

**Linear** ACCESS<sup>®</sup>

# AM-3

## Access Controller for up to Four Doors/Gates



- Accepts Up to Eight Receivers, Keypads, and/or Card Readers.
- Four General-Purpose Form "C" Relays for Main and Auxiliary Control Functions
- Networkable — Up to Eight Controllers and 256 Doors or Gates
- Multiple Input/Output (MIO) Interface Module for Monitoring/Control of Additional Points or Elevator Control
  - Lockable Plastic Enclosure for Indoor Use
- Optional NEMA 3R Enclosure for Outdoor Mounting

The AM-3 multi-portal access controller has four built-in general purpose (form "C") relays. Each can be configured for open/close. Any one can be used for the control relay and the others for a myriad of auxiliary control functions, including activation of safety edge reverse, external lighting, or alarm shunting. In addition, the AM-3 supports *request to exit* and *door status* monitoring for each relay. All relay contacts have extensive RFI, ARC, and lightning suppression.

For local computer communications, the AM-3 has an RS232 port. For remote programming, it has an optional plug in modem (ACM-1). Linear's AccessBase 2000 software allows you to network up to eight controllers (AE-1000, AE-2000, or AM-3) via an RS-485 connection and/or eight different dial-up locations via modem for a total of 256 doors or gates.

The AM-3 is supplied in a lockable plastic enclosure designed for indoor use. For outdoor mounting, an optional NEMA 3R enclosure (Model CAB-3) is available. Another option is a Multiple Input/Output (MIO) interface module, which is for monitoring and control of additional points. It can also be used for elevator control.

## General Specifications

### ACCESS CONTROL

**32 Validation Groups (Security Levels):** Validation Groups let user allow or deny access based on date/time (Time Zones), door (Door Schedule), or floor (Floor Schedule); 32 Time Zones, 32 Door Schedules, 32 Floor Schedules

### OUTPUTS

**Relay:** four form "C" relays; all can be configured for open/close; all relay contacts have extensive RFI, ARC and lightning suppression

**RS232:** for local computer communications — 33.6 Kbps

### DISPLAY

**Front Panel:** two 8-segment LED displays for system configuration, status and troubleshooting

### INPUTS

**PBUS:** three sets for connecting up to six proprietary addressable devices

**Wiegand:** two sets of Wiegand inputs for connecting 26, 30, or 31 bit Wiegand devices; each Wiegand input supports two LEDs

**Request To Exit:** four normally open inputs; each input assigned to specific relay

**Door Status:** four normally closed inputs used to monitor the status of the device connected to the relay for a forced door/propped door alarm; supports auto-relock once the device is restored

**Access Buttons:** four pushbuttons used to manually control each of the four relays

**Tamper:** N/C tamper switch activates any time cabinet is opened

**LEDs:** for status, and troubleshooting

### POWER

12/24 VAC or VDC; 16 VAC transformer included

### OPERATING TEMPERATURE

-22° to +149°F

### DIMENSIONS

11.5 in L x 4 in W x 12.5 in H (292 x 102 x 318 mm)

### MEMORY

10,000 users; each can have keypad, entry code, card or transmitter; 20,000 event transaction log; data stored in field upgradeable FLASH memory

### CLOCK/CALENDAR

Built-in 24-hour clock/calendar with battery back-up and daylight savings adjustment

### CONNECTIONS

All connections grouped together in neighborhoods for ease of installation and maintenance

### ENCLOSURE

Plastic cabinet suitable for indoor use; secure with lock/key (included) or screws

### STANDARD EQUIPMENT

AM-3 four portal access control system accepts up to eight receivers, keypads, and/or card readers as inputs

### OPTIONAL EQUIPMENT

**ACM-1:** plug-in 33.6 Kbps modem for remote (dial-up) communications.

**MIO Interface Module:** multiple input/output modules for monitoring and control of additional points; can also be used for elevator control (call for availability)

**CAB-3:** NEMA 3R enclosure for mounting the AM-3 outdoors



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