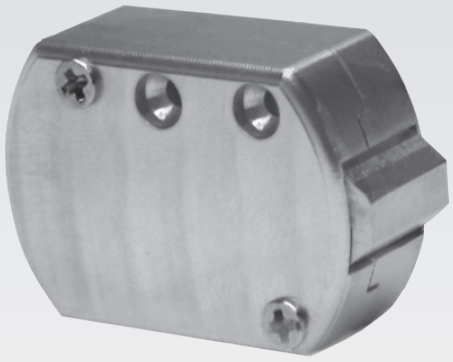
SPECIALTY LOCKS



AL3

ELECTROMECHANICAL ACTIVE LATCH

Energy
180mA[1], 3.3-6.5VDC

Durability
1,000,000 Operations

Mode
Field-Selectable
Fail-Secure & Fail-Safe

Warranty
1 Year Limited Warranty

[1]Peak at 6.5VDC

Compact, low power electronically controlled clutch mechanism.

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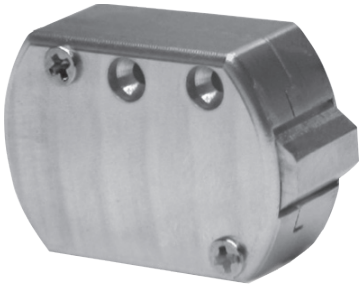

Dimensions
1-1/4"W x 7/8"H x 1/2"D
(31mm x 21mm x 12mm)

The AL3 forms the electro-mechanical heart of an electronic lock or access control system. Instead of a solenoid or motor, the active latch mechanism delivers responsive electronic control with ultra-low power consumption.

Features

- An extremely compact integrated mechanism, ready to be implemented into a range of applications
- Instead of a solenoid or motor, the active latch mechanism delivers responsive electronic control with ultra-low power consumption
- Easy to integrate into a range of modern lock systems
- Durable and reliable with only a few moving parts, the mechanism operates for more than 1 million cycles
- Exceeds the requirements of the ANSI and BSI
- The compact design fits into door leaves and standard hole size, ideally suited for lockers and cabinets
- Ideally suited where space constraints and power is crucial in the design
- Extended battery life significantly reduces maintenance costs and improves reliability
- Virtually silent activation permits very discrete operation of the lock

Options

T-Toggle Mode:

- Will toggle between a locked and an unlocked state for every signal sent to the trigger wire. With 3.6VDC applied all of the time, a contact closure between the trigger wire and ground will cause the AL3 to change states. I.e. go from locked to unlocked or vice versa.

Applications

- Buildings
- Hotels
- Lockers
- Cabinets

Specifications

Voltage	Current	Duty
3.3-6.5VDC	180mA[1]	Continuous

[1]Peak at 6.5VDC

How To Order

	Options
AL3	T – Toggle Mode

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