Harmony Series H1

Integrated Wiegand Solutions
Access Control Products
Harmony Series H1
Integrated Wiegand Solutions
Access Control Products

Table of Contents
Overview and Product Features of H1 ............................................ 1
H1-8200 Series Mortise Lock ......................................................... 2
H1-10 Line Bored Lock ................................................................. 3
H1-80 Series Exit Devices .............................................................. 4-5
10 Line Levers and Roses ............................................................. 6
Exit and Mortise Levers, Roses and Trim ...................................... 7-8
Access Credentials ...................................................................... 9-11
125kHz Proximity Readers ......................................................... 12-13
Accessories and ElectroLynx ....................................................... 14
Architectural Specifications ......................................................... 15
Prefixes ...................................................................................... 16
Finishes, Handing and How to Order ......................................... 17

Sophisticated Access Control Solution
• Consolidates all components into the lock
  – Incorporates card reader, Door Position Switch (DPS) and Latchbolt monitoring sensors and REX signaling
  – Eliminates reader interface modules
• 50% 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 HID 125 kHz proximity credentials, including Corporate 1000, to match your card format
• 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, bored locks and rim, surface and concealed vertical rod exit trim

MicroShield Coating
• Revolutionary finish coating available on all SARGENT product lines, utilizes a silver-based antimicrobial coating 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.)

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

MicroShield™
As part of their promise to provide innovative solutions to their customers, ASSA ABLOY Group companies offer the MicroShield technology, a silver-based antimicrobial coating designed to stem the spread of germs and bacteria. MicroShield™ is a trademark of ASSA ABLOY, Inc.

AgION Antimicrobial is
EPA registered,
FDA recognized and
NSF certified

The AgION antimicrobial is not intended as a substitute for good hygiene. Coated products must still be cleaned to insure the surfaces will be free of destructive microbes. ASSA ABLOY makes no representations or warranties, express or implied, as to the efficacy of the AgION antimicrobial. A copy of the AgION warranty is available upon request.

On the Cover
H1-82274 x LNMV Mortise Lock with the MV Studio Collection lever
Harmony Series H1
Access Control Products
Overview and Features

Overview
The Harmony Series H1 products are easily integrated into a Wiegand compatible access control system. The Harmony Series H1 uses 125 kHz HID proximity reader technology. The H1 is a sleek, pleasing design with technology that is backed by SARGENT’s Grade 1 hardware including: the 8200 Mortise Lock, 10 Line Bored lock and a variety of 80 Series Exit Devices (SVR, CVR, Rim and Mortise). The Exit Devices are available UL Listed for use on fire rated doors. Lever designs and finishes for the H1 Series are offered for the three types of locks to create continuity of design.

The Harmony Series monitoring features vary based on the type of lock. Example: The Harmony Mortise lock includes request to exit and the door position switch all integrated into the lock. All Harmony products offers solenoid (Fail Safe or Fail Secure) operation.

H1: Proximity

The H1 interfaces with Wiegand Open Architecture Access Control Systems. The 125kHz prox reader is housed within the exterior escutcheon and accepts all HID formats.

Common Features of Harmony Series H1 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 reader
• UL Listed for fire doors available (12- for exit devices)
• UL Listed to Canadian safety standards
• 12VDC external power required, optional 24VDC operation available (reader always 12VDC)
• Solenoid Controlled with the option of Fail Safe or Fail Secure
• ElectroLynx® connector system
• Monitoring is based on lock type selected

H1 shown
The Harmony Series H1 Mortise Lock product integrates SARGENT’s 8200 Series Grade 1 mortise lock into an existing Wiegand compatible access control system. The H1 Mortise lock monitors the door position as well as the latchbolt, producing SARGENT’s “Latched and Secure” monitoring. This technology incorporates the door monitoring and latchbolt position in series, ensuring that the door is closed and the latchbolt is extended.

The Harmony Series H1 mortise product has a clean, crisp design and is available with 36 lever designs, which include 8 standard levers, 5 Coastal Series levers and 23 Studio Collection levers 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
- 12VDC external power required, optional 24VDC operational mortise locks available (reader always 12VDC)
- Fail Safe or Fail Secure option
- 3/4” stainless steel, anti-friction reversible latch
- H1-8200 Series Levers and Roses are shown on page 7 and 8

**H1 8200 Mortise Lock**

**H1-82270 Fail Safe - Entry Lock with Cylinder Override (No Deadbolt)**

**H1-82280 Fail Safe - Entry Lock with Deadbolt and Cylinder Override**
- Key outside retracts latch when trim is locked electronically
- Trim outside rigid unless unlocked electronically
- Trim inside always retracts latch
- Guardbolt deadlocks latch
- Fail Safe - Power off, unlocks outside trim
- Request-to-Exit, Latchbolt Monitoring and Door Position are standard
- 82280 also includes a deadbolt and thumb turn

**H1-82271 Fail Secure - Entry Lock with Cylinder Override (No Deadbolt)**

**H1-82281 Fail Secure - Entry Lock with Deadbolt and Cylinder Override**
- Key outside retracts latch when trim is locked electronically
- Trim outside rigid unless unlocked electronically
- Trim inside always retracts latch
- Guardbolt deadlocks latch
- Fail Secure - Power off, locks outside trim
- Request-to-Exit, Latchbolt Monitoring and Door Position are standard
- 82281 also includes a deadbolt and inside thumb turn

