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MS Sedco 59-HSS

MS Sedco 59-HSS 4-1/2" Square Push Plate Switch User Manual

Model: 59-HSS

PRODUCT OVERVIEW

The MS Sedco 59-HSS is a durable 4-1/2 inch square push plate switch designed for door activation. It features a stainless steel face plate and is commonly used in applications requiring a reliable "Press to Operate Door" mechanism, often associated with accessibility features like wheelchair access.



Figure 1: The MS Sedco 59-HSS 4-1/2" Square Push Plate Switch. This image shows the brushed stainless steel faceplate with a blue wheelchair accessibility symbol and the text "PRESS TO OPERATE DOOR" printed below it. Two visible screws secure the faceplate. The switch is shown from a slight angle, revealing its depth and mounting bracket on the right side.

SETUP AND INSTALLATION

Proper installation is crucial for the safe and effective operation of the 59-HSS switch. It is recommended that installation be performed by a qualified technician.

Tools Required:

- Screwdriver (appropriate for mounting screws)
- Wire strippers
- Voltmeter (for testing connections)
- Drill (if mounting to a new surface)

Installation Steps:

1. **Safety First:** Ensure all power to the door operating system is disconnected before beginning installation. Verify with a voltmeter.
2. **Mounting Location:** Select a suitable mounting location that complies with local accessibility codes and allows for easy access and operation of the switch. The switch is designed for surface mounting or flush mounting within a standard electrical box.
3. **Wiring:** The 59-HSS switch features screw terminals. Connect the appropriate wires from your door control system to the Normally Open (NO) contacts of the switch. Refer to your door control system's manual for specific wiring diagrams. The switch operates at 125 Volts.
4. **Secure Mounting:** Secure the switch plate firmly to the mounting surface using the provided screws. Ensure the plate is level and stable.
5. **Test Connections:** After wiring and mounting, re-apply power to the door operating system. Carefully test the switch operation to ensure it activates the door as intended.

OPERATING INSTRUCTIONS

The MS Sedco 59-HSS push plate switch is designed for simple and intuitive operation.

Basic Operation:

- To activate the door, firmly press the stainless steel face plate of the switch.
- The switch will momentarily close the circuit, signaling the door operator to open.
- Release the pressure on the switch once the door begins to open. The switch will return to its normally open state.

The switch is designed for a single-way circuit operation, meaning it provides a simple on/off signal to the door control system.

MAINTENANCE

The 59-HSS switch is constructed from durable materials and requires minimal maintenance to ensure long-term reliable operation.

Cleaning:

- Periodically wipe the stainless steel face plate with a soft, damp cloth to remove dust and grime.
- Avoid using abrasive cleaners, solvents, or harsh chemicals, as these can damage the finish or the printed symbols.

Inspection:

- Regularly inspect the switch for any signs of physical damage, loose mounting screws, or wear.
- Ensure the switch plate depresses smoothly and returns to its original position without sticking.
- Check wiring connections for tightness and integrity, especially if the switch is in a high-traffic area.

If any issues are observed, consult a qualified technician for repair or replacement.

TROUBLESHOOTING

This section provides guidance for common issues you might encounter with your 59-HSS push plate switch.

Problem	Possible Cause	Solution
Switch does not activate door.	No power to door system; Loose or incorrect wiring; Faulty switch; Problem with door operator.	Check power supply to door system. Verify all wiring connections are secure and correct (Normally Open contacts). Test switch continuity with a multimeter. Consult door operator manual or a qualified technician.
Switch is stuck or difficult to press.	Debris lodged in mechanism; Physical damage; Incorrect mounting.	Inspect for foreign objects and carefully remove. Check for physical damage to the plate or internal mechanism. Ensure switch is mounted flat and not warped. If issue persists, replace switch.
Door activates intermittently.	Loose wiring connection; Intermittent fault in switch; External interference.	Check and secure all wiring connections. Test switch for consistent operation. If problem continues, consult a qualified technician.

Warning: Do not attempt to repair internal components of the switch unless you are a qualified technician. Always disconnect power before inspecting or working on electrical components.

