Harmony® Series
Integrated Wiegand Solutions
Access Control Products

Available through Authorized Channel Partners only.
Contact your local ASSA ABLOY Door Security Solutions sales consultant for details.
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Harmony Series
Typical Application

Access Control System
(By Others)

EcoFlex

EcoFlex®

EFFICIENT • FLEXIBLE • DEPENDABLE

MicroShield®

MicroShield® is a registered trademark of ASSA ABLOY Inc.

As part of their promise to provide innovative solutions to their customers, certain ASSA ABLOY Group brands offer the MicroShield® technology, a silver-based antimicrobial coating designed to inhibit the growth of bacteria. MicroShield® is a registered trademark of Yale Security Inc., an ASSA ABLOY Group company.

MicroShield® Coating

- Revolutionary finish coating available on all SARGENT product lines, utilizes a silver-based antimicrobial compound from Agion Technologies
- As an integral part of the finish coating, MicroShield® lasts for the life of the hardware
- MicroShield® coating permanently suppresses the growth of bacteria, algae, fungus, mold and mildew. It is effective against a broad spectrum of bacteria
- Non-toxic and completely safe. The Agion antimicrobial compound is EPA and NSF approved and FDA listed for use in medical and food preparation equipment.
- Applications: Anywhere there is need for a clean environment (hospitals, laboratories, schools, medical centers, daycare, food processing etc.)

GreenCircle

SUSTAINABLE SOLUTION

EcoFlex® is a registered trademark of ASSA ABLOY Inc.

As part of their promise to provide innovative, fast and effective high security solutions to their customers, certain ASSA ABLOY Group brands offer Electrolynx®, a universal quick-connect system that simplifies the electrification of the door opening.

Electrolynx® is a registered trademark of ASSA ABLOY Inc.

expérience a safer and more open world
Overview

The patented Harmony Series combines a card reader, Door Position Switch (DPS), and Request-to-Exit (REX) signaling in a sleek, pleasing design backed by SARGENT Grade 1 hardware. Harmony is available with 8200 and R8200 Mortise Lock, 10 Line Cylindrical Lock, 7000 Series Multi-Point Vertical Rod, FM7300 Multi-Point Lock configurations and a variety of 80 Series Exit Devices (Rim, Mortise and Vertical Rod). The Harmony exit devices are available UL Listed for use on fire-rated doors. The Harmony Series offers levers with similar designs and finishes for the three types of locks to create a continuity of design.

The Harmony Series products are easily integrated into a Wiegand-compatible access control system. The Harmony Series H1 uses 125 kHz HID® proximity reader technology. The Harmony Series H2 uses 13.56 MHz HID iCLASS SE® reader technology. All Harmony products offer Fail Safe or Fail Secure operation.

About ASSA ABLOY’s Authorized Channel Partner and Certified Integrator Programs

The SARGENT Harmony Series is part of a stream of new ASSA ABLOY products moving from traditional mechanical locks to being extensions of access control systems in facilities. These exciting new technology-rich products require an increase in knowledge to ensure the correct selection and implementation in various environments.

To aid our customers in this area, ASSA ABLOY has created two programs that provide the necessary training to sell, order, install and service our technology products, including Aperio®, Integrated Wiegand, IP-enabled and self-configurable intelligent components:

- The Authorized Channel Partner (ACP) program is open to resellers, who sell ASSA ABLOY’s technology products to certified integrators, and help with product selection based on the application.

- The Certified Integrator (CI) program provides hands-on training for security systems integrators and network administrators. Not only does this training familiarize certified integrator candidates with product features and applications, it also gives them valuable experience installing, commissioning, and troubleshooting the products in a real-world environment.

For more information on the qualifications for becoming an ACP or CI, contact your local ASSA ABLOY Door Security Solutions sales consultant for details.

H1 Systems

Cylindrical locks or exit devices:
- Reader draw = 150 mA
- 12VDC solenoid draw = 500 mA
- 24VDC solenoid draw = 250 mA
- 24VDC exit device (with electric latch retraction) = 600 mA during retraction, 250 mA maintained

Note: H1 reader always requires 12VDC

EcoFlex® mortise locks:
- Reader draw = 150 mA
- Actuator draw = 15 mA continuous
- Maximum (2) locks per 1 Amp power supply (500 mA peak current draw)

Note: The H1 reader requires 12VDC for power. As the lock accepts either 12 or 24V, we recommend a 12V power supply to support both the lock and reader with a single power supply.

H2 Systems

Cylindrical locks or exit devices:
- Reader draw = 150 mA
- 12VDC solenoid draw = 500 mA
- 24VDC solenoid draw = 250 mA
- 24VDC exit device (with electric latch retraction) = 600 mA during retraction, 250 mA maintained

EcoFlex® mortise locks:
- Reader draw = 150 mA
- Actuator draw = 15 mA continuous
- Maximum (2) locks per 1 Amp power supply (500 mA peak current draw)

Note: H2 reader uses 12 or 24VDC

Sophisticated Access Control Solution

- Consolidates all components into the lock
- Incorporates card reader, Door Position Switch (DPS) and Request to Exit (REX) signaling
- Eliminates reader interface modules
- Significantly faster installation time, lower installed cost and reduced disruption
- Requires only one cable run from the lock to the access control panel
- Maintains architectural integrity around the door
- Open architecture platform is compatible with all standard access control systems
- Supports industry leading credentials:
  - HID 125kHz proximity (H1)
  - HID 13.56 MHz iCLASS SE®
  - PN/PV-I (64-bit BCD, 128-bit BCD or 200-bit output)
- Aesthetically complemented by SARGENT Studio Collection and Coastal Series levers - elegant design with ANSI Grade 1 hardware offering a complete hardware portfolio, including mortise locks, cylindrical locks and rim, surface and concealed vertical rod exit trim

Common Features of Harmony Series Products

- A hard-wired platform for use with existing Wiegand compatible access control systems
- Centralized control of all locks using customer’s existing access control system
- For use on exterior doors with appropriate weatherseal gasket
- A multi-colored LED indicates card read activity and can be manually controlled by access control panel
- Audible beep sounds with card read
- UL Listed for fire doors available (12- for exit devices) **
- UL Listed for Fire Doors Certified for Canada **
- Fail Safe or Fail Secure operation
- ElectroLynx® connector system
- Monitoring is based on lock type selected
- Harmony mortise locks available with internal end-of-line resistors

Electrical Specifications

Supplied power must be filtered and regulated
- H1 and H2: Lock Solenoid 12VDC or 24VDC
- 56-H1 and 56-H2: Exit Device 24VDC
- H1: Reader always 12VDC
- H2: Reader 12VDC or 24VDC

*Any retrofit or other field modification to a fire rated opening can potentially impact the fire rating of the opening, and Sargent Manufacturing Company makes no representations or warranties concerning what such impact may be in any specific situation. When retrofitting any portion of an existing fire rated opening, or specifying and installing a new fire-rated opening, please consult with a code specialist or local code official (Authority Having Jurisdiction) to ensure compliance with all applicable codes and ratings.

Experience a safer and more open world

1-800-727-5477 • www.sargentlock.com
The Harmony Series Mortise Lock product integrates SARGENT’s 8200 and R8200 Series Grade 1 mortise lock into an existing Wiegand compatible access control system. The Harmony Series Mortise lock monitors the deadlatch as well as the latchbolt, producing SARGENT’s “Latched and Secure” monitoring. This technology incorporates the deadlatch and latchbolt position in series, ensuring that the door is closed and the latchbolt is extended.

The Harmony Series mortise product has a clean, crisp design and is available with standard levers, Coastal Series levers and Studio Collection levers with roses or Simpli™ roseless trim in 13 hardware finishes. The use of similar lever designs across product lines provides uniformity within a facility. The mortise lock strength is unsurpassed and is enhanced by the deadbolt functions which meet Detention Impact Level One for additional security.

**Mechanical Features**

- Certified ANSI/BHMA Grade 1
- 3/4” stainless steel, anti-friction reversible latch
- 1” hardened stainless steel deadbolt
- Stainless steel non-handed deadlocking latch
- Available with Studio Collection, Coastal Series, and standard lever designs. Simpli™ roseless trim also available when used with an R8200 lockbody.
- For 1-3/4” (44mm) thick door standard.
- Consult factory for other thicknesses
- Key override requires a #43 cylinder standard
- Handed lockbody, easily field reversible without opening lockbody
- Trim is through-bolted for increased security and durability
- Harmony 8200 Mortise Lock Windstorm Information
  - UL Listed per ANSI/SDi-BHMA A250.13
  - UL Certification Directory ZHEM.R21744 Latching Hardware
  - UL Certification Directory ZHLL.R21744 Windstorm-rated Assemblies
  - Listed on Florida Building Code Website: FL6728-R1
  - Listed on Florida Building Code Website: FL4351-R1
  (see Page 28 for additional information)
- Features EcoFlex® Technology
- EAC Regulatory Compliance*
  - UL294 6th Edition
  - CAN/ULC S319
  - BHMA A156.25
  - UL 294 is a U.S. system level certification. For information regarding access control system compliance, please call 800-810-WIRE

*All product lines except Latch Retraction Variants: ELR 7000, 56-80 Series

**H1 Series** Electrical Features

- Supports 125 kHz HID Proximity credentials
- H1: Lock 12-24VDC
- H1: Reader always 12VDC

**H2 Series** Electrical Features

- Supports 13.56 MHz HID iCLASS SE credentials
- H2: Lock 12-24VDC
- H2: Reader 12VDC or 24VDC

**Escutcheons**

- Solid cast escutcheons
- Operating temperature -40°F (-40°C) to 151°F (66°C)
- A multi-colored LED indicates valid/invalid entries
- Proximity Reader Projection is approximately 3/4”
8200 Series Mortise Locks
Harmony Series

Harmony Series Mortise Lock Functions

All Harmony Mortise Functions feature:
- Trim outside rigid unless unlocked electronically
- Trim inside always retracts latch and/or deadbolt
- Guardbolt deadlocks latch
- Request-to-Exit monitoring
- Door Position monitoring

Description of Functions: (see chart at right)
- Fail Safe: Power off, unlocks outside trim
- Fail Secure: Power off, locks outside trim
- Key Override: Key outside retracts latch and/or deadbolt when trim is locked electronically
- Deadbolt projected and retracted by thumbturn or key

Ordering Harmony Mortise Locks*** (Simpli™ roseless trim is specified by R82 for lock type and an R for the rose designation)

<table>
<thead>
<tr>
<th>Options</th>
<th>Series</th>
<th>Type</th>
<th>Reader/Lock Voltage**</th>
<th>Configuration****</th>
<th>Roses</th>
<th>Levers</th>
<th>Finish</th>
<th>Hand</th>
</tr>
</thead>
<tbody>
<tr>
<td>Select from pages 25-27</td>
<td>H1</td>
<td>R8274</td>
<td>12V or 24V</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Select H1 for 125 kHz prox</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Select H2 for 13.56 MHz iCLASS SE</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Example:</td>
<td>H1</td>
<td>R8274</td>
<td>12V or 24V</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

*H1 and H2 cannot be combined on the same opening.
**With H1, the reader is always 12VDC. Please select either 12VDC or 24VDC for the lock voltage. For H2, reader and lock can be either 12VDC or 24VDC.
***To order Harmony locks compatible with the Casi 5502 Format, please contact Lenel.
****For H2 only. See table below:

<table>
<thead>
<tr>
<th>Series</th>
<th>Type</th>
<th>Function</th>
<th>Reader/Lock Voltage**</th>
<th>Configuration****</th>
<th>Roses</th>
<th>Levers</th>
<th>Finish</th>
<th>Hand</th>
</tr>
</thead>
<tbody>
<tr>
<td>H1</td>
<td>H2</td>
<td>82</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>H2</td>
<td>82</td>
<td>274</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>H2</td>
<td>82</td>
<td>275</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

High Security Monitoring Options

- Internal End-of-Line Monitoring
  Integrated directly into the mortise lock, internal end-of-line resistors monitor the line from the access control panel to the lock. Typically, resistors are installed at the panel or above the door, creating vulnerability between the resistors and the locks. Incorporating resistors within the lock eliminates any risk of undetected tampering or damage, while also reducing installation costs, simplifying specifications, and offering the assurance of a factory installed and tested product.
  Select a compatible resistor configuration and add the appropriate prefix to your order string:
  - R01: Mercury and Lenel compatible 1KΩ/2KΩ resistance supervision
  - R03: Software House compatible 1KΩ/2KΩ resistance supervision
  - R04: AMAG compatible 4-state supervision
- Deadbolt Privacy Function (PHR-)
  - Engaging the deadbolt disables remote access control unlocking (keypad or card reader) or scheduled unlock.
  - Ideal for personal privacy areas, such as nursing rooms, on-call doctors' rooms, restrooms, and shower areas
  - To order, add the PHR- prefix to your order string (available only with deadbolt)
- Integrated Door Position Switch (IDP-)
  - The patented IDP option adds a magnetic door position switch in series with the internal auxiliary latch and latchbolt position switches to provide three factor monitoring.
  - This offers added assurance that the door is secure, reduces the likelihood of attack, and is aesthetically pleasing because it conceals the door position switch behind the front plate and the magnet behind the strike.
  - To order, add the IDP- prefix to your order string

Ordering Examples:
R01-IDP-H2-82271-12V-LN-MD-26D-LHR
R04-PHR-IDP-H1-82280-24V-LN-MD-26D-RHR
The Harmony Series 10 Line Cylindrical Lock offers the ability to seamlessly integrate Grade 1 security into an existing Wiegand compatible access control system. Door monitoring capabilities include a Request-to-Exit sensor which monitors movement of the inside lever and external Door Position Switch (3287).

