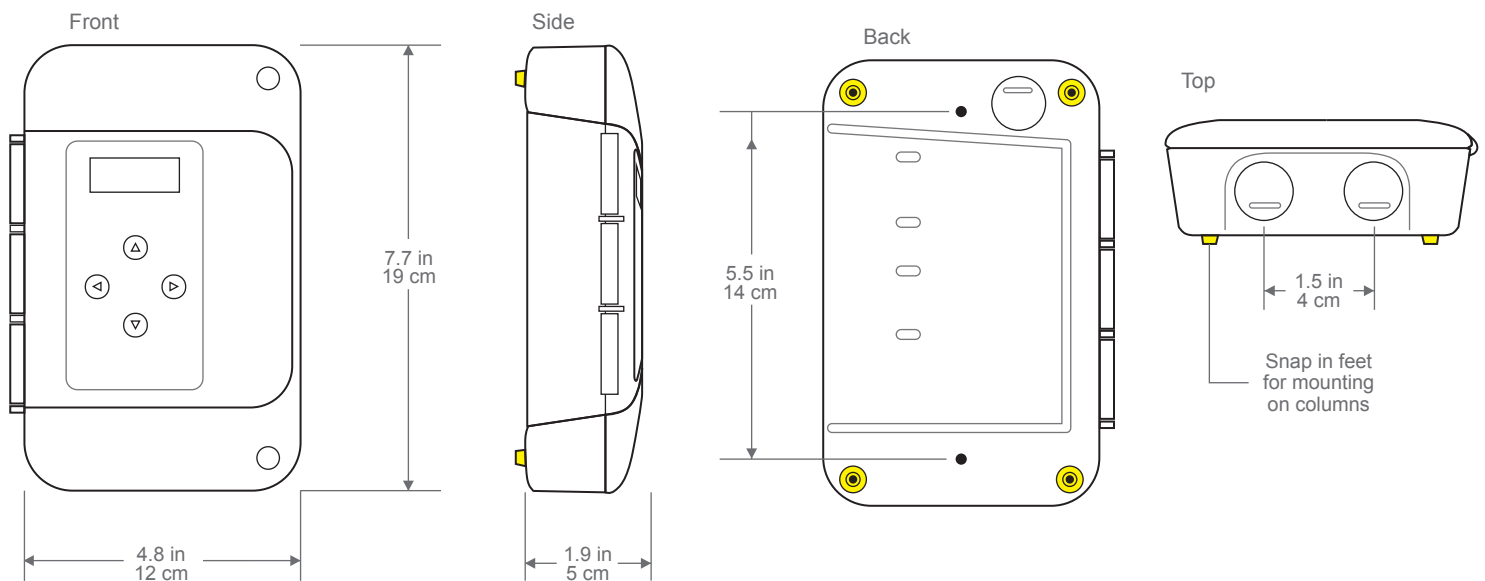


DATA SHEET

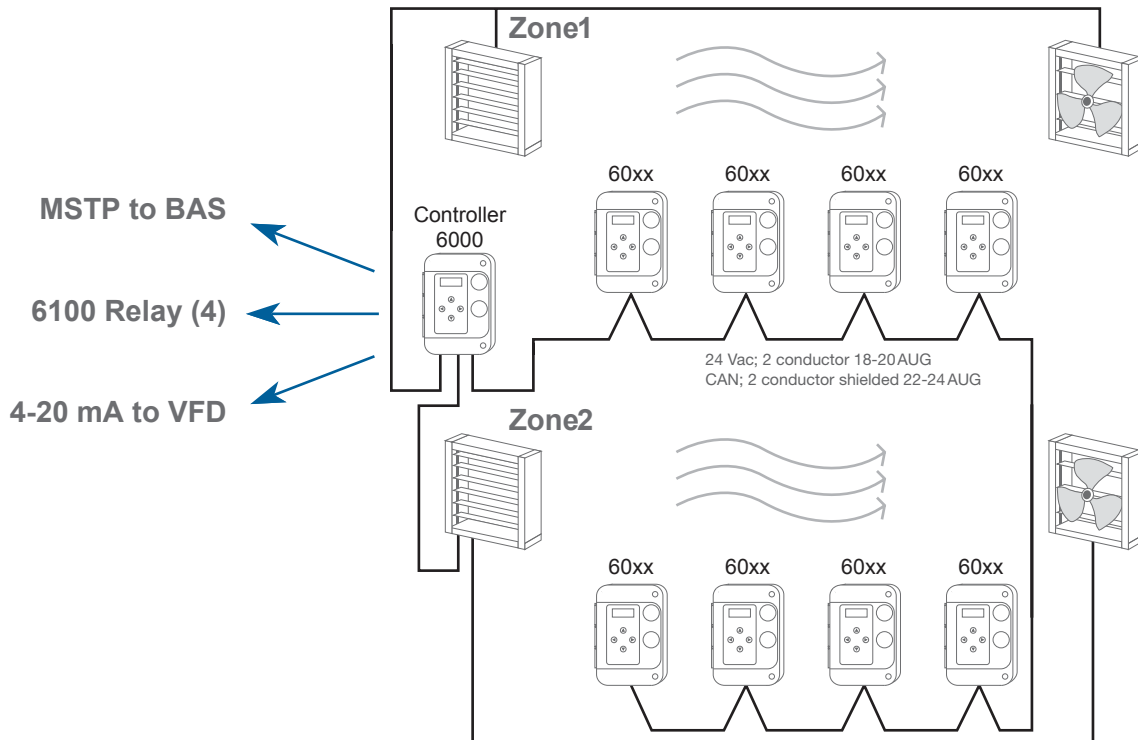
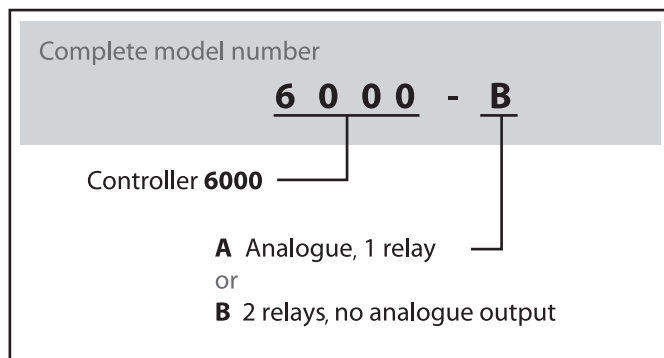
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Specifications:

