



SAM

1,200 lbs 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 on 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:
1,200 lbs [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:
320 mA at 12 VDC
170 mA at 24 VDC

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

Shipping Weight:
6 lbs [2.72kg]

Finishes:
US32D/630 - Satin Stainless Steel Finish

MODELS

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

For flexible mounting brackets, see page 39.