The Harmony Series 10 Line Cylindrical Lock has a clean, crisp design and is available with many lever styles and eleven hardware finishes. The ability to use similar lever designs across the three product offerings provides uniformity when used throughout a facility.

### Mechanical Features
- Certified and exceeds ANSI/BHMA A156.2 Series 4000 - Grade 1
- "Request-to-Exit (REX)" signaling standard
- Latch Stainless Steel, 1/2" (13mm) throw
- 2-3/4" (70mm) backset standard. 3-3/4" and 5" backsets also available
- For 1-3/4" (44mm) thick door standard. Consult factory for other thicknesses
- Heavy duty lever spring return
- Steel mounting studs
- Key override standard
- Harmony 10 Line Windstorm Information
  - UL Listed per ANSI/SDI-BHMA A250.13
  - UL Certification Directory ZHEM.R21744 Latching Hardware
  - UL Certification Directory ZHLL.R21744 Windstorm-rated Assemblies
  - Listed on Florida Building Code Website: FL6728-R1
  - Listed on Florida Building Code Website: FL4351-R1 (see Page 20 for additional information)
- EAC Regulatory Compliance
  - UL294 6th Edition
  - CAN/ULC S319
  - BHMA A156.25
  - UL 294 is a U.S. system level certification. For information regarding access control system compliance, please call 800-810-WIRE

### Harmony Series 10 Line Cylindrical Lock Functions

#### 270 Fail Safe - Power off unlocks outside trim
- Key outside always retracts latch
- Lever outside rigid except when trim is unlocked electronically
- Lever inside always retracts latch
- Guardbolt deadlocks latch
- Request-to-Exit signaling standard
- Door Position Switch (DPS, part #3287) supplied to allow for full monitoring (see DPS features, this page)
- 10 Line Levers and Roses are shown on pages 16 and 20

#### 271 Fail Secure - Power off locks outside trim
- Key outside always retracts latch
- Lever outside rigid except when trim is unlocked electronically
- Lever inside always retracts latch
- Guardbolt deadlocks latch
- Request-to-Exit signaling standard
- Door Position Switch (DPS, part #3287) supplied to allow for full monitoring (see DPS features, this page)
- 10 Line Levers and Roses are shown on pages 16 and 20

### Ordering Harmony Cylindrical Locks****

<table>
<thead>
<tr>
<th>Options</th>
<th>Series</th>
<th>Type</th>
<th>Function</th>
<th>Reader/Solenoid**</th>
<th>Configuration****</th>
<th>Roses</th>
<th>Levers</th>
<th>Finish</th>
<th>Hand</th>
</tr>
</thead>
<tbody>
<tr>
<td>Select from page 25-27</td>
<td>Select H1 for 125 kHz prox</td>
<td>H1</td>
<td>Type</td>
<td>Function</td>
<td>Select from Harmony Cylindrical Lock Function chart above</td>
<td>12V or 24V</td>
<td>Select rose, lever and finish from pages 28</td>
<td>RHR, LHR, RH or LH</td>
<td></td>
</tr>
<tr>
<td>270***</td>
<td>10G270</td>
<td>12V</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**All product lines except Latch Retraction Variants: ELR MP9000, ELR 7000, 56--80 Series
*H1 and H2 cannot be combined on the same opening
**With H1, the reader is always 12VDC. Please select either 12VDC or 24VDC for the solenoid. For H2, reader and solenoid can be either 12VDC or 24VDC.
***28- Option supplies a 4-7/8" Strike, oppose to the 2-3/4" T strike supplied standard (see page 26 for details)
****To order Harmony locks compatible with the Casio 5502 format, please contact Lenel.

### Escutcheons
- Solid cast escutcheons
- Operating temperature -40°F (-40°C) to 151°F (66°C)
- A multi-colored LED indicates valid/invalid entries
- Proximity Reader
- Projection is approximately 3/4"
80 Series Exit Devices

Harmony Series

The Harmony Series Exit Device product selection is SARGENT’s most extensive exit device access control offering including 8800 Rim Exit Devices, 8900 Mortise Exit Devices, 8700 Surface Vertical Rod (SVR) Exit Devices and 8600 Concealed Vertical Rod (CVR) Exit Devices.

**Mechanical Features:**
- Certified ANSI/BHMA A156.3 Grade 1
- For 1-3/4” (44mm) door standard.
- Consultant factory for other thicknesses
- Always allows free egress
- Trim outside rigid at all times unless unlocked electronically
- Request-to-Exit (REX) Signal Switch activated by pushing rail
- Door Position Switch (DPS, part #3287) supplied to allow for full monitoring (see DPS features, page 6)
- 80 Series Levers are shown on page 16-18
- Features Ecoflex™ Technology
- EAC Regulatory Compliance*  
  †UL294 6th Edition  
  ‡CAN/ULC S319  
  §BHMA A156.25  
  – UL 294 is a U. S. system level certification. For information regarding access control system compliance, please call 800-810-WIRE

**Description of Functions:** (see chart below)
- Fail Safe: Power off, unlocks outside trim / Fail Secure: Power off, locks outside trim
- Key Override Key outside retracts latch when trim is locked electronically

**Concealed Vertical Rod/Surface Vertical Rod Models Feature:**
- Key override is available for MD/WD/AD8600 CVR Devices (including NB-) with 106 Series Auxiliary Control
- Key override is available for 8700 SVR Devices with a 306 Series Auxiliary Control
- Key override is NOT available for NB-H1/H2-8700
- The AFF is 41” for Standard Applications; when a 100 or 300 Series Auxiliary Control is used, 38” AFF is recommended to meet local accessibility standards

**H1 Series**

### Electrical Features
- Supports 125 kHz HID Proximity credentials
- H1: Lock Solenoid 12VDC or 24VDC
- H1: Reader always 12VDC
- Voltage must be specified
- Fail Safe or Fail Secure option

**H2 Series**

### Electrical Features
- Supports 13.56 MHz HID iCLASS SE credentials
- H2: Lock Solenoid 12VDC or 24VDC
- H2: Reader 12VDC or 24VDC
- Voltage must be specified
- Fail Safe or Fail Secure option

### Harmony Exit Device Functions

<table>
<thead>
<tr>
<th>Mortise Exit</th>
<th>Rim Exit</th>
<th>SVR Exit</th>
<th>CVR Exit</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>If the lock needs to have:</strong></td>
<td><strong>Then select:</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>No key override</td>
<td>Select from page 25-27</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fail Safe</td>
<td>H1 or H2</td>
<td>89</td>
<td>73</td>
</tr>
<tr>
<td>Fail Secure</td>
<td>H1 or H2</td>
<td>89</td>
<td>74</td>
</tr>
<tr>
<td>Key override</td>
<td>H1 or H2</td>
<td>89</td>
<td>75</td>
</tr>
<tr>
<td>Key override</td>
<td>H1 or H2</td>
<td>89</td>
<td>76</td>
</tr>
</tbody>
</table>

**Escutcheons**
- Solid cast escutcheons
- Operating temperature -40°F (-40°C) to 151°F (66°C)
- A multi-colored LED indicates valid/invalid entries
- Proximity Reader Projection is approximately 3/4”

**Outside ET Lever Control**
- Brass escutcheon
- Projection 13/16” (21mm)

**Ordering Harmony Exit Devices***

<table>
<thead>
<tr>
<th>Options</th>
<th>Series</th>
<th>Type</th>
<th>Function</th>
<th>Reader/ Solenoid*</th>
<th>Configuration****</th>
<th>Trim/Lever</th>
<th>Hand</th>
<th>Finish</th>
<th>Door Width</th>
<th>Opening Height</th>
<th>AFF</th>
</tr>
</thead>
<tbody>
<tr>
<td>Select from page 25-27</td>
<td>H1 or H2</td>
<td>Select from Exit Device Function chart above</td>
<td>E: 24-32&quot;, F: 33-36&quot;, J: 37-42&quot;, G: 43-48&quot;</td>
<td>12V or 24V</td>
<td>ET followed by lever designation from pages 16-20</td>
<td>RHR, LHR</td>
<td>Select from page 26</td>
<td>If supplied, rails will be cut to size</td>
<td>Required for Vertical Rod Devices</td>
<td>Center Line of Rail above Finished Height (41” std)</td>
<td></td>
</tr>
</tbody>
</table>

**Example:**
- H1 or H2 8773 F 12V

*All product lines except Latch Retraction Variants: ELR MP39800, ELR 7000, 56- 80 Series H1 and H2 cannot be combined on the same opening.
** The Harmony H1 reader is always 12VDC. Please select either 12VDC or 24VDC for the solenoid. For H2, reader and solenoid can be either 12VDC or 24VDC.
***To order Harmony locks compatible with the Casi 5502 format, please contact Lenel.
**** For H2 only. See table right.
Experience a safer and more open world

**H1 or H2-8600 & H1/H2-8700**

The 106 Series Auxiliary Control offers key override for MD/WD/AD8600 and NB-MD/WD/AD8600 Series Device.

Order example:
- H1-MD8674F x 12VDC x ETL x 16 x RHR x 32D x 36” x 96”
- MD86/WD86/AD86 73

The 306 Series Auxiliary Control offers key override for 8700 SVR Device (not available for NB-8700).

