



# SAM

## 1200lbs Shear Aligned Magnalock®

### Hidden Strength at Any Angle for Any Application

This concealed Magnalock is ideal for traffic control or medium security and with its flexible mounting options solutions the most challenging door control situations. The SAM Shear Aligned Magnalock has mounting options for a single door or each leaf on a pair of doors and can be one a sliding, in-swing, out-swing or swing-through door. It mounts fully concealed into wood, steel, aluminum or Herculite doors in any position: at the header, door edge or threshold.

#### PRODUCT FEATURES

- Recessed for aesthetically appealing finish
- Fully sealed for weather-proof operations
- 10 ft. [3.05m] of jacketed, stranded conductor cable
- Automatic dual voltage - no field adjustment required
- Instant release circuit - no residual magnetism
- Noise suppression with included MOV
- Efficient, low power usage
- Rust resistant - All ferrous metal surfaces plated for durability
- MagnaCare Lifetime Replacement No Fault Warranty

#### PRODUCT OPTIONS

- (B) BondSTAT magnetic bond sensor - Patented (MBS)
- (D) Integrated door position switch (DPS)

#### SPECIFICATIONS

- UL 10C Listed
- CAN4-S104, CAN/ULC-S533 Listed
- ANSI/UL 294 Listed
- ANSI/BHMA A156.23, Grade 1; E08561-1000, E08571-1000, E08581-1000, E08591-1000
- CSFM - California State Fire Marshal Approved
- CE: EN 50081-1(92), EN 61000-6-2(99) Approved
- US Patents: 6,007,119; 6,135,515; 8,094,017
- Foreign Patents: AU:741,880; China: ZL98809925.X; EU: 1,021,633

**Holding Force:**  
1200lbs [544kg]

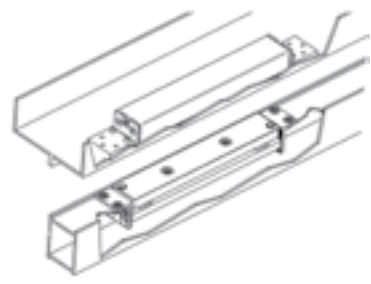
**Dimensions:**  
Magnalock: 10-7/8" L x 1-3/16" D x 1-1/2" H  
Strike: 10-7/8" L x 1-7/16" D x 1-1/2" H

**Electrical:**  
320mA at 12VDC  
170mA at 24VDC

**Operating Temperature:**  
-40 to +140F [-40 to +60C]  
Indoor or Outdoor use  
Not for use in open channel doors

**Shipping Weight:**  
6lbs [2.72kg]

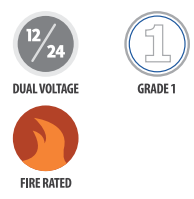
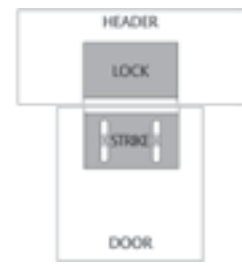
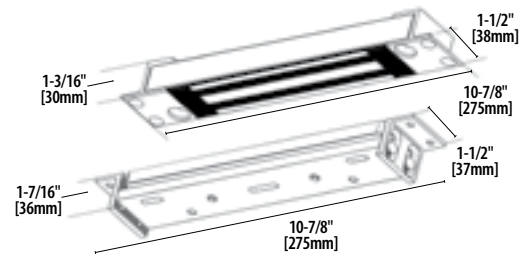
**Finishes:**  
US32D/630 - Satin Stainless Steel Finish



#### MODELS

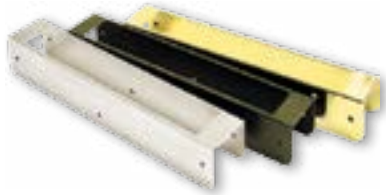
PART #	Description
<b>SAM</b>	Shear Magnalock - 12/24VDC, Self Aligning
<b>SAMB</b>	Shear Magnalock - 12/24VDC, Self Aligning, MBS
<b>SAMBD</b>	Shear Magnalock - 12/24VDC, Self Aligning, MBS, DPS
<b>SAMD</b>	Shear Magnalock - 12/24VDC, Self Aligning, DPS

*For flexible mounting brackets, see page 39.*



# ACCESSORIES

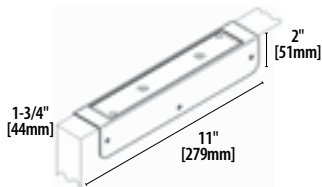
## SAM



### SWB » SAM WOOD BRACKET

- SAM Wood Door Bracket provides additional strength and protection for the SAM strike plate in wood door applications
- MagnaCare Lifetime Replacement No Fault Warranty

» MODELS	PART #   Description
SWB-03	SAM Wood Bracket - Brass Polished
SWB-10B	SAM Wood Bracket - Oil Rubbed Bronze
SWB-26D	SAM Wood Bracket - Satin Stainless



SMSS

### SAM SURFACE MOUNT KIT

- For specialty applications
- Permits the SAM magnet, strike or both to be surface mounted when mortising is not possible
- Stainless Steel
- MagnaCare Lifetime Replacement No Fault Warranty

» MODELS	PART #   Description
SMLS	Surface Mount Housing Lock - Shear
SMSS	Surface Mount Housing Strike - Shear



# TECHNICAL SUPPORT

## Better Technical Service to Serve You

### The technicians in our Technical Services Department are more than experts on Securitron products

Customer care means technical expertise from field integrators and product experts, who understand that an installation may require knowledge beyond Securitron products. We can help you configure complete, stand-alone door access control with other products, or for ASSA ABLOY Group brand products. Our technicians can provide guidance on components that complement an enterprise level online access control or security system.

Upon request, in a timely manner, and 100% free of charge, we are happy to supply you with the tools necessary to complete a job well done, including:

- Wiring Diagrams
  - › Application specific
  - › Point-to-point
  - › Riser
- Sales assistance
- ASSA ABLOY product details
- Access control configuration
- And more...

From locking products, to access control accessories and the products that power them, Securitron is a one-stop source for products, sales assistance and technical support.

Contact us at [techsupport@securitron.com](mailto:techsupport@securitron.com) or 1.800.MAGLOCK