

MagForce 390+

High Security Lock



The 390+ surface mounted electromagnetic lock is ideal for high security applications. Its modular design employs a standardized circuit board with easy-to-install connectors, adjustable mounting brackets, integrated mounting screws, and slide-in architectural finish plates. A new armature housing holds the armature in place, eliminating the noise and sagging known with armatures, increasing the overall reliability of the product. The armature housing also provides an aesthetically pleasing look over traditional armature mountings, blending into the surrounding environment more easily. Finally the armature housing holds the magnets for the DSM option without having to mount an additional plate to the armature, ensuring quicker, more reliable installations.

Applications. The 390+ is available for single, inswinging or outswinging, hollow metal, aluminum, and wood doors and frames and glass doors. The 392+ is available for pairs of hollow metal, aluminum, and wood doors and frames and glass doors without a mullion. The 391+ with split armature is used with pairs of hollow metal, aluminum, and wood doors and frames without a mullion. A 12V Powermiser (PWM) option with 1200 pounds of holding force is also available for limited power applications. All models easily interface with electronic access control systems, automatic door operators and fire or other hazard sensing systems for egress and emergency egress.

Certifications. The 390+ exceeds ANSI/BHMA A156.23 Grade 1 standards with 1650 pounds of direct holding force, is UL listed as an auxiliary lock for a 3 hour fire-rated opening and for burglary resistance.

Configurations

- 390+** (Single) for hollow metal, aluminium or wood doors and frames and glass doors
- 392+** (Double) for pairs of hollow metal, aluminum or wood doors and frames without a mullion, and pairs of glass doors
- 391+** (Split Armature) for pairs of hollow metal, aluminum or wood doors and frames without a mullion

Lock Body Dimensions

390+/391+	H: 2-3/4"	W: 10-1/2"	D: 1-11/16"
392+	H: 2-3/4"	W: 20-5/8"	D: 1-11/16"

Holding Force

390+ (Single)	1650 pounds
392+ (Double) each side	1650 pounds
391+ (Split Armature) each side	825 pounds

Electrical Specifications

INPUT VOLTAGE	12 or 24 VDC
CURRENT DRAW	.67A @ 12 VDC, .35A @ 24 VDC

1650 lbs
Holding Force



5 Year Limited Warranty



MEA
11-95-E

390+ Suggested Architectural Specification:

Locks shall be field selectable dual voltage 12/24 VDC 390+ Series electromagnets manufactured by Locknetics or approved equal. Locks shall meet ANSI/BHMA A156.23-1992 Grade 1 highest classification criteria including a minimum holding force of 1650 lbs., residual magnetism within one second of 4 LBF maximum and inductive kick-back not to exceed 53 volts peak. Locks shall be powered by filtered and regulated UL Listed power supplies, installed and wired in accordance with manufacturer's installation instructions. Failure to supply specified power supplies may void warranty. Locks used on labeled fire door assemblies shall be UL 10C Listed as auxiliary locks, rated for A-label openings and for burglary resistance. Where scheduled, locks shall be equipped with concealed sensors to monitor lock status and door status. Locks shall be surface mounted and where scheduled include housing covers the full width or height of the opening. Two electromagnets for pairs of doors shall be mounted in a common housing. Housings shall not project more than 2-3/4 inches into the door opening. Locks shall be furnished with an adjustable mounting bracket for accurate installation. Locks shall be furnished with an integral circuit board with terminal strip for accurate wiring. Locks for inswing doors shall be provided with a top jamb bracket with no exposed screws or fastening devices. Where required, provide mounting accessories including filler plates, angle brackets, glass door brackets, inswing door adapter brackets etc. for proper installation with all types of door and frame assemblies according to manufacturers recommendations. Locks shall carry a manufacturers warranty of not less than five (5) years.