Order example:
- H2-8773F x 12VDC x ETL x 306 x RHR x 32D x 36” x 84”

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80 Series Exit Devices
Harmony Series

How to specify and order ET Trim without an Exit Device:
Specify either H1 or H2 in the order string
- For 8900 Mortise Exit Devices: H1/H2-773 ET*, H1/H2-774 ET*, H1/H2-775 ET* & H1/H2-776 ET*
- For 8800 Rim Exit Devices: H1/H2-773-8 ET*, H1/H2-774-8 ET*, H1/H2-775-8 ET* & H1/H2-776-8 ET*
- For 8700 SVR Exit Devices: H1/H2-773 ET* & H1/H2-774 ET*
- For NB-8700 SVR Exit Devices: H1/H2-773-8 ET* & H1/H2-774-8 ET*
- For All 8600 CVR Exit Devices: H1/H2-773-4 ET* & H1/H2-774-4 ET*
  * Specify lever design, finish and voltage

Note: Cylinder Keyed Different is supplied unless otherwise specified

Exit Windstorm Information:
- Harmony 8900 is UL Certification Directory ZHLLR21744 Windstorm-Rated Assemblies
- Harmony WS8900 is UL Listed per ANSI/SDI-BHMA A250.13, UL Certification Directory ZHEM.R21744 Latching Hardware and listed on Florida Building Code Website: FL4351-R1 (See Page 28 for details)
- Harmony WS8800 is UL Listed per ANSI/SDI-BHMA A250.13, UL Certification Directory ZHEM.R21744 Latching Hardware and listed on Florida Building Code Website: FL4351-R1 (See Page 28 for details)
- Harmony HC8800 is UL Listed per ANSI/SDI-BHMA A250.13, UL Certification Directory ZHEM.R21744 Latching Hardware, UL Certification Directory ZHLL.R21744 Windstorm-rated Assemblies and listed on Florida Building Code Website: FL2998-R2 (See Page 28 for details)
- Harmony HC4-8700 is UL Listed per ANSI/SDI-BHMA A250.13, UL Certification Directory ZHEM.R21774 Latching Hardware and listed on Florida Building Code Website: FL12712.2 (see page 28 for details)

Cylinder Sizes & Types for Harmony Series
Note: All mortise cylinders require a SARGENT standard offset cam (13-0064)

<table>
<thead>
<tr>
<th>H1/H2 Products</th>
<th>1-3/4&quot; Door Thickness</th>
<th>1-3/4&quot; Door Thickness with Weather Shield</th>
</tr>
</thead>
<tbody>
<tr>
<td>H1/H2-8900 Mortise Exit</td>
<td># 46 Mortise (1-3/4&quot;)</td>
<td># 46 Mortise (1-3/4&quot;)</td>
</tr>
<tr>
<td>H1/H2-8800 Rim Exit</td>
<td># 34 Rim</td>
<td># 34 Rim</td>
</tr>
<tr>
<td>H1/H2-8700 w/306 Control SVR Exit</td>
<td># 41 Mortise (1-1/8&quot;)</td>
<td># 41 Mortise (1-1/8&quot;)</td>
</tr>
<tr>
<td>H1/H2-8600 w/106 Control CVR Exit</td>
<td># 41 Mortise (1-1/8&quot;)</td>
<td># 41 Mortise (1-1/8&quot;)</td>
</tr>
</tbody>
</table>
Electric Latch Retraction Option (56-)
Harmony Series Exit Devices

SARGENT's Electric Latch Retraction exit device is the perfect choice for high traffic egress doors that require access control. This non-handed exit device rail is durable and easy to install. It utilizes a latch retraction motor rather than a solenoid, ensuring quiet operation ideal for locations such as conference rooms, theaters and libraries. Once retracted, the door functions in a push/pull manner. Electric Latch Retraction variants are NOT UL294 6th edition, BHMA A156.25 or ULC S319 compliant.

The 56- exit device can be dogged for momentary ingress and egress and is commonly used in conjunction with an automatic door operator. The device can be dogged continuously on fire-rated devices that are tied into the building’s fire detection system.

### 56- Electric Latch Retraction Features
- 5 year warranty
- U.S. Patent No. 7,484,777; Additional patent(s) pending
- Motor driven latch retraction for smooth, precise operation
- Amount of rail retraction is automatically controlled by the 56- circuitry; System actively monitors its position and adjusts itself
- UL Listed for Class II Circuitry
- Features EcoFlex™ Technology
- Power Requirements (supplied power must be filtered and regulated):
  - H1 Systems:
    - Reader: 12VDC (150 mA)
    - Exit Device: 24VDC (600 mA during retraction, 250 mA maintained)
  - H2 Systems:
    - Reader: 12VDC (150 mA) or 24VDC (150 mA)
    - Exit Device: 24VDC (600 mA during retraction, 250 mA maintained)
- Minimum Door Widths:
  - Wide Stile Door 28”
  - Narrow Stile Door 28”
- See McKinney’s Transfer Device Solutions Catalog for QC Hinge and cable requirements
- Order as a 56- option (e.g., 56-H1-8913F x ETMF x 32D x 36”)

**Accessories**

**Required**
- 3520 24VDC 1 AMP Power Supply
- 3521 12VDC 1 AMP Power Supply
- Electric transfer device also required

**Optional**
- 881 Monitor Strike

Note: HK- and 16- are not available for Fire Rated Doors
Note: The 56- Option is not supplied with Manual Dogging (Hex Key or Cylinder Dogging) unless specified
### Harmony 56- Exit Device Functions

**If the trim needs to be:**

- **8900 Mortise Exit Devices**
- **8800 Rim Exit Devices**
- **8700 Surface Vertical Rod Exit Devices**
- **8600 Concealed Vertical Rod Exit Devices**

<table>
<thead>
<tr>
<th>Type</th>
<th>Function¹</th>
<th>Rail Size</th>
<th>Trim/Lever</th>
<th>Type</th>
<th>Function¹</th>
<th>Rail Size</th>
<th>Trim/Lever</th>
<th>Type</th>
<th>Function¹</th>
<th>Rail Size</th>
<th>Trim/Lever</th>
</tr>
</thead>
<tbody>
<tr>
<td>ET Control</td>
<td></td>
<td></td>
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<td></td>
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<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Night Latch (Key retracts latch)</td>
<td></td>
<td></td>
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<td></td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>89</td>
<td>04</td>
<td>133/4</td>
<td></td>
<td>88</td>
<td>04</td>
<td>ET x Lever</td>
<td>-</td>
<td>-</td>
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<td>-</td>
</tr>
<tr>
<td>Night Latch (Key/lever retracts latch)</td>
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</tr>
<tr>
<td>89</td>
<td>06</td>
<td>133/4</td>
<td></td>
<td>88</td>
<td>06</td>
<td>ET x Lever</td>
<td>-</td>
<td>-</td>
<td>-</td>
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<td>-</td>
</tr>
<tr>
<td>Dummy ET Trim (No cylinder override)</td>
<td></td>
<td></td>
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<td></td>
<td></td>
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<tr>
<td>89</td>
<td>10</td>
<td>133/4</td>
<td></td>
<td>88</td>
<td>10</td>
<td>ET x Lever</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Entrance (Key locks/unlocks lever)</td>
<td></td>
<td></td>
<td></td>
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</tr>
<tr>
<td>89</td>
<td>13</td>
<td>133/4</td>
<td></td>
<td>88</td>
<td>13</td>
<td>ET x Lever</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Auxiliary Control for Cylinder Override with Dummy ET Trim</td>
<td></td>
<td></td>
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<tr>
<td>106 x Pull</td>
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<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Ordering Harmony Exit Devices with Electric Latch Retraction**

<table>
<thead>
<tr>
<th>Option</th>
<th>Series</th>
<th>Type</th>
<th>Function</th>
<th>Rail Size</th>
<th>Trim/Lever</th>
<th>Hand</th>
<th>Finish</th>
<th>Door Width</th>
<th>Opening Height</th>
<th>AFF</th>
</tr>
</thead>
<tbody>
<tr>
<td>Select from pages 12-27*</td>
<td>56-H1 or 56-H2</td>
<td>Select from Exit Device Function chart above</td>
<td>F: 28-32; F: 33-36; F: 34-36; G: 37-42; G: 43-48</td>
<td>FLL, FLW, MAL, PIR, STS</td>
<td>RHR, LHR</td>
<td>Select from page 16</td>
<td>If supplied, rails will be cut to size</td>
<td>Required for Vertical Rod Exit Devices</td>
<td>Center Line of Rail above finished floor (41&quot; standard)</td>
<td></td>
</tr>
<tr>
<td>Example: 56-H1</td>
<td>87</td>
<td>10</td>
<td>F</td>
<td>306 x Pull</td>
<td>862, 863, 864</td>
<td>106 x Pull</td>
<td>862, 863, 864</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

* Available with the following mechanical options: 12, 16, HK, 19, 43, 76, 85, 86, 87, CPC, SG. See page 25 for detailed descriptions. See pages 26 and 27 for cylinder options.

**To order Harmony locks compatible with the Casi 5502 Format, please contact Lenel.

### Pull Trim Options

<table>
<thead>
<tr>
<th>Function Description and Cylinder Information</th>
<th>SARGENT Function #:</th>
<th>ANSI Function #:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Night latch, key retracts latch</td>
<td>04/44</td>
<td>03</td>
</tr>
<tr>
<td>#34 cylinder for 8800</td>
<td></td>
<td></td>
</tr>
<tr>
<td>#46 mortise cylinder for 8900 with ET</td>
<td></td>
<td></td>
</tr>
<tr>
<td>#41 cylinder with 8800 with FL, FLW, PIR, MAL, STS</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Key unlocks trim, trim retracts latch when key is removed, #41 cylinder supplied</td>
<td>06/46</td>
<td>09</td>
</tr>
<tr>
<td>No outside operation (no cylinder), ET Control is used as pull only</td>
<td>10/40</td>
<td>02</td>
</tr>
<tr>
<td>Key unlocks/locks trim, #41 cylinder supplied</td>
<td>13/43</td>
<td>08</td>
</tr>
</tbody>
</table>

### Cylinder Information (1-3/4" Door)

- **Sargent Function Number:** 04, 03
- **ANSI Function Numbers:** 04, 03
- **Description:** Night Latch (key retracts latch)
- **Cylinder Info:** FL/FL, FL/FSW, MAL/PSB, PIR/PSB
- **ST:** 862/863
- **ST:** 862/863

---

1-800-727-5477 • www.sargentlock.com
The 7000 Series multi-point vertical rod provides flexibility, simplicity, strength, and durability by eliminating the need for automatic flushbolts and coordinators while maintaining the aesthetic appeal of Harmony Series Integrated Wiegand locks. It is ideal for a wide variety of applications where exit devices are not required, including conference rooms, commercial office buildings, convention centers, upscale condominiums and residential applications, medical and educational institutions.

7000 Series Vertical Rod locks are available for aluminum, wood and metal doors. Single point top latching can also be specified, eliminating the bottom strike and the additional installation work required with a bottom bolt. The single point device is specified with the NB- option. Rods are retracted by dual mounted controls with a variety of functions available on the outside trim.

**Features**
- Designed for aluminum, metal, and wood door applications with 2-1/4" backset
- Concealed rods offer additional security
- Less bottom rod option available, specified as NB-WD7000 and 12-NB-WD7000 (For single door applications, consult factory)
- NB- provides free access for wheelchairs and carts
- Features EcoFlex® Technology
- Supports single or double door applications
- UL Fire Listed: 12-WD7000 / 12-NB-WD7000 (NB- is for double door applications only)
- EAC Regulatory Compliance*
  - UL294 6th Edition
  - CAN/ULC S319
  - BHMA A156.25

*all product lines except Latch Retraction

Variants: ELR MP9800, ELR 7000, 56-80 Series

**Specifications**

**Doors:**
- Aluminum: 1-3/4" (44mm) door thickness standard, 1-7/8" minimum stile, 7/8" backset standard for double doors, 1-1/8" backset for single doors
- Metal: 1-3/4" (44mm) door thickness standard, 4-1/2" minimum stile, 2-1/4" backset standard
- Wood: 1-3/4" (44mm) door thickness standard, 4-1/2" minimum stile, 2-1/4" backset standard

**Mounting:**
- Fasteners are supplied for appropriate door type (aluminum, metal, wood) with through-bolts for trim

**Hand:**
- Field reversible, specify RHR, LHR, RH or LH

**Top and Bottom Bolts:**
- Stainless steel. Top and bottom bolt travels 7/16" (11mm). Projection adjustable up to 1" (25mm)

**Latching:**
- Top and bottom (7000, 12-7000) or Top only (NB-7000, 12-NB-7000)

**Strikes:**
- 650 Top Strike, 606 Bottom Strike, standard

**Cylinder:**
- #41 Mortise Cylinder

**Trim Options**
- ER and ES controls are ET controls with backplates.
- **Back plates:**
  - Mounted between the trim and the door
  - Required for wood doors (WD-)
  - Optional for metal doors
  - May be used to cover existing door preps

**How to specify and order ET Trim without a vertical rod:**
Specify either H1 or H2 in the order string

*Specify lever design, finish and voltage
**Note:** Cylinder Keyed Different is supplied unless otherwise specified

**Key Override/Auxiliary Control**
100 Series Auxiliary Control offers key override for Harmony 7000 Series.
- Available functions are 06 & 13
- Supplied with a SARGENT #41 mortise cylinder

To order, add 106 or 113 to the order string after the hand designation.
7000 Series Multi-Point Vertical Rods

<table>
<thead>
<tr>
<th>Series</th>
<th>Type</th>
<th>Outside Function</th>
<th>Inside Function</th>
</tr>
</thead>
<tbody>
<tr>
<td>70/AD70/WD70*</td>
<td>H1 or H2</td>
<td>73</td>
<td>06</td>
</tr>
<tr>
<td>70/AD70/WD70*</td>
<td>H1 or H2</td>
<td>73</td>
<td>13</td>
</tr>
<tr>
<td>70/AD70/WD70*</td>
<td>H1 or H2</td>
<td>73</td>
<td>15</td>
</tr>
</tbody>
</table>

With:
- Fail Safe, Night Latch (Key/lever retracts latch)
- Fail Safe, Entrance (Key locks/unlocks lever)
- Fail Safe, Passage Only (No cylinder)
- Fail Secure, Night Latch (Key/lever retracts latch)
- Fail Secure, Entrance (Key locks/unlocks lever)
- Fail Secure, Passage Only (No cylinder)

Specify 70 for metal doors, AD70 for aluminum doors, or WD for wood doors.