**Escutcheon**
- Escutcheons are brass base material
- Operating temperature -40°F (-40°C) to 135°F (57°C)
- A multi-colored LED indicates valid/invalid entries
- Proximity Reader Projection is approximately 3/4”
The Harmony Series H1 10 Line Bored 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 H1 10 Line Bored Lock has a clean, crisp design and is available with six lever styles and eleven hardware finishes. The ability to use six similar lever designs (B, J, L, P and the Coastal levers Y and G) 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
- 12VDC external power required, optional 24VDC operational bored locks available (reader always 12VDC)
- Fail Safe or Fail Secure option
- 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
- Handed (Specify RH, RHR, LH or LHR)
- Heavy duty lever spring return
- Steel mounting studs
- Cylinder override standard

**H1 10 Line Bored Lock**

**H1-10G270 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
- H1-10 Line Levers and Roses are shown on page 6

**3287 Door Position Switch (DPS)**
- SPDT concealed switch (3 wire)
- Contacts rated .50 Amp @ 12VDC
- Contacts rated .25 Amp @ 24 VDC
- Requires 1” diameter hole

**Escutcheons**
- Escutcheons are brass base material
- Operating temperature -40°F (-40°C) to 135°F (57°C)
- A multi-colored LED indicates valid/invalid entries
- Proximity Reader Projection is approximately 3/4”

---

**2-3/4” Curved Lip Strike - Standard**

**4-7/8” Curved Lip Strike: To order specify 28- prefix**
Harmony Series H1

The Harmony Series Exit Device product selection is SARGENT's most extensive exit device access control offering including 8800 Rim Exit Devices, and 8900 Mortise Exit Devices.

The Harmony Series Exit Device offers seamless integration of SARGENT’s 80 Series Exit Devices into an existing Wiegand compatible access control system. The high security is achieved not only with the Grade 1 hardware, but also with the H1 monitoring capabilities which include Request to Exit (rail monitoring) as standard. An external Door Position Switch (3287) is used to further augment door monitoring.

The Harmony Series H1 Exits feature clean, crisp design and are available with 36 lever designs, including 8 standard levers, 5 Coastal Series levers and 23 Studio Collection levers in 13 finishes. The use of similar lever designs across product lines provides uniformity within a facility.

Mechanical Features

- Certified ANSI/BHMA A156.3 Grade 1
- 12VDC standard, optional 24VDC Solenoid operated ET Trim available
- Fail Safe or Fail Secure option
- For 1-3/4" (44mm) door standard. Consult factory for other thicknesses
- Cylinder override feature standard with rim and mortise exit devices

H1 80 Series Exit Devices

- Always allows free egress
- Key outside retracts latch (8800 and 8900)
- Trim outside rigid at all times unless unlocked electronically
- Pushing rail activates Request-to-Exit (REX) switch
- Door Position Switch (DPS, part #3287) supplied to allow for full monitoring
- 75 Function - Fail Safe - Power off, trim outside is unlocked
- 76 Function - Fail Secure - Power off, trim outside is locked
- H1-80 Series Levers are shown on page 7 and 8

Escutcheons

- Escutcheons are brass base material
- Operating temperature -40°F (-40°C) to 135°F (57°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)

3287 Door Position Switch (DPS)

- SPDT concealed switch (3 wire)
- Contacts rated .50 Amp @ 12VDC
- Contacts rated .25 Amp @ 24 VDC
- Requires 1" diameter hole
Harmony Series H1
Integrated Wiegand Solutions
Access Control Products
8600 CVR Exit Devices and
8700 SVR Exit Devices

The Harmony Series H1 Surface Vertical Rod (SVR) Exit Devices and Concealed Vertical Rod (CVR) Exit Devices offer many of the same outstanding features as the Harmony rim and mortise exit devices. All the devices feature similar clean, crisp design and are available with 36 lever designs, including 8 standard levers, 5 Coastal Series levers and 23 Studio Collection levers in 13 finishes.

**Mechanical Features**
- Certified ANSI/BHMA A156.3 Grade 1
- 12VDC standard, 24VDC optional
- For 1-3/4" (44mm) door standard. Consult factory for other thicknesses
- Cylinder override is available for 8700 SVR Devices with a 300 Series Aux Control and for 8600 CVR Devices with 100 Series Aux Control

**H1 80 Series Exit Devices**
- Always allows free egress
- Trim outside rigid at all times unless unlocked electronically
- Pushing rail activates Request-to-Exit (REX) switch
- Door Position Switch (DPS, part #3287) supplied to allow for full monitoring
- 75 Function - Fail Safe - Power off, trim outside is unlocked
- 76 Function - Fail Secure - Power off, trim outside is locked
- H1-80 Series Levers are shown on page 7 and 8

**Escutcheons**
- Escutcheons are brass base material
- Operating temperature -40°F (-40°C) to 135°F (57°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)

**Cylinder Override for H1 8700 and H1 8600**
- The 300 Series Auxiliary Control offers cylinder override for 8700 Series Devices (not available for NB-8700)
- The 100 Series Auxiliary Control offers cylinder override for 8600 and NB-8600 Series Devices
- Cylinder override is accomplished using a 306 Auxiliary Control for 8700 and 106 Auxiliary Control for 8600 Series Devices
- For additional information, please contact the factory
Harmony Series H1
Integrated Wiegand Solutions
Access Control Products
10 Line Lever and Rose Designs