SPECIFICATIONS

Attribute	Detail
Model Number	59-HSS
Brand	MS Sedco
Operation Mode	Push Button
Operating Voltage	125 Volts
Contact Type	Normally Open
Connector Type	Screw Terminal

Attribute	Detail
Circuit Type	1-way
Actuator Type	Push Button
Contact Material	Stainless Steel, Silver, Rubber
International Protection Rating	IP54
Number of Positions	1
Shape	Square
Item Weight	1 pounds
Package Dimensions	11.73 x 8.43 x 1.57 inches
Batteries Required?	No

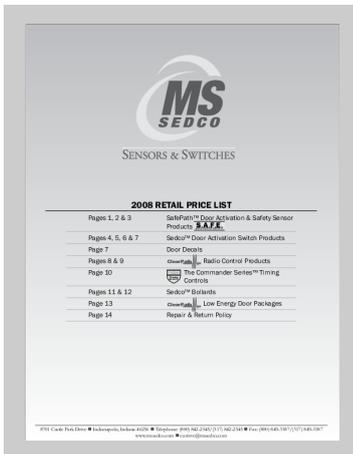
WARRANTY AND SUPPORT

For warranty information and technical support regarding your MS Sedco 59-HSS push plate switch, please refer to the official MS Sedco website or contact their customer service directly. Keep your purchase receipt as proof of purchase for any warranty claims.

Manufacturer: MICROWAVE SENSORS MS SEDCO



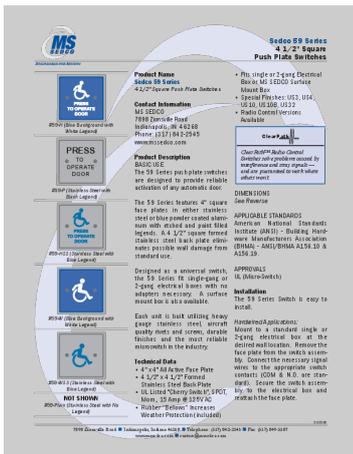
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2008 RETAIL PRICE LIST Pages 1, 2 3 Pages 4, 5, 6 7 Page 7 Pages 8 9 Page 10 Pages 11 12 Pa ... esistant bellow, wire terminal connectors and tamper-proof screws. 59 Series PRESS TO OPERATE DOOR #59-HSS 62 4 Square Stainless Steel Switches. 59-H: Blue Face Plate WHEELCHAIR/PRESS TO OPERATE DO... lang:en score:33 filesize: 1.53 M page_count: 16 document date: 2008-09-21



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59 Data Sheet 012018 Denise Diller docs MS Sedco Series jmacfiles s3 amazonaws ||| Sedco 59 Series 4 1/2 Square Push Plate Switches #59-H Blue Background with White Legend PRESS TO OPERATE DOOR #59-P Stainless Steel with Black Legend #59-HSS Stainless Steel with Blue Legend Product Name Sedco 59 Series 4 1/2 Square Push Plate Switches Contact Information MS SEDCO 7898 Zi... lang:en score:30 filesize: 295.58 K page_count: 2 document date: 2018-01-04

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Page 14	Guide Rails & Bumper Guards
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59 Series
4 1/2" Square
Push Plate Switches

Product Name: 59 Series 4 1/2" Square Push Plate Switches

Manufacturer: MS SEDCO
8700 Castle Park Drive
Indianapolis, IN 46246
Phone: 317-842-2545
www.ms-sedco.com

Product Description: The 59 Series push plate switches are designed to provide reliable activation of any automatic door.

Dimensions: 4 1/2" Square Face Plate, 4 1/2" x 2 1/2" Mount Box

APPLICABLE STANDARDS: American National Standards Institute (ANSI) - Building Hardware Manufacturers Association (BMA) - ANSI/HWMA A136.10 & A136.20

APPROVALS: The 59 Series Switch is easy to install.

Technical Data:

- 4 1/2" x 4 1/2" Face Plate
- 4 1/2" x 2 1/2" Mount Box
- Stainless Steel Back Plate
- UL Listed (UL94V-0)
- Moisture, 10 Amp @ 120V AC
- Robust "Spill-Resistant" Weather Protection (IPX1-IP66)

NOT SHOWN: 59 Series Switch with No Legend

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[MS SEDCO 59 Series 4 1/2" Square Push Plate Switches for Automatic Doors](#)

Discover the MS SEDCO 59 Series 4 1/2" Square Push Plate Switches, engineered for reliable automatic door activation. Featuring durable construction, various finishes, and easy installation for commercial and industrial applications.

