



## M490/M492

### High Security Series Electromagnetic Lock

#### Overview

The M400 Series line of electromagnetic locks from Schlage are designed with the customer in mind to be robust, easy to install, and secure. The new bayonet mounting feature makes installs easier, allowing the installer to have their hands free during the mounting process. There is no need to consider door handing as all the M400 Series electromagnetic locks are both non-handed and symmetrical, allowing optimum placement of the magnet no matter the application.

All M400 Series locks have automatic voltage sensing for 12 and 24 volts along with polarity protection to make wiring less complex. The M490 is tested and certified to meet or exceed UL1034 680kg hold force requirements.

The M490 electromagnetic lock comes in two configurations to meet your specific security needs. The M490 provides basic security, while the M490P, which is our standard option, provides intelligent sensing and reporting features needed to integrate with access control systems. Additional options are available for the M490P. Kits are available for top jam, double door, and glass door applications.



#### Features

- Bayonet mount makes installation simpler by not requiring magnets to be held overhead while mounting screws are installed
- New design allows for RH/LH configuration in the field
- Armature mount allows armature to pivot compensating for slight opening imperfections
- Limited Lifetime Warranty
- UL1034 certified
- 680kg Hold Force

## ADDITIONAL FEATURES

### M490/M492

- **Automatic Voltage Selection (AVS)** senses the voltage applied to the lock and responds accordingly

### M490P/M492P

- **Magnetic Bond Sensor (MBS)** monitors the strength of the bond between the lock and armature so you know the door is secure
- **Door Position Switch (DPS)** monitors whether the door is open or closed
- **Relock Time Delay (RTD)** provides a relock delay that is adjustable from 0.5 to 30 seconds

#### Optional

- **Anti-Tamper Switch (ATS)** provides an indication that the cover of the magnet is securely fastened to the lock and that the on board circuitry is secure
- **MBS Indicator (LED)** provides visual indication of magnetic bond at the lock

M490/M492 Electromagnetic Lock Specifications		
Specification	M490/M490P	M492/M492P
<b>Holding Force</b>	meets or exceeds 680kg	680kg per door leaf
<b>Input Voltage (Standard Unit)</b>	12/24 VDC	
<b>Current Draw (Amps Standard Unit)</b>	.65A @ 12 VDC .35A @ 24 VDC	1.3A @ 12 VDC .7A @ 12 VDC
<b>Automatic Dual Voltage</b>	12/24 VDC	
<b>Height</b>	76mm	76mm
<b>Length</b>	318mm	637mm
<b>Width</b>	44mm	44mm
<b>Weight (approximate)</b>	6.3kg	12.7kg
<b>Certifications</b>	UL1034, UL10C, ANSI/BHMA156.23	
<b>Temperature</b>	0°-49° C	
<b>Wire Gauge</b>	14-22 AWG	

## OPTIONS (for all)

- Herculite Door Bracket
- Top Jamb (inswinging doors)