B Lever Design
- Lever: B–Solid Cast

Y Lever Design - Coastal Design - Yarmouth
- Lever: Y–Solid Cast
- Handed

J Lever Design
- Lever: J–Wrought

L Lever Design
- Lever: L–Solid Cast

P Lever Design
- Lever: P–Solid Cast

G Lever Design - Coastal Design - Gulfport
- Lever: G–Solid Cast
- Handed

G Rose Design
- Rose G - Heavy Wrought

L Rose Design
- Rose L - Heavy Wrought

H1-10 Line Available Finishes

<table>
<thead>
<tr>
<th>SARGENT</th>
<th>Description</th>
<th>ANSI/BHMA</th>
</tr>
</thead>
<tbody>
<tr>
<td>03</td>
<td>Bright brass</td>
<td>605</td>
</tr>
<tr>
<td>04</td>
<td>Satin brass</td>
<td>606</td>
</tr>
<tr>
<td>09</td>
<td>Bright bronze</td>
<td>611</td>
</tr>
<tr>
<td>10</td>
<td>Satin bronze, clear powder coat</td>
<td>612</td>
</tr>
<tr>
<td>10B</td>
<td>Oxidized satin bronze oil rubbed</td>
<td>613</td>
</tr>
<tr>
<td>10BL</td>
<td>Oxidized satin bronze, clear powder coat</td>
<td>618</td>
</tr>
<tr>
<td>14</td>
<td>Bright nickel, clear coated</td>
<td>619</td>
</tr>
<tr>
<td>15</td>
<td>Satin nickel, clear coated</td>
<td>625</td>
</tr>
<tr>
<td>20D</td>
<td>Dark statuary bronze, clear powder coat</td>
<td>626</td>
</tr>
<tr>
<td>26</td>
<td>Bright chrome</td>
<td>625</td>
</tr>
<tr>
<td>26D</td>
<td>Satin chrome</td>
<td>626</td>
</tr>
</tbody>
</table>

NOTE: Any rose or lever on this page can be combined to suit individual taste.
NOTE: All lever height measurements represent total distance from door face.
Harmony Series Exit and Mortise H1 products are available with the following lever designs to provide uniformity throughout a facility. Lever projection from door surface varies with lock type. H1 Mortise locks are specified by rose design followed by the lever designation (e.g., TRP). H1 Exit devices are specified by the ET designation followed by the lever designation (e.g., ETP).

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

### Levers for H1-8200 Mortise and H1-80 Series Exit

<table>
<thead>
<tr>
<th>Lever Design</th>
<th>Description</th>
</tr>
</thead>
</table>
| A Lever Design | Lever: A-Solid forged or cast  
Must specify hand when ordering |
| B Lever Design | Lever: B-Solid forged or cast |
| E Lever Design | Lever: E-Solid forged or cast |
| F Lever Design | Lever: F-Solid forged or cast |
| J Lever Design | Lever: J-Solid bar stock |
| L Lever Design | Lever: L-Solid forged or cast |
| P Lever Design | Lever: P-Solid forged or cast |
| W Lever Design | Lever: W-Solid bar stock |

### Coastal Series™ Lever Controls for Exit Devices

<table>
<thead>
<tr>
<th>Lever Design</th>
<th>Description</th>
</tr>
</thead>
</table>
| C - Coronado™ | Solid Cast Brass  
Must specify hand when ordering |
| G - Gulfport™ | Must specify hand when ordering |
| R - Rockport™ | Must specify hand when ordering |
| S - Sanibel™ | Must specify hand when ordering |
| Y - Yarmouth™ | Must specify hand when ordering |

### Roses for H1-8200 Mortise Locks

<table>
<thead>
<tr>
<th>Design</th>
<th>Diameter</th>
</tr>
</thead>
<tbody>
<tr>
<td>LN</td>
<td>2&quot; Dia</td>
</tr>
<tr>
<td>CO</td>
<td>2-3/4&quot; Dia</td>
</tr>
<tr>
<td>CR</td>
<td>2-3/16&quot; Dia</td>
</tr>
<tr>
<td>O</td>
<td>2-3/4&quot; Dia</td>
</tr>
<tr>
<td>TO</td>
<td>2-3/4&quot; Dia</td>
</tr>
<tr>
<td>TR</td>
<td>2-3/16&quot; Dia</td>
</tr>
</tbody>
</table>

### ET Lever Controls for Exit Devices

The 700 Series ET and Lever Control is the external trim with all H1-80 Series exit devices. ET Escutcheons and levers are plated brass. Stainless steel levers are available.
Harmony Series H1

Access Control Products
8200 and 80 Series
Studio Collection Levers

Studio Collection Levers are available with the H1 Mortise and Exit Device products with all functions offered. This creates uniformity throughout a facility using SARGENT 80 Series Exits, 7900 and 8200 Mortise locks and the DL series of tubular locks.