* WD7000 Series is only available with ER and ES trim.

### Ordering Harmony 7000 Series Vertical Rod Locks***

<table>
<thead>
<tr>
<th>Options</th>
<th>Series*</th>
<th>Type</th>
<th>Function</th>
<th>Reader/ Solenoid**</th>
<th>Configuration****</th>
<th>Trim/Lever</th>
<th>Hand</th>
<th>Aux Control (optional)</th>
<th>Finish</th>
<th>Opening Height</th>
<th>Center Line of Lever Above Finished Floor</th>
</tr>
</thead>
<tbody>
<tr>
<td>Select from pages 25-27</td>
<td>H1 or H2</td>
<td>Select from 7000 Series Function Chart above</td>
<td>12V or 24V</td>
<td>ER/ES/ET followed by lever designation from pages 16-20</td>
<td>RHR, LHR, RH, LH</td>
<td>106 or 113</td>
<td>Select from page 16</td>
<td>Required for Vertical Rod Exit Devices</td>
<td>26D</td>
<td>84&quot;</td>
<td>35-7/8&quot;</td>
</tr>
</tbody>
</table>

Example: H2 70 7306 12V IV ETL RH 106 26D 84" 35-7/8"

* H1 and H2 cannot be combined on the same opening.
** The Harmony H1 reader is always 12VDC. Please select either 12VDC or 24VDC for the solenoid. For H2, reader and solenoid can be either 12VDC or 24VDC.
*** To order Harmony locks compatible with the Casi 5502 Format, please contact Lenel.
**** For H2 only. See table below:

<table>
<thead>
<tr>
<th>Standard iCLASS SE</th>
<th>PIV Credential Support, 200 bit binary output (PAM compliant)</th>
</tr>
</thead>
<tbody>
<tr>
<td>IV^</td>
<td>PIV Credential Support, 64 bit BCD output (PAM Compliant)</td>
</tr>
<tr>
<td>IV-0C^</td>
<td>PIV Credential Support, 128 bit BCD output (PAM Compliant)</td>
</tr>
</tbody>
</table>

^All IV configurations support CIV and PIV-I fallback (128 Bit GUID)
7000 Series Multi-Point Vertical Rods
Harmony Series

Electric Latch Retraction Option (ELR)

SARGENT’s Electric Latch Retraction (ELR) is the perfect choice for high traffic doors that require access control. This non-handed module is durable and easy to install. It utilizes a latch retraction motor rather than a solenoid, ensuring quiet operation ideal for locations such as conference rooms, theaters and libraries. Once retracted, the door functions in a push/pull manner.

The ELR can be dogged for momentary ingress and egress and is commonly used in conjunction with an automatic door operator. The device can be dogged continuously on fire-rated devices that are tied into the building’s fire detection system.

### Electric Latch Retraction Features
- 5 year warranty
- Patent pending
- Field serviceable - modular design
- Motor driven latch retraction for smooth, precise operation
- Amount of latch retraction is automatically controlled by the ELR - circuitry; System actively monitors its position and adjusts itself
- Digital retraction timer (0-20 seconds; factory setting is 0)
- Standard electric hinge - no special power transfer required
- Can be used for continuous and intermittent use
- UL Listed for Class II Circuitry
- Electric Latch Retraction variants are NOT UL294 6th edition, BHMA A156.25 or ULC S319 compliant.

### Current draw:
- H1 Reader: – 12VDC (150 mA)
- H2 Reader: – 12VDC (150 mA) or 24VDC (150 mA)
- ELR 7000 Series Vertical Rod Lock: – 24VDC (700 mA during retraction, 150 mA maintained); – 12VDC (850 mA during retraction, 250 mA maintained)
- Power Requirements: 24 or 12VDC regulated/filtered power supply (3500 Series)
- Available for 7000 series only
- See McKinney’s Transfer Device Solutions Catalog for QC Hinge and cable requirements

### Optional Accessories
- 3500 Series Power Supply
- 4370 Keyswitch
- 4291/4292 Keypad
- 3287 Door Status Switch
- 4341 Push Button Switch (momentary)

### 7000 Series Multi-Point Vertical Rods with Electric Latch Retraction (ELR)

<table>
<thead>
<tr>
<th>Function Descriptions</th>
<th>Outside Functions Available</th>
<th>Inside Functions Available</th>
</tr>
</thead>
<tbody>
<tr>
<td>01</td>
<td>Blank escutcheon plate</td>
<td>•</td>
</tr>
<tr>
<td>06</td>
<td>Key unlocks trim; trim retracts latch; trim relocks when key is removed</td>
<td>•</td>
</tr>
<tr>
<td>10</td>
<td>No outside operation (no cylinder); pull only</td>
<td>•</td>
</tr>
<tr>
<td>13</td>
<td>Classroom key unlocks/locks trim; #41 cylinder supplied</td>
<td>•</td>
</tr>
<tr>
<td>15</td>
<td>Passage only (no cylinder)</td>
<td>•</td>
</tr>
<tr>
<td>16</td>
<td>Key unlocks/locks trim</td>
<td>•</td>
</tr>
<tr>
<td>40</td>
<td>Freewheeling trim; no outside operation</td>
<td>•</td>
</tr>
<tr>
<td>43</td>
<td>Freewheeling trim; key unlocks/locks trim</td>
<td>•</td>
</tr>
<tr>
<td>46</td>
<td>Freewheeling trim; key unlocks trim; trim retracts latch/trim relocks when key is removed</td>
<td>•</td>
</tr>
</tbody>
</table>

### Ordering Harmony 7000 Series Vertical Rod Locks with Electric Latch Retraction (ELR)***

<table>
<thead>
<tr>
<th>Options</th>
<th>ELR</th>
<th>Series</th>
<th>Type</th>
<th>Outside Function</th>
<th>Inside Function</th>
<th>Reader**</th>
<th>Configuration****</th>
<th>Trim/ Lever</th>
<th>Hand</th>
<th>Finish</th>
<th>Opening Height</th>
<th>AFF</th>
</tr>
</thead>
<tbody>
<tr>
<td>Select from pages 25-27</td>
<td>Specify ELR option</td>
<td>H1 or H2</td>
<td>70 (metal doors) AD70 (aluminum doors) WD70 (wood doors)</td>
<td>Select from chart above</td>
<td>Select from chart above</td>
<td>12V or 24V</td>
<td>ER/ES/ET followed by lever designation from pages 16-20</td>
<td>RH, LH</td>
<td>Select from page 16</td>
<td>Required for Vertical Rod Exit Devices</td>
<td>Center Line of Lever Above Finished Floor (35-7/8&quot; standard)</td>
<td></td>
</tr>
</tbody>
</table>

Example: ELR H2 70 6 43 12V IV ETL RH 26D 84" 35-7/8"

* H1 and H2 cannot be combined on the same opening.
** The Harmony H1 reader is always 12VDC. For H2, the reader can be either 12VDC or 24VDC.
*** To order Harmony locks compatible with the UTC 5502 format, please contact UTC Fire & Security.

Experience a safer and more open world

---

** H1 and H2 cannot be combined on the same opening.
** The Harmony H1 reader is always 12VDC. For H2, the reader can be either 12VDC or 24VDC.
*** To order Harmony locks compatible with the UTC 5502 format, please contact UTC Fire & Security.

Experience a safer and more open world

---

** For H2 only. See table below:

<table>
<thead>
<tr>
<th>Standard iCLASS SE</th>
</tr>
</thead>
<tbody>
<tr>
<td>IV^</td>
</tr>
<tr>
<td>IV-0C^</td>
</tr>
<tr>
<td>IV-0D^</td>
</tr>
</tbody>
</table>

^All IV configurations support CIV and PIV-I fallback (128 Bit GUID)
The Harmony Series FM7300 Series lock is a multi-point, deadlocking system developed to help protect lives while securing a community shelter and/or safe room entry. Sturdy heavy-duty steel components firmly secure the door within the frame – at top, bottom, and center latch points – fortifying the opening during a windstorm event. The FM7300 Series is UL-listed for FEMA P361 (2015), FEMA P320 (2014) and ICC 500 2014 capable of withstanding severe wind speeds and flying debris. This device consists of concealed vertical rods with top and bottom latching complemented by a mortise lock with a latchbolt and deadbolt at the center of the door and an optional indicator to show the status of the top and bottom latches.

The lever rotation retracts the top bolt, the bottom bolt, and center bolts simultaneously. When retracted, the bolts are held in position as the door swings. As the door closes, the hold-back feature engages the frame and the top, center, and bottom bolts project simultaneously. With the deadbolt thrown, this system protects room occupants from threatening conditions. The FM7300 Series device can be used on fire-rated doors.

### Mechanical Features
- Certified to ANSI/BHMA A156.37 Series 1000 Operational Grade 1 and Security Grade 1
- Motor driven 8200 Series Mortise Lock
- 1-3/4” thick door only; fully integrated – FM7300 is part of a complete ASSA ABLOY windstorm solution utilizing Ceco StormPro® 361 and Curries StormPro® 361 doors and frames and McKinney® StormPro® hinges
- Stainless steel non-handed deadlocking latch
- Not available with 5C- or 5E- options
- Handed, easily field reversible without disassembling lockbody
- Lever trim through-bolted for increased security and durability
- Concealed vertical assembly (rods, latches and cassette) pre-installed in door
- Features EcoFlex® Technology
- UL/ULC Listed for fire doors*
- FCC certified
- Windstorm certification information is listed in the Sargent FM7300 Series catalog

* Any retrofit or other field modification to a fire rated opening can potentially impact the fire rating of the opening, and Sargent Manufacturing Company makes no representations or warranties concerning what such impact may be in any specific situation. When retrofitting any portion of an existing fire rated opening, or specifying and installing a new fire-rated opening, please consult with a code specialist or local code official (Authority Having Jurisdiction) to ensure compliance with all applicable codes and ratings.

### H1 Series* Electrical Features
- Supports 125 kHz HID Proximity credentials
- H1: Lock 12-24VDC
- H1: Reader always 12VDC

### H2 Series* Electrical Features
- Supports 13.56 MHz HID iCLASS SE credentials
- H2: Lock 12-24VDC
- H2: Reader 12VDC or 24VDC

### Escutcheons
- Solid cast escutcheons
- Operating temperature -40°F (-40°C) to 151°F (66°C)
- A multi-colored LED indicates valid/invalid entries
- Proximity Reader Projection is approximately 3/4”

### Mounting
| Supplied fasteners are for metal doors with through-bolts for trim |

### Hand
| Handed; specify RHR, LHR, RH or LH |

### Top bolt
| Adjustable stainless steel 3/4” square bolt with 11/16” engagement; 5/16” steel reinforcement plate |

### Bottom bolt
| Adjustable stainless steel 3/4” square bolt with 5/8” engagement; 1/4” steel reinforcement plate |

### Center bolts
| Latchbolt is stainless steel with 3/4” projection. One piece, anti-friction reversible catch. Deadbolt is one piece hardened stainless steel with 1” projection |

### Lock front
| 1/8” steel mortise front reinforced with 13/64” thick lock edge stiffener |

### Center bolt strike
| 1/4” thick stainless steel |

### Backset
| 2-3/4” standard |

### Door thickness
| 1-3/4” standard |

### Door height
| 7’0” - 8’0” |

### Maximum opening
| Single door 4’0” x 8’0” and double doors 8’0” x 8’0” |
Harmony Series Multi-Point Functions

All Harmony Multi-Point Functions feature:

- Trim outside rigid unless unlocked electronically
- Trim inside always retracts latch and deadbolt
- Guardbolt deadlocks latch
- Door Position monitoring

Description of Functions: (see chart at right)

- Fail Safe: Power off, unlocks outside trim
- Fail Secure: Power off, locks outside trim
- No key override with deadbolt: Deadbolt projected and retracted by thumbturn or key
- Key Override with deadbolt: Key outside retracts deadbolt. Key outside also retracts latch and unlocks outside when trim is locked electronically
- Top and bottom rods retracted by lever
- Deadbolt projected and retracted by thumbturn or key

Ordering Harmony Mortise Locks***

<table>
<thead>
<tr>
<th>Options</th>
<th>Series</th>
<th>Type</th>
<th>Function</th>
<th>Reader/Lock Voltage**</th>
<th>Configuration****</th>
<th>Roses</th>
<th>Levers</th>
<th>Finish</th>
<th>Hand</th>
</tr>
</thead>
<tbody>
<tr>
<td>Select from pages 25-27</td>
<td>Select H1 for 125 kHz prox</td>
<td>Select from Harmony Mortise Lock function chart above</td>
<td>12V or 24V</td>
<td>Select rose, lever and finish from pages 16-20</td>
<td>RHR, LHR, RH or LH</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Example</td>
<td>H1</td>
<td>FM73284</td>
<td>12V</td>
<td>LN</td>
<td>MX</td>
<td>03</td>
<td>RH</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

*H1 and H2 cannot be combined on the same opening.
**With H1, the reader is always 12VDC. Please select either 12VDC or 24VDC for the lock voltage. For H2, reader and lock can be either 12VDC or 24VDC.
***To order Harmony locks compatible with the Casi 5502 Format, please contact Lenel.
****For H2 only. See table below:

High Security Monitoring Options

- Internal End-of-Line Monitoring
  Integrated directly into the mortise lock, internal end-of-line resistors monitor the line from the access control panel to the lock. Typically, resistors are installed at the panel or above the door, creating vulnerability between the resistors and the locks. Incorporating resistors within the lock eliminates any risk of undetected tampering or damage, while also reducing installation costs, simplifying specifications, and offering the assurance of a factory installed and tested product.
  
