



ACULOCK™

- Adapts to 12 or 24 Volt Coils
- Software Driven to match all Fire Codes
- Tri-color LED status indicator
- Small size mounts internal to the lock
- Built in Fire Alarm hardware over ride
- Audible alarm on board
- Built in magnetic operated switch
- Expansion port for special functions
- Microchip 12F series controller
- Terminal Blocks for simple field wiring



FUNCTIONAL DESCRIPTION

ACULOCK™ is a low cost microprocessor controller that provides enhanced functionality for standard electro-magnetic door locks. The microprocessor allows the ACULOCK™ to be customized to meet all functional and building code requirements. Applications such as delayed egress and secure door access are easily handled.

The module includes a magnetically operated switch that can be used to detect the position of the door. This can be used for applications such as delayed egress and security monitoring of the door.

A tri-color LED indicator and an audible alarm are available for local status alert. A dry contact switch is provided for remote alert.

An option port is provided to allow interface with more sophisticated applications such as building control systems, internet/network access, RF controllers and card readers.

The ACULOCK™ is configured to operate with systems that have 8-32VDC available. Most electro-magnetic locks are configured for either 12 or 24 VDC operation. In most applications the ACULOCK™ can be mounted inside the locks control cavity by replacing the OEM electronics.

The ACULOCK™ is designed and manufactured in the USA. Support including customer service and customized software is readily available. Free software and custom design are available to qualified OEM customers. Code support is available at no charge to all developers.