H1-8200 and 80 Series - Available Finishes

<table>
<thead>
<tr>
<th>SARGENT</th>
<th>Description</th>
<th>ANSI/BHMA</th>
</tr>
</thead>
<tbody>
<tr>
<td>03</td>
<td>Bright brass</td>
<td>605</td>
</tr>
<tr>
<td>04</td>
<td>Satin brass</td>
<td>606</td>
</tr>
<tr>
<td>09</td>
<td>Bright bronze</td>
<td>611</td>
</tr>
<tr>
<td>10</td>
<td>Satin bronze, clear powder coat</td>
<td>612</td>
</tr>
<tr>
<td>10B</td>
<td>Oxidized satin bronze oil rubbed</td>
<td>613</td>
</tr>
<tr>
<td>10BL</td>
<td>Oxidized satin bronze, clear powder coat</td>
<td>—</td>
</tr>
<tr>
<td>14</td>
<td>Bright nickel, clear coated</td>
<td>618</td>
</tr>
<tr>
<td>15</td>
<td>Satin nickel, clear coated</td>
<td>619</td>
</tr>
<tr>
<td>20D</td>
<td>Dark statuary bronze, clear powder coat</td>
<td>—</td>
</tr>
<tr>
<td>26</td>
<td>Bright chrome</td>
<td>625</td>
</tr>
<tr>
<td>26D</td>
<td>Satin chrome</td>
<td>626</td>
</tr>
<tr>
<td>32</td>
<td>Bright Stainless Steel</td>
<td>629</td>
</tr>
<tr>
<td>32D</td>
<td>Satin Stainless Steel</td>
<td>630</td>
</tr>
</tbody>
</table>
## Credential Features

- 26 & 33 bit Wiegand format available (consult factory for additional formats)
- HID-based proximity cards, fobs or tags
- 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 Prox ID#'s

### Product # | Features | Image
--- | --- | ---
**PCH-L70** for SARGENT logo on card | SARGENT HID ProxCard™
- 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 86mm)
- Thickness: .070" nom. (1.8mm)
- Cards ordered individually*** (Min. Order is 25 Cards) | ![Image](image1)

**PCH-B70** for blank white card | ISO Prox Card II™ (Printable Card)
- Site Code and Proximity ID#'s determined and Controlled by
- 26 Bit Format, HID Coded Wiegand Output 125kHz
- Dimensions: 2-1/8" x 3-3/8" (54mm x 86mm)
- Thickness: .031" nom. (1.8mm)
- Blank Cards can be printed on by others
- Cards ordered individually*** (Min. Order is 25 Cards) | ![Image](image2)

**PCH-L30** for SARGENT logo on card | 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
- Proximity ID# marked on each Tag
- Dimensions: 1.285" Dia. x 0.070" (32.6mm x 1.78mm)
- Gray color with HID Logo
- MicroProx™ Tag ordered individually***
- Site Code and Proximity ID#'s determined and controlled by SARGENT
- MicroProx™ Tag ordered individually***
- Min. order is 25 MicroProx™ Tag | ![Image](image3)

**PCH-B30** for blank white card | DuoProx™ Card
- Multiple Technology Proximity Cards - DuoProx™— dual technology - proximity & magnetic stripe
- DuoProx™ cards with unique site codes for higher level of security (SARGENT 1000) are available
- Cards ordered individually*** (Min order is 100 Cards) | ![Image](image4)

**MPT**
- Site Code and Proximity ID#'s determined and controlled by SARGENT
- MicroProx™ Tag ordered individually***
- Min. order is 25 MicroProx™ Tag | ![Image](image5)

**MPT-C**
- Site Code and Proximity ID#'s requested by customer
- MicroProx™ Tag ordered individually***
- MicroProx Tag with custom Site Code, consult factory for minimum quantities | ![Image](image6)

**PF SARGENT ProxKey II™**
- Site Code and Proximity ID#'s determined and controlled by SARGENT
- 26 Bit Format, HID Coded Wiegand Output 125kHz
- Dimensions: 1-29/32” x 29/32” x 11/32” (48mm x 23mm x 9mm)
- Includes Keyring
- SARGENT ProxKey II™ ordered individually*** (Min order is 25 ProxKey II™) | ![Image](image7)

**PF-C Custom ProxKey II™**
- Site Code - requested by customer
- PF-C • Proximity ID#'s requested by customer
- 26 Bit Format, HID Coded Wiegand Output 125kHz
- Dimensions: 1-29/32” x 29/32” x 11/32” (48mm x 23mm x 9mm)
- Includes Keyring
- PF-C Custom ProxKey II™ ordered individually*** (Min order is 100 Custom ProxKey II™) | ![Image](image8)

*** Products are ordered individually. Ordered Quantity is the number of individual items to be shipped. If a Qty of 25 is ordered - 25 individual items will be shipped (Note: Min Order Requirements)
BioFob Features for BF1, BF2 & BF4

- Fingerprint templates are sensed, processed, stored and matched within the BioFob
- No centralized biometric database is required solving many privacy concerns
- Communicates to specified authorities using existing RF infrastructures making it easy to “overlay” this biometric solution onto existing security systems
- Provides biometric security for physical and logical access
  - Physical access - The BioFob can be configured with HID proximity credentials for use with any Harmony Series (HID) proximity lock readers
  - Logical access - The BioFob is capable of computer and network logon along with other various Information Technology applications via third party software
- Releases signal after verifying user’s identity
- Enrollment Station Software is **required** to enroll BioFob(s)

BioFob Specifications

<table>
<thead>
<tr>
<th>Power</th>
<th>Battery type: CR2 lithium cell (included)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Battery life: Approximately 1 year; 5 operations per day</td>
</tr>
<tr>
<td>Interfaces</td>
<td>User interaction: 3 LEDs (red, yellow, green), 1 push button (power)</td>
</tr>
<tr>
<td></td>
<td>RF options: Low-frequency RFID and HID compatible (125kHz) and Bluetooth™ (2.4 GHz)</td>
</tr>
<tr>
<td>Environment</td>
<td>Operating temperature: +14° F to +140° F (-10° C to +60° C)</td>
</tr>
<tr>
<td></td>
<td>Storage temperature: -40° F to +185° F (-40° C to +85° C)</td>
</tr>
<tr>
<td></td>
<td>Operating humidity: 90% noncondensing</td>
</tr>
</tbody>
</table>

BFES BioFob Enrollment Station

The Enrollment Station is **required** to activate a BioFob Security Device for every individual. An individual’s fingerprint template is transmitted wirelessly between the BioFob and the computer’s Bluetooth adapter. The Enrollment Station software is used to configure the BioFob for a user.