  Select a compatible resistor configuration and add the appropriate prefix to your order string:
  - R01: Mercury and Lenel compatible 1KΩ/2KΩ resistance supervision
  - R03: Software House compatible 1KΩ/2KΩ resistance supervision
  - R04: AMAG compatible 4-state supervision

- Deadbolt Privacy Function (PHR-)
  Engaging the deadbolt disables remote access control unlocking (keypad or card reader) or scheduled unlock.
  Ideal for personal privacy areas, such as nursing rooms, on-call doctors' rooms, restrooms, and shower areas.
  To order, add the PHR- prefix to your order string (available only with deadbolt)

- Integrated Door Position Switch (IDP-)
  The patented IDP option adds a magnetic door position switch in series with the internal auxiliary latch and latchbolt position switches to provide three factor monitoring.
  This offers added assurance that the door is secure, reduces the likelihood of attack, and is aesthetically pleasing because it conceals the door position switch behind the front plate and the magnet behind the strike.
  To order, add the IDP- prefix to your order string

Ordering Examples

R01-IDP-H2-FM73284-12V-LN-MD-26D-LHR
R04-PHR-IDP-H1-FM73285-24V-LN-MD-26D-RHR
Roseless Trim, Standard & Coastal Series Levers & Finishes

Harmony Series

Harmony Series products are available with the following lever designs to provide uniformity throughout a facility. Lever projection from door surface varies with lock type. Harmony Mortise locks are specified by rose design followed by the lever designation (e.g., TRMZ). Harmony Exit devices are specified by the ET designation followed by the lever designation (e.g., ETMZ).

Note: Exit devices are not available with roses; exits are only available with ET Trim.

Standard and Coastal Levers

<table>
<thead>
<tr>
<th>Standard Levers</th>
<th>Coasal Levers</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lever</td>
<td>Design</td>
</tr>
<tr>
<td>A</td>
<td>-</td>
</tr>
<tr>
<td>B</td>
<td>-</td>
</tr>
<tr>
<td>E</td>
<td>-</td>
</tr>
<tr>
<td>F</td>
<td>-</td>
</tr>
<tr>
<td>J</td>
<td>-</td>
</tr>
</tbody>
</table>

Note: H1/H2-8200 Mortise Locks with Standard Levers are available with LN and O roses only (Not available with CO, CR, TO, TR roses and roseless.)

Finishes

SARGENT offers many different finishes for Harmony products. Please reference the chart below to determine if your product is available in a particular finish.

<table>
<thead>
<tr>
<th>Finishes</th>
<th>ANSI</th>
<th>Mortise</th>
<th>Cyl.</th>
<th>Exit</th>
<th>Vertical Rod</th>
</tr>
</thead>
<tbody>
<tr>
<td>03</td>
<td>Bright brass</td>
<td>605</td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>04</td>
<td>Satin brass</td>
<td>606</td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>09</td>
<td>Bright bronze</td>
<td>611</td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>10</td>
<td>Satin bronze, clear powder</td>
<td>612</td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>10B</td>
<td>Oxidized satin bronze oil rubbed</td>
<td>613</td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>10BE</td>
<td>Dark oxidized satin bronze — equivalent</td>
<td>613E</td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>10BL</td>
<td>Oxidized satin bronze, clear powder coat</td>
<td>-</td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>14‡</td>
<td>Bright nickel, clear coated</td>
<td>618</td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>15‡*</td>
<td>Satin nickel, clear coated</td>
<td>619</td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>20D</td>
<td>Dark statuary bronze, clear powder coat</td>
<td>-</td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>26‡</td>
<td>Bright chrome</td>
<td>625</td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>26D‡*</td>
<td>Satin chrome</td>
<td>626</td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>32∞*</td>
<td>Bright stainless steel</td>
<td>629</td>
<td>X</td>
<td>-</td>
<td>X</td>
</tr>
<tr>
<td>32D∞*</td>
<td>Satin stainless steel</td>
<td>630</td>
<td>X</td>
<td>-</td>
<td>X</td>
</tr>
</tbody>
</table>

‡ ET Trim will be supplied with the requested finish, the Exit Devices will be supplied in 32 or 32D accordingly.

∞ Only available with exit devices, the external trim will be supplied in 26 or 26D accordingly.

*Available with MicroShield

Simpli™ Roseless Trim

This elegant trim by SARGENT seamlessly unifies the lever and the door. Compatible with most Studio Collection and Coastal Series decorative levers, Simpli creates a flawless aesthetic vision on any door opening. Simpli is offered on the Harmony R8200 Series mortise lock, which was specially designed to accept the roseless trim. In addition to the Harmony R8200 Series, Simpli is also available with the RDL Series tubular locks and R8200 Series mortise locks.

• Certified to and exceeds ANSI A156.13, Series 1000, Operational Grade 1 and Security Grade 1
• Harmony R8200 Series with Simpli trim is available with most 8200 functions
• Simpli roseless trim is available with Coastal Series and many Studio Collection levers (except MC, MK, MN, MP, MT, Gramercy Series, Wooster Square and Grant Park)
• Selected levers return within ½” of the door face
• Simpli roseless trim is not compatible with the Harmony 8200 lockbody; can only be used with R8200 locks
• All standard cylinder options are available
• For UL 294 requirements, please contact your local ASSA ABLOY Door Security Solutions sales representative or call 800-810-WIRE

SARGENT ASSA ABLOY

Experience a safer and more open world

1-800-727-5477 • www.sargentlock.com
Studio Collection trim is available in a broad array of designs and finishes. It allows for uniformity throughout a facility using the 8200, R8200 and 7900 Series Mortise Locks, Access Control Products, 80 Series Exit Devices, DL and RDL Series Tubular Locks.

All levers meet ADA compliance for national codes. Visit the online Decorative Hardware Product Selector at selector.sargentlock.com to mix and match styles and finishes.

**Centro Series**

- MD
- MJ
- MP
- ND
- NJ

**Notting Hill Series**

(Handed Levers)

- MA
- MQ
- MT
- MY

**Aventura Series**

- MB
- ME
- MF
- NF
- MG
- MI
- MW

**Rialto Series**

(MZ Lever is Handed)

- MO
- MZ

1. Lever returns within 1/2" (13mm) of door face
2. Levers are not available with Simpli™ Roseless trim
3. Not available in 32D or 32 finish

Experience a safer and more open world
Studio Collection Levers
Harmony Series

Odéon Series
(Handed Levers)

Gramercy Series²/³

Wooster Square²/⁴

<table>
<thead>
<tr>
<th>Odéon Series</th>
<th>Gramercy Series</th>
<th>Wooster Square</th>
</tr>
</thead>
<tbody>
<tr>
<td>MN²,³</td>
<td>RCM</td>
<td>H001</td>
</tr>
<tr>
<td>MH⁵</td>
<td>RAL</td>
<td>H002¹</td>
</tr>
<tr>
<td>MS⁵</td>
<td>REM</td>
<td>H003</td>
</tr>
<tr>
<td>MU⁵</td>
<td>RAM</td>
<td>H004</td>
</tr>
<tr>
<td>MV⁵</td>
<td>RAS</td>
<td>H005¹</td>
</tr>
<tr>
<td>MX¹,⁵</td>
<td>RAG</td>
<td>H006¹</td>
</tr>
<tr>
<td>NS¹,⁵</td>
<td>RGM</td>
<td></td>
</tr>
<tr>
<td>NU¹,⁵</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Grant Park²
(H008 is handed)

<table>
<thead>
<tr>
<th>Grant Park</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>H007</td>
<td></td>
</tr>
<tr>
<td>H008</td>
<td></td>
</tr>
<tr>
<td>H009</td>
<td></td>
</tr>
<tr>
<td>H010</td>
<td></td>
</tr>
<tr>
<td>H011</td>
<td></td>
</tr>
</tbody>
</table>

¹ Lever returns within 1/2" (13mm) of door face
² Levers are not available with Simpli™ Roseless trim
³ Gramercy levers are customized. See page 19 for ordering information
⁴ H003-H006 - Contain white or black polycarbonate inserts. Not available with MicroShield® antimicrobial coating.
⁵ Not available in 32D or 32 finish
## Ordering Gramercy Series Levers

**Harmony Series**

### Gramercy Series Levers

- REM, RGM
- RCM
- RAG, RAL, RAM, RAS

### Gramercy Finish Codes

<table>
<thead>
<tr>
<th>BHMA Finish</th>
<th>SARGENT Finish</th>
<th>Gramercy Code*</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>630</td>
<td>32D</td>
<td>30</td>
<td>Satin Stainless Steel</td>
</tr>
<tr>
<td>629</td>
<td>32</td>
<td>30</td>
<td>Bright Stainless Steel</td>
</tr>
<tr>
<td>613E</td>
<td>10BE</td>
<td>3E</td>
<td>Dark Oxidized Satin Bronze, Equivalent</td>
</tr>
<tr>
<td>N/A</td>
<td>BSP</td>
<td>BS</td>
<td>Black Suede Powder Coat</td>
</tr>
<tr>
<td>N/A</td>
<td>WSP</td>
<td>WS</td>
<td>White Suede Powder Coat</td>
</tr>
<tr>
<td>N/A</td>
<td>N/A</td>
<td>BH</td>
<td>Maple (wood insert)</td>
</tr>
<tr>
<td>N/A</td>
<td>N/A</td>
<td>BK</td>
<td>Black (Santoprene™ or leather insert)</td>
</tr>
<tr>
<td>N/A</td>
<td>N/A</td>
<td>BN</td>
<td>Brown (leather insert)</td>
</tr>
</tbody>
</table>

*Code used to specify Gramercy Series finishes only. Use available finishes list to specify desired finish when ordering.

### Gramercy Lever Descriptions & Available Finishes

<table>
<thead>
<tr>
<th>Lever Designation</th>
<th>Lever Description</th>
<th>Available Finishes (AS ORDERED)</th>
</tr>
</thead>
<tbody>
<tr>
<td>RAG</td>
<td>Grooved Insert</td>
<td>3030, 2929, 2930, 3029, 3E3E, BSBS or WSWS</td>
</tr>
<tr>
<td>RAL</td>
<td>Leather Insert</td>
<td>308K, 30BN, 29BK, 29BN, 3EBK3E, BSKBS, WSBKWS, 3EBN3E, BSNBS or WSBNWS</td>
</tr>
<tr>
<td>RAM</td>
<td>Metallic Insert</td>
<td>2930 or 3030</td>
</tr>
<tr>
<td>RAS</td>
<td>Santoprene Insert</td>
<td>308K, 29BK, 3E3E, BSBS or WSWS</td>
</tr>
<tr>
<td>RCM</td>
<td>Raised Band</td>
<td>2930, 2929, 3030, 3029, 3E3E, BSBS or WSBS</td>
</tr>
<tr>
<td>REM</td>
<td>Plain</td>
<td>2929, 3030, 3E3E, BSBS or WSWS</td>
</tr>
<tr>
<td>RGM</td>
<td>Two Grooves</td>
<td>2929, 3030, 3E3E, BSBS or WSWS</td>
</tr>
</tbody>
</table>

**Two-tone finish — grip of lever is 32D, balance of lever is 32. Rose and lock finish will be 32, Harmony escutcheon will be supplied in 14 to match.**

To order Gramercy Series levers with SARGENT products, see the examples below. When specifying finish, use the last two digits of the BHMA standard finish code, i.e. use “29” for polished stainless, BHMA finish 629.