- Supports up to 31 series 60xx gas sensors
- Supports BACnet baud rates 9600, 19200, 38400, 76800
- BACnet communication diagnostics
- Supply 24 vac 50/60 hz (17-28 vac) 0.21 amps, 5 va
- Operating temperature -20 °C to 50 °C (-4 °F to 122 °F)
- Operating humidity 15-90% R4, non condensing
- For indoor use
- Flame resistant Polycarbonate ABS enclosure rated UL94, V0, 5VB, and 5VA
- Relays (1 or 2) SPDT, 5 amp @ 125 vac, non-inductive
add model 6100 Relay unit (+4 relays)
- Standards; Conforms to UL61010-1,
CSA C22.2 61010-1-12, ANSI/ISA 61010-1,
CSA C22.2 no. 205-12
- Analogue outputs 4-20 ma or 2-10v (model 6000-A)
- Dimensions; 7.7 in. (19 cm) high, 4.8 in. (12 cm) wide, 1.9 in. (5 cm) deep.
- Weight ; 420 grams, 0.93 lb
- Enclosure ABS UL-94-V0, UL-94 - 5VA, Nema 4
- Electrical conduit entries; 0.875 inch, two on top, two on bottom one in rear

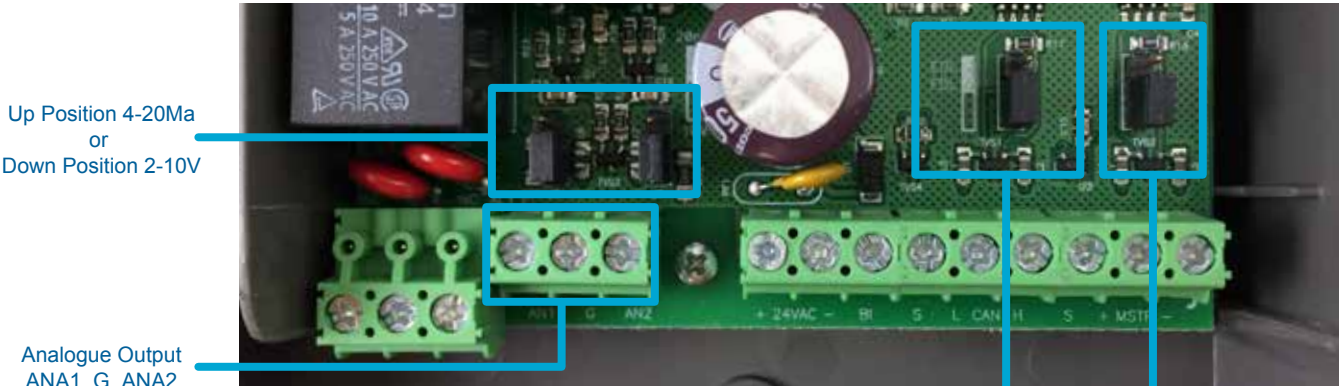


Built in variable speed drive controls can initiate drive based on fixed gas concentration ranges. It can also regulate the drive speed via analogue outputs by integrating the gas concentration readings from the remote sensors, in a specific group.



CONNECTIONS

Model 6000-A



Model 6000-B