BFES Enrollment Station includes:

- One (1) CD-ROM containing the Enrollment Station software - Model BT
- One (1) Operating Manual and Quick Start Guide
- One (1) CD-ROM containing the driver software and protocol stack for the Bluetooth™ adapter
- One (1) USB attachable Bluetooth™ adapter

System Requirements for the Enrollment Station Software and Bluetooth™ Adapter

Minimum software and hardware requirements:

- Microsoft Windows 2000 or Microsoft Windows XP
- One available USB port
- 64 megabytes of RAM
- 800x600 minimum resolution
- 20 megabytes of available hard drive space
- One (1) USB attachable Bluetooth™ adapter

BF6 Bluetooth Adapter and Driver Software Replacement Package includes:

- One CD-ROM containing the driver software and protocol stack for use with the Bluetooth™ adapter
- One (1) USB attachable Bluetooth™ adapter

Configuration Module (USB Dongle) - BF7 and BF8

A configuration module (also known as a dongle) attaches to the computer’s USB port. It is required to encode an uncoded Biofob (BF4) or recode any BioFob with a Site Code & Proximity ID. The configuration modules are available with HID proximity ID’s with either 25 or 100 proximity ID’s per module.

All BioFobs and modules are 26 Bit Format. For other formats, please consult factory.

SARGENT
ASSA ABLOY

Harmony Series H1
Integrated Wiegand Solutions
Access Control Products
Access Credentials

BioFob being presented to Harmony Series Lock
BioFob Security Device

PRIVARIS

The SARGENT BioFob was developed in partnership with Privaris, Inc., a technology company dedicated to solving security and privacy concerns for government and commercial applications.
General Information

The **Proximity ID#** is assigned to a Proximity Credential (e.g., BioFob). This number identifies a Proximity Credential to a user within a given Site Code.

A **Site Code** is a number established by either SARGENT (e.g., BF1 BioFob) or the end-user. The Site Code, an integral part of the bit format, is a number between 1 and 255 for a 26 Bit Format configuration. The Site Code assigned to a group of proximity control products (e.g., Harmony Series) and Proximity Credentials (BioFob, etc.) must be identical for the two to interact. Proximity ID#s should not be used more than once within a Site Code for security reasons.

The **Bit Format**, part of the coding configuration within a Proximity Credential (BioFob) is established and can only be changed by the manufacturer. A 26 Bit Format of a Proximity Credential (BioFob) has 65,535 ID#s available. The 26 Bit Format for Site Codes and Proximity ID#s creates over 16.5 million possible Site Codes/ID#s per BioFob.

### BioFob Security Devices

<table>
<thead>
<tr>
<th>Products #</th>
<th>Note</th>
<th>How to Order</th>
</tr>
</thead>
<tbody>
<tr>
<td>BF1</td>
<td>- Site Code and Proximity ID#s determined and controlled by SARGENT &lt;br&gt; - 26 Bit Format, HID Coded Wiegand Output 125kHz</td>
<td>BF1</td>
</tr>
<tr>
<td>BF2</td>
<td>- Site Code and Proximity ID#s requested by customer &lt;br&gt; - 26 Bit Format, HID Coded Wiegand Output 125kHz</td>
<td>BF2 &lt;br&gt; Site Code ### &lt;br&gt; Prox ID #'s ####-####</td>
</tr>
<tr>
<td>BF4</td>
<td>- Uncoded BioFob &lt;br&gt; - Site Code, Proximity ID# and Bit Format to be assigned &lt;br&gt; - Can be coded using Configuration Modules - BF7 or BF8</td>
<td>BF4</td>
</tr>
</tbody>
</table>

### Enrollment Station, Bluetooth Adapter, Drivers and Software

<table>
<thead>
<tr>
<th>Products #</th>
<th>Note</th>
<th>How to Order</th>
</tr>
</thead>
<tbody>
<tr>
<td>BFES</td>
<td>- Enrollment Station is required to enroll an individual’s fingerprint template into a BioFob and to activate it &lt;br&gt; - Includes all the components of BF6 &lt;br&gt; - An enrollment station can be used an unlimited number of times</td>
<td>BFES</td>
</tr>
<tr>
<td>BF6</td>
<td>- USB Bluetooth adapter &lt;br&gt; - Driver software &lt;br&gt; - BF6 Components are included in the BFES Enrollment Station</td>
<td>BF6</td>
</tr>
</tbody>
</table>

### Configuration Modules for Encoding BioFobs

<table>
<thead>
<tr>
<th>Products #</th>
<th>Description</th>
<th>Includes:</th>
<th>How to Order</th>
</tr>
</thead>
<tbody>
<tr>
<td>BF7</td>
<td>To encode an uncoded BioFob (BF4) or recode any BioFob with a Site Code and HID Proximity #</td>
<td>- 1 Site Code &lt;br&gt; - 25 HID Proximity ID#s</td>
<td>BF7 &lt;br&gt; Site Code ### &lt;br&gt; Prox ID’s ####-####</td>
</tr>
<tr>
<td>BF8</td>
<td>To encode an uncoded BioFob (BF4) or recode any BioFob with a Site Code and HID Proximity #</td>
<td>- 1 Site Code &lt;br&gt; - 100 HID Proximity ID#s</td>
<td>BF8 &lt;br&gt; Site Code ### &lt;br&gt; Prox ID #’s ####-####</td>
</tr>
</tbody>
</table>

Note: All BioFobs and Configuration Modules are 26 Bit Format. For other formats, consult factory.
SARGENT is proud to offer this line of HID proximity readers for your convenience. For security managers, dealers, integrators and OEMs, HID proximity cards and readers are recognized as the industry standard for physical access control. Featuring 125 kHz RFID technology, HID prox products are robust, affordable, and seamlessly integrate with all popular access control systems.