### How to Order:
**SE LP10 8200 Series Mortise Locks with Gramercy Levers; available with LN, CR, TR, O, TO & CO roses (not available with roseless)**

<table>
<thead>
<tr>
<th>Options</th>
<th>Function</th>
<th>Lock Voltage*</th>
<th>Outside Electrical Trim</th>
<th>Reader Color</th>
<th>Credential Modifier</th>
<th>Rose</th>
<th>Lever</th>
<th>Shank Finish*</th>
<th>Insert Finish</th>
<th>Grip Finish</th>
<th>Hand</th>
<th>Inside Finish</th>
<th>Door Width</th>
</tr>
</thead>
<tbody>
<tr>
<td>Select from pages 25-27</td>
<td>Select from page 5</td>
<td>12VDC or 24VDC</td>
<td>Select IPS for standard multiCLASS</td>
<td>IPS G</td>
<td>03</td>
<td>LN</td>
<td>RAL</td>
<td>29</td>
<td>BN</td>
<td>29</td>
<td>RH</td>
<td></td>
<td></td>
</tr>
<tr>
<td>10-274</td>
<td>12VDC</td>
<td>ET Series</td>
<td>Leather insert</td>
<td>Polished or satin stainless</td>
<td>Black or brown</td>
<td>Polished or satin stainless</td>
<td>RHR, RH, LHR, or LH</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
| **With H1, the reader is always 12VDC. Please select either 12VDC or 24VDC for the lock voltage.**
| **For H2, reader and lock can be either 12VDC or 24VDC.**

### How to Order:
**SE LP10 80 Series Exit Devices with Gramercy Levers and ET trim**

<table>
<thead>
<tr>
<th>Options</th>
<th>Type</th>
<th>Functions</th>
<th>Rail Size</th>
<th>Reader/ Solenoid</th>
<th>Outside Electrical Trim</th>
<th>Reader Color</th>
<th>Credential Modifier</th>
<th>Trim</th>
<th>Lever</th>
<th>Shank Finish*</th>
<th>Insert Finish</th>
<th>Grip Finish</th>
<th>Hand</th>
<th>Inside Finish</th>
<th>Door Width</th>
</tr>
</thead>
<tbody>
<tr>
<td>Select from pages 25-27</td>
<td>Select from 80 Series Exit Device Function chart from page 7</td>
<td>12VDC or 24VDC</td>
<td>Select IPS for standard multiCLASS</td>
<td>IPS G</td>
<td>03</td>
<td>ET</td>
<td>RAL</td>
<td>29</td>
<td>BN</td>
<td>29</td>
<td>RHR</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>10-89</td>
<td>73</td>
<td>F</td>
<td>12VDC</td>
<td>IPS G</td>
<td>03</td>
<td>ET</td>
<td>RAL</td>
<td>29</td>
<td>BN</td>
<td>29</td>
<td>RHR</td>
<td>32D</td>
<td>36</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

*(Code used to specify Gramercy Series finishes only. Use available finishes list to specify desired finish when ordering.)*

**With H1, the reader is always 12VDC. Please select either 12VDC or 24VDC for the lock voltage.**

**For H2, reader and lock can be either 12VDC or 24VDC.**

**How to Order:** SE LP10 80 Series Exit Devices with Gramercy Levers and ET trim
# Rose Designs and ET Trims

## Harmony Series

### Roses

<table>
<thead>
<tr>
<th>Roses</th>
<th>Design</th>
<th>Diameter</th>
<th>Mortise</th>
<th>Cylindrical</th>
</tr>
</thead>
<tbody>
<tr>
<td>LN</td>
<td></td>
<td>2&quot;</td>
<td>X</td>
<td></td>
</tr>
<tr>
<td>CR</td>
<td></td>
<td>2-3/16&quot;</td>
<td>X</td>
<td></td>
</tr>
<tr>
<td>TR</td>
<td></td>
<td>2-3/16&quot;</td>
<td>X</td>
<td></td>
</tr>
<tr>
<td>O</td>
<td></td>
<td>2-3/4&quot;</td>
<td>X</td>
<td></td>
</tr>
<tr>
<td>CO</td>
<td></td>
<td>2-3/4&quot;</td>
<td>X</td>
<td></td>
</tr>
<tr>
<td>TO</td>
<td></td>
<td>2-3/4&quot;</td>
<td>X</td>
<td></td>
</tr>
<tr>
<td>L</td>
<td></td>
<td>3-1/2&quot;</td>
<td>X</td>
<td></td>
</tr>
<tr>
<td>G</td>
<td></td>
<td>3-1/2&quot;</td>
<td>X</td>
<td></td>
</tr>
<tr>
<td>E2</td>
<td></td>
<td>2-11/16' h</td>
<td>X</td>
<td></td>
</tr>
<tr>
<td>E3</td>
<td></td>
<td>2-1/16' h</td>
<td>X</td>
<td></td>
</tr>
<tr>
<td>E4</td>
<td></td>
<td>3-1/4' h x 2-1/16' w</td>
<td>X</td>
<td></td>
</tr>
</tbody>
</table>

### ET Lever Controls for Exit Devices

The 700 Series ET and Lever Control is the external trim with all Harmony 80 Series exit devices. ET Escutcheons and levers are plated brass. Stainless steel levers are available.

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## Access Credentials
### Harmony Series

Below are 125 kHz proximity and 13.56 MHz iCLASS credentials offered by SARGENT. Other credentials (125 kHz proximity and 13.56 MHz iCLASS, 26-39 bit formats) can be purchased from HID.

### Credential Features
- 26 bit Wiegand format available (consult factory for additional formats)
- HID-based proximity cards, fobs, tags or iCLASS cards
- Allows integration into existing facilities with HID-based technology
- SARGENT standard credentials are 26 Bit Wiegand format, Site Code and Proximity ID assigned by SARGENT
- Custom credentials available with customer assigned ID#'s, Facility Code, etc. Consult Factory

<table>
<thead>
<tr>
<th>Product #</th>
<th>Features</th>
<th>Image</th>
</tr>
</thead>
</table>
| PCH-C30    | **SARGENT HID iCLASS 210**  
  - Site Code and Proximity ID#’s determined and controlled by SARGENT  
  - 26 Bit Format, HID Coded Wiegand Output 13.56 MHz  
  - Dimensions: 2-1/8” x 3-3/8” (54mm x 85.7mm)  
  - Thickness: .031” nom. (1.8mm)  
  - Cards ordered individually*** (Min. Order is 25 Cards) | ![Image](image1.png) |
| PCH-C30-C  | *Custom - Consult Factory*  
  - ISOProx® II Card  
  - Site Code and Proximity ID#’s determined and controlled by SARGENT  
  - 26 Bit Format, HID Coded Wiegand Output 13.56 MHz  
  - Dimensions: 2-1/8” x 3-3/8” (54mm x 85.7mm)  
  - Thickness: .031” nom. (1.8mm)  
  - Blank Cards can be printed on by others  
  - Cards ordered individually*** (Min. Order is 25 Cards) | ![Image](image2.png) |
| PCH-P30    | **ISOProx® II Card**  
  - Site Code and Proximity ID#’s determined and controlled by SARGENT  
  - 26 Bit Format, HID Coded Wiegand Output 125kHz  
  - Dimensions: 2-1/8” x 3-3/8” (54mm x 85.7mm)  
  - Thickness: .031” nom. (0.84mm)  
  - Blank Cards can be printed on by others  
  - Cards ordered individually*** (Min. Order is 25 Cards) | ![Image](image3.png) |
| PCH-P30-C  | *Custom - Consult Factory*  
  - ISOProx® II Card  
  - Site Code and Proximity ID#’s requested by customer  
  - ISOProx® II Tag ordered individually***  
  - ISOProx® II Tag with custom Site Code, consult factory for minimum quantities | ![Image](image4.png) |

### MicroProx Tag Transponders

The MicroProx Tag is a coin-sized (disk-shaped) transponder that provides the ability to add HID proximity technology to a device. The MicroProx Tag has an adhesive backing which allows it to be secured to any non-metallic object.

- Easily Secured To: Employee badges, PDAs, Magnetic stripe cards, Cell phones
- 26 Bit Format, HID Coded Wiegand Output 125kHz
- Gray color with HID Logo
- Proximity ID# marked on each Tag
- Dimensions: 1.285” Dia. x 0.070” (32.6mm x 1.78mm)

**NOTE:** The MicroProx Tag should be attached to magnetic stripe cards so that contact with the magnetic card reader is avoided.

### SARGENT ProxKey III

| PF         | **PF SARGENT ProxKey III**  
  - Site Code and Proximity ID#’s determined and controlled by SARGENT  
  - 26 Bit Format, HID Coded Wiegand Output 125kHz  
  - 1.555” x 1.25” x 0.235” inches max (3.95 cm x 3.18 cm x 0.60 cm)  
  - Key ring sold separately (part no. 57-0001-02)  
  - SARGENT ProxKey III ordered individually*** (Minimum order is 25 ProxKey III) | ![Image](image5.png) |
| PF-C       | **PF-C Custom ProxKey III**  
  - Site Code - requested by customer  
  - Proximity ID#’s requested by customer  
  - 26 Bit Format, HID Coded Wiegand Output 125kHz  
  - 1.555” x 1.25” x 0.235” inches max (3.95 cm x 3.18 cm x 0.60 cm)  
  - Key ring sold separately (part no. 57-0001-02)  
  - PF-C Custom ProxKey III ordered individually*** (Minimum order is 100 Custom ProxKey III) | ![Image](image6.png) |
SARGENT is proud to offer this line of HID multiCLASS readers for your use with 125 kHz prox-enabled systems. For security managers, dealers, integrators and OEMs, HID credential technology and multiCLASS readers are recognized as the industry standard for physical access control. Featuring multiCLASS technology, HID products are robust, affordable, and seamlessly integrate with all popular access control systems.

