

Lock Depot Inc

RCI MultiMag Installation Guide

MultiMag Series Overview

The MultiMag 8310, 8320, and 8371 series represents next-generation maglock engineering for single and double-door access control. These units offer integrated status monitoring and door position feedback.

Wiring Configuration

- **Single-Door Installation:** 12/24VDC positive to magnet coil, negative to return line. LED indicator connects to sense circuit for status indication
- **Double-Door:** Install secondary maglock with synchronized relay on main control circuit. Ensure both units energize simultaneously
- **LED Status:** Red indicates power present, green indicates locked status. Color-coded terminals prevent reversed polarity damage

Sensor Integration

Bond sensors detect armature engagement - critical safety feature preventing magnetic coil overheating. Door position switches provide feedback for audit trails and scheduling. Wire all sensors back to control panel or local contact closure interface.

Best Practices

- Mount bond sensor within 1/8" of frame to ensure reliable engagement detection
- Secure all wiring in conduit away from power lines to minimize EMI
- Test all circuits with door-hold-open before final installation