### Wiegand Proximity Readers

<table>
<thead>
<tr>
<th>Product #</th>
<th>Features</th>
<th>Image</th>
</tr>
</thead>
</table>
| 4302      | - 125kHz mullion-mount prox reader  
- Measures 6" high, 1.7" wide and 1" deep  
- Mounts in junction box (included); 5-16VDC power supply required  
- Available with either pigtail or terminal strip (terminal strip only for Hazardous Location version)  
- Available with Wiegand or Clock-and-Data interface  
- Potted reader suitable for indoor or outdoor use  
- Hazardous Location version is UL 1604, Class I & II, Div. 2 and Class III listed  
- HID Product: MiniProx 5365 | ![Image](image1) |
| 4303      | - 125kHz Low Profile Prox Reader  
- Measures 4.7" long, 3" wide and 0.68" deep  
- Mounts in standard single gang electrical box; 5-16VDC power supply required  
- The size of most standard U.S. switch plates  
- Available with Wiegand or Clock-and-Data interface  
- Potted reader suitable for indoor or outdoor use  
- 18" (45 cm) wire pigtail standard; consult factory for 9' (2.7 m) pigtail available by special order  
- HID Product: ThinLine II 5395 | ![Image](image2) |
| 4304      | - 125kHz New Generation Prox Reader  
- Measures 5" long, 5" wide and 1" deep  
- Mounts in standard single gang electrical box  
- 5-16VDC power supply required  
- Ideal for medium-range applications  
- Available with Wiegand or Clock-and-Data interface  
- Optional glass mount kit available for mounting the reader behind glass  
- Potted reader suitable for indoor or outdoor use  
- Available in black, white, gray or beige  
- 18" (45 cm) wire pigtail standard; consult factory for 9' (2.7 m) pigtail available by special order  
- HID Product: ProxPro II 5455 | ![Image](image3) |
| 4305      | - 125kHz Keypad Prox Reader (keypad configured for 8-bit data bursts)  
- Measures 5" x 5" and 1" deep  
- Mounts in standard single gang electrical box, field adjustable for mounting directly to metal  
- 10VDC-28.5VDC power supply required  
- Ideal for medium-range applications  
- Available with Wiegand, Serial (RS-232/RS-422) or Clock-and-Data interface  
- Sealed for indoor or outdoor use  
- Optional glass mount kit available for mounting the reader behind glass  
- Available in gray or beige  
- Keypad data and card data can be sent on the same cable, or on a separate cable using 2 of 7 or 3 x 4 matrix  
- HID Product: ProxPro 5355 with keypad | ![Image](image4) |
| 4306      | - 125kHz Long Range Prox Reader  
(up to 24" prox range depending on prox credential used)  
- Measures 11.8" long, 11.8" wide and 1" deep  
- Mounts on non-metallic surfaces; 12 or 24VDC power supply required  
- Long read range distance (up to 8’ with ProxPass)  
- Autotune allows read range to be maintained within four inches of metal  
- Wiegand, Clock-and-Data, RS-232, RS-422, and RS-485 output modes are configurable  
- Power requirements: 12 or 24 VDC (configurable)  
- Current requirements: 200mA avg / 700 mA peak at 12VDC; 260mA avg / 1.2A peak at 24 VDC  
- Dimensions: 12.0" x 12.0" x 1.0" (30.5 x 30.5 x 2.54 cm)  
- HID Product: MaxiProx 5375 | ![Image](image5) |
## Wiegand Proximity Readers

<table>
<thead>
<tr>
<th>Product #</th>
<th>Features</th>
<th>Image</th>
</tr>
</thead>
</table>
| 4307      | • 125kHz Prox Reader  
           • Measures just 3.135" long, 1.72" wide and 0.66" deep  
           • Small sized, low cost reader features a beeper and multicolor LED which can be host and/or locally controlled  
           • Potted reader suitable for indoor or outdoor use  
           • 18" (45 cm) wire pigtail standard; consult factory for 9’ (2.7 m) pigtail available by special order  
           • Classic Series covers available in black, gray, white or beige. Designer Series covers available in black or gray  
           • HID Product: ProxPoint Plus 6005 | ![Image](image1.png) |

| 4320      | • Glass-mount kit for use with 4304 and 4305  
           • For applications where reader will mount behind glass  
           • HID Product: 5455AGM 00 | ![Image](image2.png) |

How to order: Specify SARGENT Product # e.g., 4302

## Weatherseal Gasketing

- Provides a seal between outside escutcheon & the door and inside escutcheon & the door
- Gasketing (included) recommended for non-fire rated exterior applications

---

Gasket for use between the Reader and the Escutcheon (Factory Installed)

