

MSS Series

Swing Barrier with High Reliability and Performance

OVERVIEW

The MSS single lane automatic swing barrier is a compact and elegant cost-effective component of an entrance control system designed for restricting access to secured areas. Its unique electronic architecture allows the users to pass through the lane safely and quickly.

MSS is designed for smooth and silent operation and draws very little power. The powder coated cold rolled steel body makes it suitable to match all types of decors, perfect for an office building or store entrance. The acrylic barrier is available in two sizes, a standard pedestrian lane and an ADA-compliant width, making your array suitable for the space.

MSS can be triggered by an external signal from an access control system to swing open the acrylic barrier. It also has sensors to detect the presence of the person passing through the lane and can be programmed to open automatically upon exit.

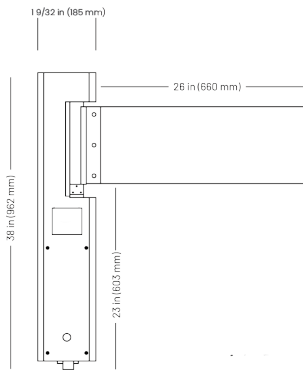
FEATURES

- Cold rolled steel cabinet with option of powder-coated color finish
- Installers have the option to selectively enable or disable the locking mechanism in entry and/or exit directions through a setting on the pedestal.
- Barrier arm can be pushed open in the direction of egress with less than 5 pounds of force when the locking mechanism is disengaged.
- When connected to the Fire Alarm System the barrier will open and remain open in the direction of egress to allow users free exit during fire emergencies.
- During complete power loss the gate barrier will go slack and will be free to open with the push of a hand. If code required, systems can be set to open the barrier in the direction of egress in the event of a power outage.
- Motion sensor is positioned for wheelchair detection.
- Choice of clear Acrylic barrier (standard), or speed bar (metal hoop/clip).

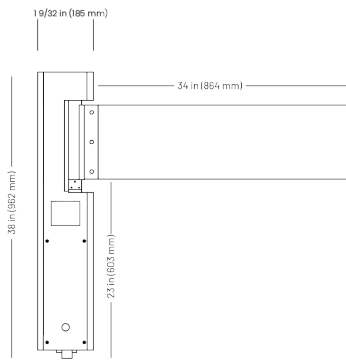
SPECIFICATIONS

- Power Supply** 24V DC 1.5A (typical)
- Temperature** 32°F to 104°F (0-40°C)
- Power Consumption** 9W (standby), 30W (operation)
- Operating Humidity** 5% - 80%
- Working Environment** Indoor/Outdoor *if sheltered for climate & weather*
- Casework Material & Barrier** Cold rolled steel
- Gate Dimension (LxWxH)** 41" (1064mm) x 7" (185mm) x 38" (962mm) standard
- Lane Width** 32" (660mm) or 36" (864mm) meets ADA-compliance
- Gate Weight** 57.3 lbs. (26kg)
- Package Weight** 99.2 lbs. (45kg)
- Gate Dimension w/ Packaging (LxWxH)** 44.1" (1120.14mm) x 14.2" (360.68mm) x 17.3" (439.42mm)

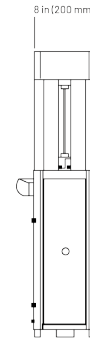
DIMENSIONS




MSS with Standard Barrier



MSS with ADA Compliant Barrier



CERTIFICATIONS

| EUROPE | | USA & CANADA | |
|----------------------------------|--|---|---|
| Machinery Directive (2006/42/EC) | EN ISO 12100, EN ISO 13857, EN ISO 13849-1, EN ISO 13849-2, IEC/EN 60335-1, IEC/EN 60335-2-103 | EMC | FCC part 15 Subpart B, ICES 003 |
| Equipment Directive (2014/53/EU) | | Safety | UL 325, UL 2593, UL 991 |
| Article 3.1(a)(Health & Safety) | EN 62479 & Standards covered by Machinery Directive | Radio | FCC ID: G9B-305015, IC ID: 4880A-305015 |
| Article 3.1(b)(EMC) | ETSI EN 301-489-1, ETSI EN 301-489-3, EN 55035, EN 55032, EN 61000-3-2, EN 61000-3-3 |  | |

| MODEL NUMBER | DESCRIPTION |
|------------------------------------|---|
| MSS ENTRY- Long <i>MSS-ADA-EN</i> | MSS without doppler sensor & long barrier (ADA width compliant) |
| MSS ENTRY- Short <i>MSS-STD-EN</i> | MSS without doppler sensor & standard barrier |
| MSS EXIT- Long <i>MSS-ADA-EX</i> | MSS with doppler sensors & long barrier (ADA width compliant) |
| MSS EXIT- Short <i>MSS-STD-EX</i> | MSS with doppler sensors & standard barrier |