<table>
<thead>
<tr>
<th>Product #</th>
<th>Features</th>
<th>Image</th>
</tr>
</thead>
</table>
| WR01-P    | • Mini-Mullion Size multiCLASS Reader  
            • Measures 4.1" High, 1.9" Wide, .9" Deep  
            • Mounts in U.S. Single Gang J-box; 5-16 VDC Linear supply recommended  
            • Available with either Pigtail (-P) or Terminal Block (-T)  
            • Wiegand interface  
            • HID Product: R10  
            • Supported Credentials:  
              - HID Mobile Access Mobiles IDs via NFC and Bluetooth Smart - reader  
              - reader equipped with Bluetooth Smart module. Also supports iCLASS Seos,  
              - iCLASS SE, iCLASS SR, iCLASS, MIFARE Classic (SIO-enabled), MIFARE  
              - DESFire EV1 (SIO-enabled), ISO 14443 UID, HID Prox |
| WR01-T    | • Mullion Size multiCLASS Reader  
            • Measures 6" High, 1.9" Wide, .9" Deep  
            • Mounts in U.S. Single Gang J-box; 5-16 VDC Linear supply recommended  
            • Available with either Pigtail (-P) or Terminal Block (-T)  
            • Wiegand interface  
            • HID Product: R15  
            • Supported Credentials:  
              - HID Mobile Access Mobiles IDs via NFC and Bluetooth Smart - reader  
              - reader equipped with Bluetooth Smart module. Also supports iCLASS Seos,  
              - iCLASS SE, iCLASS SR, iCLASS, MIFARE Classic (SIO-enabled), MIFARE  
              - DESFire EV1 (SIO-enabled), ISO 14443 UID, HID Prox |
| WR02-P    | • Wall Switch Size multiCLASS Reader  
            • Measures 4.8" High, 3.3" Wide, 1.1" Deep  
            • Designed to mount and cover single gang switch boxes  
            • Mounts in U.S. Single Gang J-box; 5-16 VDC Linear supply recommended  
            • Available with either Pigtail (-P) or Terminal Block (-T)  
            • Available with Wiegand interface  
            • HID Product: R40  
            • Supported Credentials:  
              - HID Mobile Access Mobiles IDs via NFC and Bluetooth Smart - reader  
              - reader equipped with Bluetooth Smart module. Also supports iCLASS Seos,  
              - iCLASS SE, iCLASS SR, iCLASS, MIFARE Classic (SIO-enabled), MIFARE  
              - DESFire EV1 (SIO-enabled), ISO 14443 UID, HID Prox |
| WR02-T    | • Wall Switch Size multiCLASS Reader with Keypad  
            • Measures 4.8" High, 3.3" Wide, 1.1" Deep  
            • Designed to mount and cover single gang switch boxes  
            • Mounts in U.S. Single Gang J-box; 5-16 VDC Linear supply recommended  
            • Available with either Pigtail (-P) or Terminal Block (-T)  
            • Available with Wiegand interface  
            • Keypad Data: Buffer one key, no parity, 4 bit message  
            • HID Product: RK40  
            • Supported Credentials:  
              - HID Mobile Access Mobiles IDs via NFC and Bluetooth Smart - reader  
              - reader equipped with Bluetooth Smart module. Also supports iCLASS Seos,  
              - iCLASS SE, iCLASS SR, iCLASS, MIFARE Classic (SIO-enabled), MIFARE  
              - DESFire EV1 (SIO-enabled), ISO 14443 UID, HID Prox |

**How to Order:** Specify SARGENT Product #: e.g., WR02-P
Weather Seal Gasketing

- Provides a seal between outside escutcheon & the door and inside escutcheon and the door
- Weather seal gaskets are included for outdoor use (non-fire rated exterior door applications only)

Wiegand Test Unit (WT1)

Developed for SARGENT Harmony Series, the ASSA ABLOY Wiegand Test Unit verifies your Harmony installation in the field. The test unit checks for proper wiring, card reader data integrity, lock functionality including lock/unlock, door position status, and request-to-exit, or REX, status. In addition, this tool provides product demonstration abilities to highlight the product’s features and capabilities.

Features:
- 12 or 24VDC lock voltage adjustable
- Operates in Fail Safe or Fail Secure
- “Learn” mode allows testing of specific cards without programming at the panel level
- Card reader data integrity is validated at test unit
- Works with Harmony H1 and H2 Series
- WT2 available with LCD Display.
- Card Data Output
- EOL Resistor Output

Wiegand Test Unit
Power Supplies and 10 Line Strike Option
Harmony Series

Requirements for Electrical and Data Transfer

To answer the demand for “smart” electronic access control and locking solutions that require fast, easy, and cost-effective installation, ASSA ABLOY Group brands use the ElectroLynx® standardized plug-in connectors and color-coded wiring system.

With ElectroLynx, doorway components come pre-wired for easy hookup to the power source. Key to the system is the transfer device hinge that carries power from the frame to the locking hardware.

Features of ElectroLynx:
- Makes it easy to bring power to the locking hardware
- Wires have connectors that snap together, like plugging a telephone into a jack

To connect Harmony Series hardware to the electronic access control system, the following items are required:
- Harmony mortise or cylindrical lock, or exit device
- ASSA ABLOY Door Group pre-wired door, or ElectroLynx retrofit cable (order from McKinney)
- Electronic transfer hinge or pivot, or electrical power transfer with standard hinge from McKinney or Securitron
- ElectroLynx cable from the hinge to the above the ceiling (order from McKinney)

Information regarding cable selection, hinge requirements and order strings can be found in the McKinney Transfer Device Solutions catalog. Consult 800-810-WIRE (9473) with questions on application specifications and requirements.

McKinney QC12 ElectroLynx hinges (or McKinney EL-EPT) are recommended for Harmony applications

12VDC & 24VDC Power Supplies:

- UL Class 2 Listed
- Four 12V models and four 24V models available
- Integral battery charging capability keeps sealed lead acid gel/cell at full charge in case of line voltage failure (737 battery sold separately)
- Fused line voltage input with one, four, or eight DC outputs (depending on model)
- Each circuit can be individually turned on and off via a slide switch; the power status of each is shown by an LED.
- In the event of a DC short, the problem is confined to the zone of difficulty
- Fire alarm interface standard

<table>
<thead>
<tr>
<th>SARGENT MODEL No.</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>3521</td>
<td>12V - 1 AMP POWER SUPPLY</td>
</tr>
<tr>
<td>3541</td>
<td>12V - 3 AMP POWER SUPPLY</td>
</tr>
<tr>
<td>3551</td>
<td>12V - 4.5 AMP POWER SUPPLY</td>
</tr>
<tr>
<td>3571</td>
<td>12V - 6 AMP POWER SUPPLY</td>
</tr>
<tr>
<td>737</td>
<td>12V - 5 AMP HOUR BACKUP BATTERY</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>SARGENT MODEL No.</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>3520</td>
<td>24V - 1 AMP POWER SUPPLY</td>
</tr>
<tr>
<td>3540</td>
<td>24V - 2 AMP POWER SUPPLY</td>
</tr>
<tr>
<td>3550</td>
<td>24V - 4 AMP POWER SUPPLY</td>
</tr>
<tr>
<td>3570</td>
<td>24V - 6 AMP POWER SUPPLY</td>
</tr>
<tr>
<td>738</td>
<td>24V - 5 AMP HOUR BACKUP BATTERY</td>
</tr>
</tbody>
</table>

H1/H2-10 Line Strikes:

2-3/4” Curved Lip Strike – Standard

4-7/8” Curved Lip Strike: To order specify 28- prefix
# Mechanical Options

## Harmony Series

**To order options listed below, list the alpha or numerical code before the product model number**

### Mechanical Options:

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fire Rated</td>
<td>12- UL Fire Label Exit hardware (exit devices only, not available with 16- &amp; HK-)</td>
</tr>
<tr>
<td>Brass Bottom Bolt</td>
<td>14- Sliding brass bolt bottom case (non-fire rated 8700 devices only)</td>
</tr>
<tr>
<td>Cylinder Dogging</td>
<td>16- Cylinder lock down (non-fire rated exit devices only)</td>
</tr>
<tr>
<td>LD-</td>
<td>Less hex key dogging (non-fire rated exit devices only)</td>
</tr>
<tr>
<td>Integrated Door Position Switch</td>
<td>IDP- Integrated door position switch (8200 mortise locks only) patent pending</td>
</tr>
<tr>
<td>Less Touch Pad</td>
<td>19- Pushbar without Lexan touchpad (exit devices only)</td>
</tr>
<tr>
<td>10 Line Backsets</td>
<td>23- 3-3/4&quot; Backset x 2-1/4&quot; x 1-1/8&quot; front for (10 Line only)</td>
</tr>
<tr>
<td>25-</td>
<td>5&quot; Backset x 2-1/4&quot; x 1-1/8&quot; front for (10 Line only)</td>
</tr>
<tr>
<td>Strike Options</td>
<td>23- 4-7/8&quot; (124mm) ANSI flat lip strike (for 8900 mortise lock exit device &amp; mortise locks only)</td>
</tr>
<tr>
<td>28-</td>
<td>4-7/8&quot; Strike #808, Lip length 1-1/4&quot; (10 Line only)</td>
</tr>
<tr>
<td>Security Fasteners</td>
<td>36- 6 Lobe head security screws (Torrx® type) (Not available with R8200 mortise locks)</td>
</tr>
<tr>
<td>37-</td>
<td>Spanner head screws (Not available with Studio levers)</td>
</tr>
<tr>
<td>3/4&quot; Latch Throw</td>
<td>41- 3/4&quot; (19mm) throw latch x 2-3/4&quot; (70mm) backset (10 Line only)</td>
</tr>
<tr>
<td>Flush End Cap</td>
<td>43- Flush End Cap</td>
</tr>
<tr>
<td>Electric Latch Retraction</td>
<td>56- Electric Latch Retraction (exit devices only)</td>
</tr>
</tbody>
</table>

### Tactile Warning Options:

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>75-</td>
<td>Tactile Warning - Milled Inside Lever (Not available with exit devices, Studio &amp; Coastal levers and the A lever)</td>
</tr>
<tr>
<td>76-</td>
<td>Tactile Warning - Milled Outside Lever (Not available with Studio &amp; Coastal levers and the A lever)</td>
</tr>
<tr>
<td>77-</td>
<td>Tactile Warning - Milled Inside &amp; Outside Lever (Not available with exit devices, Studio &amp; Coastal levers and the A lever)</td>
</tr>
<tr>
<td>85-</td>
<td>Tactile Warning - Abrasive Coating on Inside Lever (or push rail for exits) (Not available with Studio &amp; Coastal levers)</td>
</tr>
<tr>
<td>86-</td>
<td>Tactile Warning - Abrasive Coating on Outside Lever (Not available with Studio &amp; Coastal levers)</td>
</tr>
<tr>
<td>87-</td>
<td>Tactile Warning - Abrasive Coating on Outside Lever &amp; Inside Lever (or push rail for exits) (Not available with Studio &amp; Coastal Levers)</td>
</tr>
</tbody>
</table>

### Finish Protection

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>CPC-</td>
<td>Clear Powder Coat (Available for 26, 26D, 32 &amp; 32D finishes)</td>
</tr>
<tr>
<td>SG-</td>
<td>MicroShield® antimicrobial clear powder coat (available for 15, 26D, and 32D finishes)</td>
</tr>
</tbody>
</table>

### Top Rod Only

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>NB-</td>
<td>Less bottom rod &amp; bolt (for MD/WD/AD8600 CVR devices, 8700 SVR devices, and 7000 Series multi-point vertical rod locks only)</td>
</tr>
</tbody>
</table>

### SARGuide

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>PL-</td>
<td>SARGuide™ PL – Photoluminescent coated push rail – (Touchpad eliminated) (Not available 75-, 77 &amp; TL-)</td>
</tr>
</tbody>
</table>

### Through-Bolts

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>TB-</td>
<td>Through-Bolts</td>
</tr>
</tbody>
</table>

### Windstorm Options

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>HC-</td>
<td>Hurricane Code (rim and surface vertical rod exit devices only, see page 28 for details)</td>
</tr>
<tr>
<td>HC4-</td>
<td>Hurricane Code up to 150 psf (8700 surface vertical rod exit devices only, see page 28 for details)</td>
</tr>
<tr>
<td>WS-</td>
<td>Windstorm Rated (rim &amp; mortise lock exit devices only, see page 28 for details)</td>
</tr>
</tbody>
</table>

### Handing

- **LH** - Left Hand Door (Outside)  
- **RH** - Right Hand Door (Outside)  
- **LHR** - Left Hand Reverse Door (Outside)  
- **RHR** - Right Hand Reverse Door (Outside)

**Note:** More Cylinder Options on the following page.
## Cylinder Options

**Harmony Series**

To order options listed below, list the alpha or numerical code before the product model number