Gasket for use between the Interior Escutcheon and the door for H1- Bored Locks

Gasket for use between the Exterior Escutcheon and the door for H1- Exit Devices

Gasket for use between Interior Escutcheon and the door for H1-8600, H1-8800 & H1-8900 Exit Devices

Gasket for use between the Interior Escutcheon and the door for H1-8200 Mortise Locks

Gasket for use between the ET Trim and the door for H1- Exit Devices
Harmony Series H1
Integrated Wiegand Solutions
Access Control Products
Accessories

Securitron Electrical Power Transfer (EPT) are recommended for H1 applications

- Installs in the door and frame edges
- Wires are protected within a flexible steel shield
- Supplied with ElectroLynx 8 & 4 Pin connectors
- Near universal device that will work on any type of door hung using butt hinges, continuous hinges or pivots
- Will not function on a center pivot door
- Available in two sizes
  - EL-EPT about 10”
  - EL-ETPL about 18”
- Contact SECURITRON for more details www.securitron.com

12VDC & 24VDC Power Supplies:

- UL Class 2 Listed
- Three models available: 1, 3 or 6 Amps
- 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>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>

Note: Reader requires 12VDC. The use of 24V solenoids is optional.

McKinney QC12 ElectroLynx Hinges are recommended for H1 applications

- 12-wire Hinge ElectroLynx connectors
- 1 Amp capacity - Low Voltage 24V per circuit
- Wires contained within hinge - invisible and tamper proof
- 28 Gauge Wire
- QC12 - 4 & 8 Pin connectors with 12 wires

<table>
<thead>
<tr>
<th>ElectroLynx Harnesses for various applications</th>
</tr>
</thead>
<tbody>
<tr>
<td>SARGENT</td>
</tr>
<tr>
<td>---------</td>
</tr>
<tr>
<td>52-3449</td>
</tr>
<tr>
<td>52-2992</td>
</tr>
<tr>
<td>52-2989**</td>
</tr>
<tr>
<td>52-2990**</td>
</tr>
</tbody>
</table>

Note: SARGENT recommends the use of ASSA ABLOY ElectroLynx prewired doors from CECO DOOR, CURRIES and GRAHAM for new construction and major renovation

** Includes 25 terminals and 8-pin & 4-pin connectors.
Harmony Series H1

H1-10 Line Series Bored Locks

Integrated Wiegand Access Control Bored Locks
1. Open architecture access control bored locks shall be Harmony H1 10-Line Series as manufactured by SARGENT Manufacturing of New Haven, CT.
2. Provide access control bored lock series, type and functions where specified in hardware groups, with provisions below:
   a. Cylinders: Refer to 2.04 KEYING, keying requirements.
   b. Backsets: 2-3/4, 3-3/4” and 5”.
   c. Strikes: Provide wrought boxes and strikes with proper lip length to protect trim but not to project more than 1/8 inch beyond trim, frame or inactive leaf. Where required, provide open back strike and protected to allow practical and secure operation.
3. Access control (H1) products shall be hardwired 12VDC (standard) with the option of 24VDC solenoid locks.
4. Locks shall have capability to interface directly with an open architecture, Wiegand platform access control system to facilitate centralized control.
5. Locking and unlocking of the lever handle by solenoid operation contained completely within the body of the bored lock. Provide levers to match mechanical lock lever design.
6. Locks shall have a multi-color LED to indicate card reader activity.

H1-8200 Series Mortise Locks

Integrated Wiegand Access Control Mortise Locks
1. Open Architecture access control mortise locks shall be Harmony H1 8200 Series as manufactured by SARGENT Manufacturing of New Haven, CT.
2. Provide access control mortise lock series, type and functions where specified in hardware groups, with the provisions below:
   a. Cylinders: Refer to 2.04 KEYING, keying requirements.
   c. Strikes: Provide wrought boxes and strikes with proper lip length to protect trim but not to project more than 1/8 inch beyond trim, frame or inactive leaf. Where required, provide open back strike and protected to allow practical and secure operation.
3. Access control (H1) products shall be hardwired 12VDC (standard) with the option of 24VDC solenoid locks.
4. Locks shall have capability to interface directly with an open architecture, Wiegand platform access control system to facilitate centralized control.
5. Locking and unlocking of the lever handle by solenoid operation contained completely within the body of the mortise lock. Provide levers to match mechanical lock lever design.
6. Locks shall have a multi-color LED to indicate card reader activity.
7. Provide HID 125KHz proximity reader for (H1) access control products.

H1-80 Series Exit Devices

Integrated Wiegand Access Control Exit Devices
1. Open Architecture access control Rim, Mortise, Surface and Concealed Vertical Rod exit devices shall be Harmony H1 80 Series as manufactured by SARGENT Manufacturing of New Haven, CT.
2. Provide access control exit device series, type, and functions where specified in hardware groups.
3. All exit devices shall be UL listed for panic hardware and exit devices for labeled doors shall be UL listed as “Fire Exit Hardware”.
4. Access control (H1) products shall be hardwired 12VDC (standard) with the option of 24VDC solenoid locks.
5. Exit devices shall interface directly with an open architecture Wiegand compatible access control system to facilitate centralized control.
6. Locking and unlocking of the lever handle by solenoid operation contained completely within the body of the outside trim. Provide levers to match lock mechanical lock lever design.
7. Provide exit devices with integrated latchbolt monitoring, and pushpull status for Request-to-Exit (REX) signaling.
8. Locks shall have a multi-color LED to indicate card reader activity.
9. Provide HID 125KHz proximity reader for (H1) access control products.
11. Provide keyed removable mullions, as specified in the Hardware Groups.
12. Provide exit devices as Less Bottom Rod (NB) where noted in the hardware groups.
13. Provide clear powder coating on exit devices used in full exterior applications, highly corrosive areas, and where noted in the hardware groups.
14. Provide cylinders for exit devices with cylinder override trim and cylinder dogging features.
   a. Cylinders: Refer to 2.04 KEYING, keying requirements.
15. Harmony H1 exit device products to include wiring harnesses with balance of electrical connection and wires by others.
16. Access control system platform, including software, by others.

