



MODEL SAM MAGNET	A	B	C	MODEL SAM STRIKE	A	B	C
	10.85	1.5	1.187		10.85	1.45	1.4

ELECTROMAGNETIC LOCK – SAM

Features

- 1,200 pounds of shear holding force
- Lifetime replacement warranty
- Power consumption of 320mA @ 12VDC & 170mA @ 24VDC – 4 Watts
- Automatic dual voltage, 12 VDC or 24 VDC, no field adjustment required
- Instant release circuit, no residual magnetism
- Fully sealed electronics, tamper proof & weather proof
- Mounted using steel machine screws into blind finishing nuts
- Ten feet of jacketed stranded conductor
- Lock and strikes plated to provide corrosion resistance
- Fail Safe
- UL listed

Options

- Bondstat Form 'C' – Instantaneous lock status sending without the use of auxiliary switches or reed relays
- DPS Door Status – Integrated door reed switch w/ built in resettable polyswitch
- Surface Mount – Kits for surface mount of lock and strike



ELECTROMAGNETIC LOCK – Model SAM (cont'd)

Operating Temperature

-40 to 60C [-40 to 140F]

How to Order

<u>Part Number</u>	<u>Product Description</u>
SAM	Shear Aligning Maglock
SAMB	Shear Aligning Maglock, Bondstat
SAMD	Shear Aligning Maglock, Door Position
SAMBD	Shear Aligning Maglock, Bondstat, Door Position
SMLS	Surface Mount Lock Housing
SMSS	Surface Mount Strike Housing

ARCHITCTURAL SPECIFICATION – Electromagnetic Lock Model SAM

2.x MAGNETIC LOCKS

- A. All electromagnetic shear locks shall be manufactured by Securitron Magnalock Corp., Sparks, NV, an ISO 9001 certified manufacturer.
- B. Lock shall be of the self aligning magnetic shear type suitable for mortise mounting.
- C. Locks shall be capable of providing a shear or tensile holding force of at least 1,200 pounds. A laboratory test certifying the minimum holding force shall be submitted by the manufacturer upon request.
- D. Electromagnetic locks shall have a lifetime replacement warranty.
- E. Locks shall be dual voltage with no field adjustment necessary to select voltage.
- F. Locks shall not consume more than four (4W) watts of power (320mA @ 12VDC) and (170mA @ 24VDC).
- G. Locks shall not exceed 15 cubic inches (9 inches x 1.5 inches x 1.1 inches) in size.
- H. Locks shall be fully sealed in resin to provide tamper and weather proofing.
- I. The lock shall be self contained with no external circuit board and will self align into the locked position when the door closes without the need for door position sensing or timers.
- J. The lock shall not be position sensitive: it may be mounted at the tip or side of the door and will operate on single or double acting doors.
- K. Ten feet of jacketed stranded conductor shall be provided for electrical connection.