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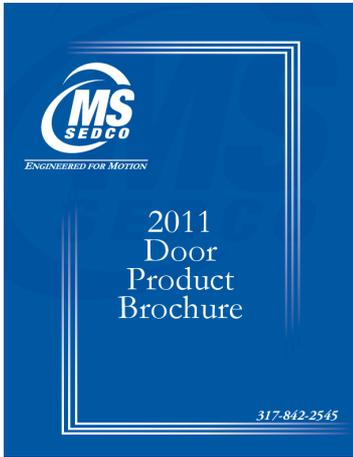
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2011 Door Product Brochure

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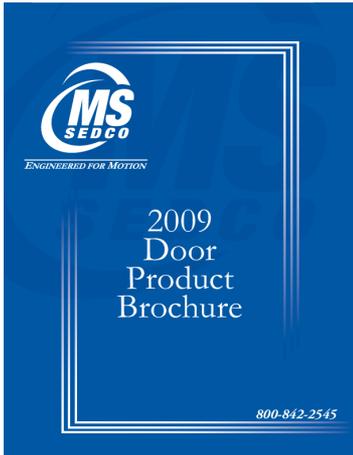


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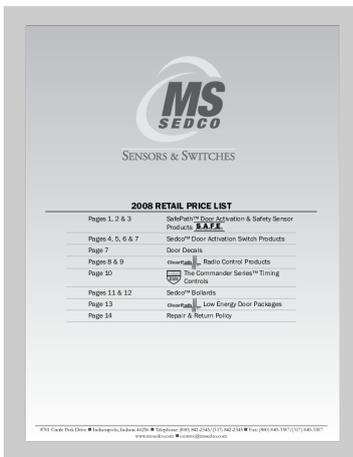


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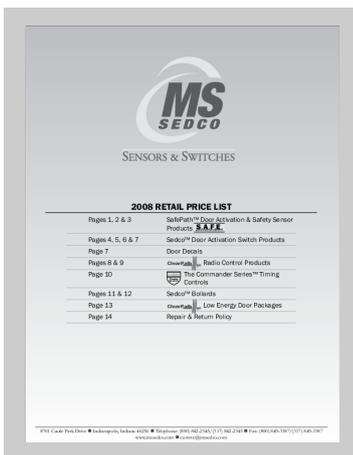
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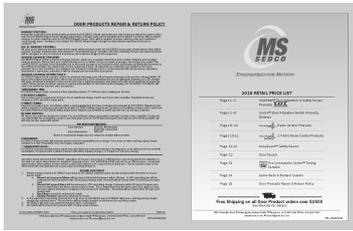
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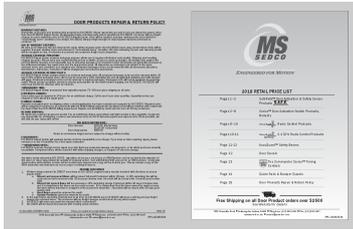


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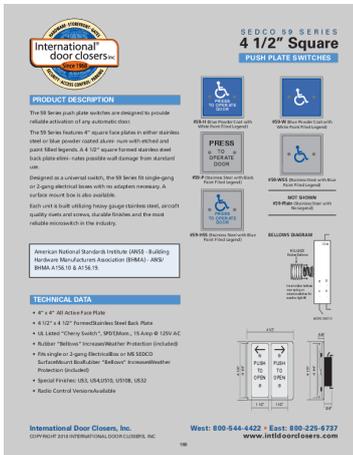


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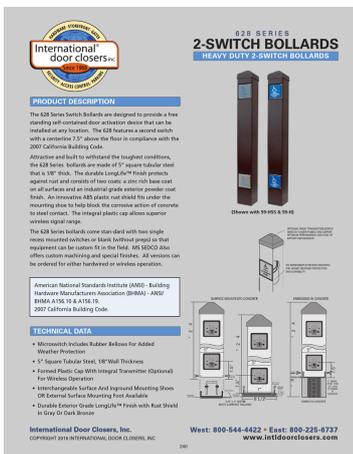
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