

Lock Depot Inc

Dynalock Maglock Installation & Wiring Guide

Overview

Dynalock electromagnetic locks provide secure access control for commercial and residential applications. The 2013/3013 series represents industry-leading holding force and reliability for high-traffic entrances.

Mounting Configurations

The 2013 series supports both Z-bracket and L-bracket mounting options. Z-bracket provides standard top-of-door mounting, ideal for most installations. L-bracket offers side-mounting for frameless glass doors. 3013 series includes heavy-duty reinforced construction for demanding environments.

Wiring Specifications

Dynalock locks operate on 12VDC or 24VDC power. Use 18 AWG wire minimum for runs under 100 feet; 16 AWG for longer runs. Connect power and release signal to integrated screw terminals. Include 24V transformer for AC-powered installations. Always install a rectifier diode across the coil to protect electronic controllers.

Holding Force Ratings

600 lb holding force (2013 base model), 1200 lb (3013 standard), 1500 lb (3013 reinforced). Ratings assume proper mounting on solid wood or steel frames. Verify frame integrity before installation.

Maintenance

Inspect magnet face quarterly for ferrous debris accumulation. Clean with dry cloth. Test holding force annually using calibrated scale. Check wiring connections for corrosion in high-humidity environments.