### Cylinder Options:

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>DG1-</td>
<td>SARGENT Degree Key System Level 1</td>
</tr>
<tr>
<td>DG1-21-</td>
<td>Degree Level 1 Construction Master Keying</td>
</tr>
<tr>
<td>DG1-60-</td>
<td>Degree Level 1 Removable Disposable Construction Core (not available with cylindrical locks)</td>
</tr>
<tr>
<td>DG1-63-</td>
<td>Degree Level 1 Removable Core (not available with cylindrical locks)</td>
</tr>
<tr>
<td>DG1-64-</td>
<td>Degree Level 1 Removable Construction Keyed LFIC (not available with cylindrical locks)</td>
</tr>
<tr>
<td>DG1-65-</td>
<td>Degree Level 1 Unassembled/Uncombined Core</td>
</tr>
<tr>
<td>DG1-78-</td>
<td>Degree Level 1 Exposed Plug (not available with cylindrical locks or exit devices)</td>
</tr>
<tr>
<td>DG2-</td>
<td>SARGENT Degree Key System Level 2</td>
</tr>
<tr>
<td>DG2-21-</td>
<td>Degree Level 2 Construction Master Keying</td>
</tr>
<tr>
<td>DG2-60-</td>
<td>Degree Level 2 Removable Disposable Construction Core (not available with cylindrical locks)</td>
</tr>
<tr>
<td>DG2-63-</td>
<td>Degree Level 2 Removable Core (not available with cylindrical locks)</td>
</tr>
<tr>
<td>DG2-64-</td>
<td>Degree Level 2 Removable Construction Keyed LFIC (not available with cylindrical locks)</td>
</tr>
<tr>
<td>DG2-65-</td>
<td>Degree Level 2 Unassembled/Uncombined Core</td>
</tr>
<tr>
<td>DG2-78-</td>
<td>Degree Level 2 Exposed Plug (not available with cylindrical locks or exit devices)</td>
</tr>
<tr>
<td>DG3-</td>
<td>SARGENT Degree Key System Level 3</td>
</tr>
<tr>
<td>DG3-21-</td>
<td>Degree Level 3 Construction Master Keying</td>
</tr>
<tr>
<td>DG3-60-</td>
<td>Degree Level 3 Removable Disposable Construction Core (not available with cylindrical locks)</td>
</tr>
<tr>
<td>DG3-63-</td>
<td>Degree Level 3 Removable Core (not available with cylindrical locks)</td>
</tr>
<tr>
<td>DG3-64-</td>
<td>Degree Level 3 Removable Construction Keyed LFIC (not available with cylindrical locks)</td>
</tr>
<tr>
<td>DG3-78-</td>
<td>Degree Level 3 Exposed Plug (not available with cylindrical locks or exit devices)</td>
</tr>
<tr>
<td>10-</td>
<td>SARGENT Signature Key System (Not Available with other Key Systems)</td>
</tr>
<tr>
<td>10-21-</td>
<td>SARGENT Signature Construction Key System (Lost Ball)</td>
</tr>
<tr>
<td>10-63-</td>
<td>SARGENT Signature Large Format Interchangeable Core (Removable Core) Cylinder</td>
</tr>
<tr>
<td>11-</td>
<td>XC Key System (not available with 10-, 22-)</td>
</tr>
<tr>
<td>11-21-</td>
<td>XC Construction Key System (Lost Ball)</td>
</tr>
<tr>
<td>11-60-</td>
<td>Hardware to accept XC- Permanent LFIC (Removable Core), Disposable Plastic Core- provided</td>
</tr>
<tr>
<td>11-63-</td>
<td>Hardware provided with XC- LFIC (Removable Core) Cylinder - (Includes masterkeying, grand masterkeying)</td>
</tr>
<tr>
<td>11-64-</td>
<td>Hardware provided with Keyed construction core to accept XC- LFIC (Removable) Permanent Core (ordered separately)</td>
</tr>
<tr>
<td>11-70-7P-</td>
<td>Hardware to accept XC- SFIC ( 7-Pin) XC-Permanent Cores, Plastic Disposable Core Provided (10 Line J lever not available)</td>
</tr>
<tr>
<td>11-72-7P-</td>
<td>Hardware to accept XC- SFIC (7-Pin Keyed Construction Core provided) cylinder Permanent Core ordered separately (10 Line J lever not available)</td>
</tr>
<tr>
<td>11-73-7P-</td>
<td>Hardware supplied with XC- Small Format 7-Pin interchangeable core (Includes masterkeying, grand masterkeying) (10 Line J lever not available)</td>
</tr>
<tr>
<td>11-65-73-7P-</td>
<td>Hardware provided to accept XC- Uncombinated 7-Pin SFIC (Permanent) Core (10 Line J lever not available)</td>
</tr>
</tbody>
</table>
To order options listed below, list the alpha or numerical code before the product model number.

### Cylinder Options:

<table>
<thead>
<tr>
<th>Construction Key Systems</th>
<th>21-</th>
<th>SARGENT Lost Ball Construction Keying for Conventional, XC and Signature Series (N/A with 63- or 73-)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Special Cams</td>
<td>22-</td>
<td>SARGENT Construction Split Key System for Conventional Cylinders (Existing Systems Only) (N/A with 10-, 11-, 63- or 73-)</td>
</tr>
<tr>
<td>Old Style Removable Core</td>
<td>47-</td>
<td>Special Cams for mortise cylinders</td>
</tr>
<tr>
<td>Large Format Interchangeable Core</td>
<td>51-</td>
<td>Removable Core Cylinder (Old Style) provided (Existing Systems Only)</td>
</tr>
<tr>
<td></td>
<td>52-</td>
<td>Removable Construction Core (Old Style) Permanent core ordered separately (Existing Systems Only)</td>
</tr>
<tr>
<td>Interchangeable Cores</td>
<td>60-</td>
<td>Hardware to accept SARGENT Permanent LFIC (Removable Core), Disposable Plastic Core provided (Permanent Cores ordered separately)</td>
</tr>
<tr>
<td></td>
<td>63-</td>
<td>Hardware provided with LFIC (Removable Core) Cylinder - (Includes keyraking, grand keyraking)</td>
</tr>
<tr>
<td></td>
<td>64-</td>
<td>Hardware provided with Keyed construction core to accept LFIC (Removable Core) (Permanent core ordered separately)</td>
</tr>
<tr>
<td>Keso &amp; Keso F1</td>
<td>70-</td>
<td>Hardware to accept 6 or 7-Pin SFIC Permanent Cores, Plastic Disposable Core provided (10 Line J lever not available)</td>
</tr>
<tr>
<td></td>
<td>72-</td>
<td>Hardware to accept 6 or 7-Pin SFIC (Keyed Construction Core provided) Cylinder (10 Line J lever not available) (Permanent Core ordered separately)</td>
</tr>
<tr>
<td></td>
<td>73-</td>
<td>Hardware supplied with 6 pin SFIC (Includes masterkeying, grand masterkeying) (10 Line J lever not available)</td>
</tr>
<tr>
<td></td>
<td>65-73-</td>
<td>Hardware provided to accept Uncombined 6-Pin SFIC (Permanent) Core (10 Line J lever not available)</td>
</tr>
<tr>
<td></td>
<td>65-73-7P-</td>
<td>Hardware provided to accept Uncombined 7-Pin SFIC (Permanent) Core (10 Line J lever not available)</td>
</tr>
<tr>
<td></td>
<td>73-7P-</td>
<td>Hardware supplied with Small Format 7-Pin Interchangeable Core (Includes masterkeying, grand masterkeying) (10 Line J lever not available)</td>
</tr>
<tr>
<td>Bump Resistant Less Cylinder</td>
<td>BR-</td>
<td>Bump Resistant Cylinder (Available with Conventional &amp; Conventional XC Cylinders Only)</td>
</tr>
<tr>
<td></td>
<td>LC-</td>
<td>Hardware supplied less cylinder</td>
</tr>
<tr>
<td>Accept Schlage Cylinders</td>
<td>30-</td>
<td>Lever to accept Schlage Cylinder-Cylinder is not provided (10 Line only)</td>
</tr>
<tr>
<td></td>
<td>SF-</td>
<td>L Lever to accept Medeco KeyMark Large Format Interchangeable and Schlage Full Size Interchangeable Core (10 Line only)</td>
</tr>
<tr>
<td>Schlage Keyways</td>
<td>SC-</td>
<td>Schlage C keyway cylinder, 0 bitted (Not available with 8900 Series Exit devices)</td>
</tr>
<tr>
<td></td>
<td>SE-</td>
<td>Schlage E keyway cylinder, 0 bitted (Not available with 8900 Series Exit devices)</td>
</tr>
</tbody>
</table>

**Note:** For V-10 Cylinders and information, contact ASSA, Inc. @ 800-235-7482

<table>
<thead>
<tr>
<th>Hardware</th>
<th>Shipping Weight</th>
<th>Pc. Count/Carton</th>
</tr>
</thead>
<tbody>
<tr>
<td>H1-/H2-82280/82281 x lever trim (with cylinder &amp; DB)</td>
<td>11.7 lbs (5.3 kg)</td>
<td>1/carton</td>
</tr>
<tr>
<td>H1-/H2-82270/82271 x lever trim (with cylinder)</td>
<td>11.2 lbs (5.1 kg)</td>
<td>1/carton</td>
</tr>
<tr>
<td>H1-/H2-82284/82285 x lever trim (w/o cylinder &amp; w/DB)</td>
<td>11.2 lbs (5.1 kg)</td>
<td>1/carton</td>
</tr>
<tr>
<td>H1-/H2-82274/82275 x lever trim (w/o cylinder &amp; DB)</td>
<td>10.7 lbs (4.9 kg)</td>
<td>1/carton</td>
</tr>
<tr>
<td>H1-/H2-10G270/271 with lever</td>
<td>10.1 lbs (4.6 kg)</td>
<td>1/carton</td>
</tr>
<tr>
<td>H1-/H2-8973/74/75/76 with ET</td>
<td>23.0 lbs (10.4 kg)</td>
<td>1/carton</td>
</tr>
<tr>
<td>H1-/H2-8873/74/75/76 with ET</td>
<td>21.0 lbs (9.5 kg)</td>
<td>1/carton</td>
</tr>
<tr>
<td>H1-/H2-8773/74 with ET</td>
<td>28.0 lbs (12.7 kg)</td>
<td>1/carton</td>
</tr>
<tr>
<td>H1-/H2-MD8673/74 with ET</td>
<td>27.0 lbs (12.2 kg)</td>
<td>1/carton</td>
</tr>
</tbody>
</table>
Windstorm Certifications: UL Listed & Florida Building Codes

Harmony Series

Sargent Manufacturing offers a wide variety of products that meet building codes requiring hurricane, windstorm and FEMA certifications. SARGENT products are tested to meet the requirements of the most severe building codes as specified by the Florida Building Code, Miami Dade Code Requirements and in the International Building Code. Listed below are certifications and the standards met by these products.

Harmony 10 Line cylindrical locks are UL Certified and Listed on the Florida Building Code Website as stated:
- UL Listed per ANSI/SDI-BHMA A250.13
- ANSI/ASTM E330-2002
- ANSI/ASTM E1886-2002
- ASTM E1996-2002
- Testing Application Standard (TAS) 201-1994*
- Testing Application Standard (TAS) 202-1994*

Harmony 8200/R8200 Series mortise locks are UL Certified and Listed on the Florida Building Code Website as stated:
- UL Listed per ANSI/SDI-BHMA A250.13
- ANSI/ASTM E330-2002
- ANSI/ASTM E1886-2002
- ASTM E1996-2002
- Testing Application Standard (TAS) 201-1994*
- Testing Application Standard (TAS) 202-1994*

Harmony HC8800 rim exit devices are UL Certified and Listed on the Florida Building Code Website as stated:
- Harmony HC8800 for single and double door applications; 8-0 max opening
- UL Listed per ANSI/SDI-BHMA A250.13
- ANSI/ASTM E330-2002
- ANSI/ASTM E1886-2002
- Testing Application Standard (TAS) 201-1994*

Harmony HC4-8700 surface vertical rod exit devices are UL Certified and Listed on the Florida Building Code Website as stated:
- Harmony HC4-8700 for single and double door applications up to 150 psf, 8'-0' max opening
- UL Listed per ANSI/SDI-BHMA A250.13
- ASTM E330-02
- ASTM E1886-02
- ASTM E1996-02

Harmony WS8800 rim exit devices are UL Certified and Listed on the Florida Building Code Website as stated:
- Harmony WS8800 for Single Hollow Metal 1-3/4" Thick Doors applications, 30" x 70" Max. Door with 6" Min Stile
- UL Listed per ANSI/SDI-BHMA A250.13
- ANSI/ASTM E330-2002
- ANSI/ASTM E1886-2002
- ASTM E1996-2002

Harmony WS8900 mortise lock exit devices are UL Certified and Listed on the Florida Building Code Website as stated:
- Harmony WS8900 available for Single Hollow Metals Doors applications for 1-3/4" Thick door, 30" x 70" Max. Door with 6" Min Stile
- UL Listed per ANSI/SDI-BHMA A250.13
- ANSI/ASTM E330-2002
- ANSI/ASTM E1886-2002
- ASTM E1996-2002

The ASSA ABLOY Group is the global leader in access solutions. Every day, we help billions of people experience a more open world.

ASSA ABLOY Opening Solutions leads the development within door openings and products for access solutions in homes, businesses and institutions. Our offering includes doors, frames, door and window hardware, locks, perimeter fencing, access control and service.