

DE-3000 COMS Kit

ACM-4000 Upgrade Kit for DE-3000 Systems

- Enables advanced data logging, trending, and Modbus TCP/IP connectivity.
- Improves system security and reliability with keypad lockout capability.
- Provides a 7" high-resolution touchscreen for intuitive operation and visualization.
- Allows CAT engine communication.
- Installs easily using a magnet-mounted DIN-rail assembly with pre-wired power and communications.
- Retains the proven DE-3000 control platform trusted in engine and compressor applications.

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The DE-3000 COMS Kit upgrades existing Altronic DE-3000 Engine and Compressor Control Systems to include the data logging and trending, advanced communication, data visualization via Altronic Web Interfaces (AWIs), and security capabilities of the ACM-4000 platform. This upgrade integrates seamlessly by adding an ACM-4000 with a 7" touchscreen display into a DE-3000-based panel. It provides a modernized interface, secure operator access, and enhanced data insight—all while preserving the reliability and proven control logic of the DE-3000.

By combining the DE-3000's robust engine and compressor control functions with the ACM-4000's modern network and display technology, this kit allows operators and technicians to view, log, and trend system data in real time through an intuitive web-based interface. The included Security Plate Kit ensures protection against unauthorized adjustments to DE-3000 parameters, making it ideal for regulated and mission-critical installations.

For ordering information, contact your local distributor and/or Altronic Sales at sales@altronic-llc.com.



To Order

DE-3000 COMS Kit 620024

General Specifications

DE-3000 COMS KIT SPECIFICATIONS

Compatible Systems

- Existing Altronic DE-3000 Control Systems

Included Components

- ×1 – ACM-4000 with integrated power supply and magnetic DIN-rail mount
- ×1 – 7" touchscreen display with HDMI and USB connectivity
- ×1 – DE-3000 security plate and hardware for keypad lockout
- ×1 – Cable kit (6' USB, 6' HDMI, power cable)
- ×1 – Mounting template for display installation

Communication

- Modbus RTU (RS-485)
- Modbus TCP/IP support (Default IP: 98.102.65.175)

Display

- 7" color touchscreen with customizable DE-3000 AWI Dashboard

Data Management

- Real-time data logging and export capability
- Trend chart configuration and channel highlighting
- Separate "standard" and "security" dashboards for operator control

Power Requirements

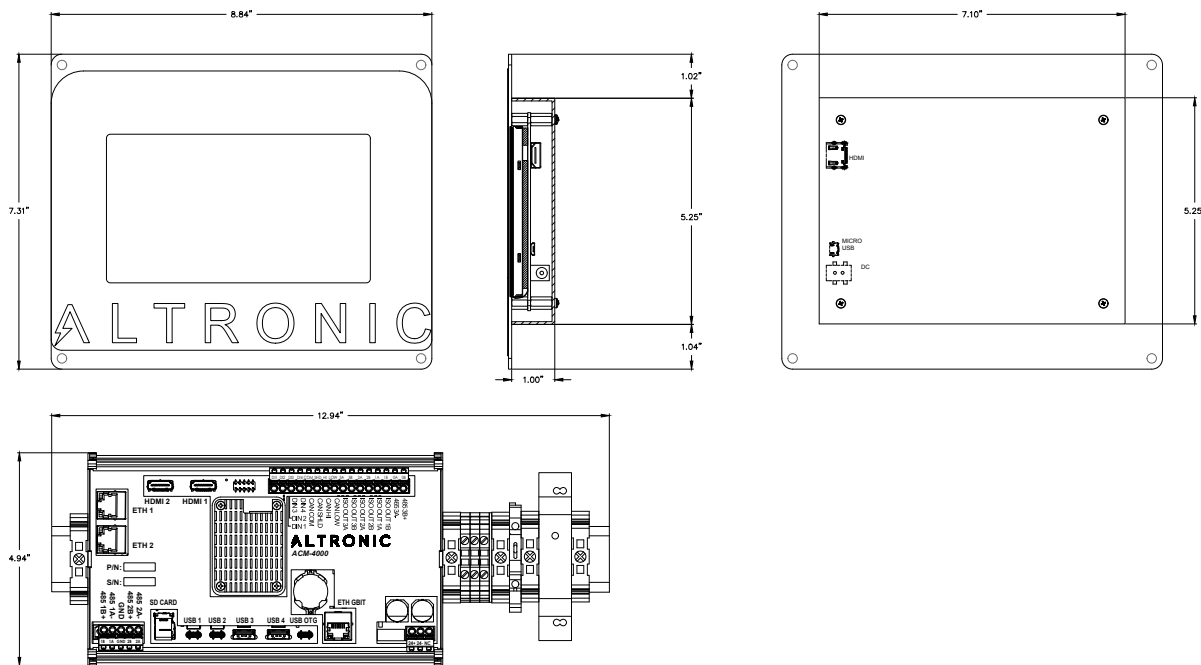
- Customer-supplied 24 VDC to DIN-rail assembly
 - 24 VDC provided to DIN-rail assembly powers the ACM-4000
 - Integrated 24 VDC to 12 VDC power supply (pre-wired) powers the 7" touchscreen display

Security Features

- DE-3000 keypad lockout via security plate
- Software-based access control through secure dashboard configuration

NOTE: For full ACM-4000 specifications, refer to the ACM-4000 Brochure.

Dimensions



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