7. Provide HID 125KHz proximity reader for (H1) access control products.
8. Doors to stairs (other than exit stairs), loading platforms, boiler rooms, stages and doors serving other hazardous locations shall have knurled or other similar approved marking of door lever handles in accordance with local building codes.
9. Monitoring capabilities include Request-to-Exit switch which monitors movement of the inside lever and external Door Position Switch.
10. Harmony H1 products to include ElectroLynx type connectors with balance of electrical connections, wiring and cabling by others.
11. Access control system platform, including software, by others.
Prefixes Available

<table>
<thead>
<tr>
<th>Prefix</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>3</td>
<td>Stainless steel hubs for institutional specifications (mortise locks only)</td>
</tr>
<tr>
<td>10</td>
<td>SARGENT Signature Key System</td>
</tr>
<tr>
<td>10UL</td>
<td>SARGENT Signature Key System Meeting UL437 (mortise locks and exit devices only)</td>
</tr>
<tr>
<td>11</td>
<td>XC Key System (not available with 10-, 10UL, 22-, 60-, 63-, 64-, V10 prefixes)</td>
</tr>
<tr>
<td>12</td>
<td>UL Fire Label Exit hardware (exit devices only)</td>
</tr>
<tr>
<td>14</td>
<td>Sliding brass bolt bottom case (non fire rated 8700 devices only)</td>
</tr>
<tr>
<td>16</td>
<td>Cylinder lockdown (non fire rated exit devices only)</td>
</tr>
<tr>
<td>19</td>
<td>Pushbar without Lexan touchpad (exit devices only)</td>
</tr>
<tr>
<td>21</td>
<td>SARGENT Lost Ball Construction Key System</td>
</tr>
<tr>
<td>22</td>
<td>SARGENT Split Key System (existing systems only)</td>
</tr>
<tr>
<td>23</td>
<td>3-3/4&quot; (95mm) backset for (10 Line)</td>
</tr>
<tr>
<td>23</td>
<td>4-7/8&quot; (124mm) ANSI flat lip strike (for 8900 mortise lock exit device &amp; mortise locks only)</td>
</tr>
<tr>
<td>25</td>
<td>5&quot; (127mm) backset for (10 Line only)</td>
</tr>
<tr>
<td>28</td>
<td>4-7/8&quot; Strike #808. Lip length 1-1/4 (10 line only)</td>
</tr>
<tr>
<td>30</td>
<td>Lever to accept Schlage cylinder - no cylinder provided (10 line only)</td>
</tr>
<tr>
<td>36</td>
<td>Six lobe security head screws</td>
</tr>
<tr>
<td>37</td>
<td>Spanner head screws</td>
</tr>
<tr>
<td>41</td>
<td>3/4&quot; (19mm) throw latch x 2-3/4&quot; (70mm) backset (10 line only)</td>
</tr>
<tr>
<td>60</td>
<td>SARGENT Removable Disposable Construction Core</td>
</tr>
<tr>
<td>63</td>
<td>SARGENT Removable Core cylinder</td>
</tr>
<tr>
<td>64</td>
<td>SARGENT Removable Core Construction Core cylinder</td>
</tr>
<tr>
<td>6573</td>
<td>Small Format Interchangeable Core 6-pin uncombined core (10 line J lever not available)</td>
</tr>
<tr>
<td>6573P</td>
<td>Small Format Interchangeable Core 7-pin uncombined core (10 line J lever not available)</td>
</tr>
<tr>
<td>70</td>
<td>Small format Interchangeable Core (6 or 7 Pin), plastic disposable core provided (10 line J lever not available)</td>
</tr>
<tr>
<td>72</td>
<td>Small Format Interchangeable Core 6-pin Construction Core cylinder (10 line J lever not available)</td>
</tr>
<tr>
<td>73</td>
<td>Small Format Interchangeable Core 6-pin (10 line J lever not available)</td>
</tr>
<tr>
<td>737P</td>
<td>Small Format Interchangeable Core 7-pin (10 line J lever not available)</td>
</tr>
<tr>
<td>75</td>
<td>Milled inside lever (mortise); Handicap warning on inside lever (10 line); Tactile warning (exit devices)</td>
</tr>
<tr>
<td>76</td>
<td>Milled outside lever (mortise and exits); Handicap warning on outside lever (10 line)</td>
</tr>
<tr>
<td>77</td>
<td>Milled both levers (mortise); Handicap Warning on both levers (10 line); Abrasive strip on rail &amp; abrasive coating on lever (exits)</td>
</tr>
<tr>
<td>80</td>
<td>Levers to accept Keso &amp; Keso F1 - No cylinder provided (10 Line only)</td>
</tr>
<tr>
<td>81</td>
<td>Cylinder to accept Keso &amp; Keso F1 removable core- no core provided (mortise locks &amp; exit devices only)</td>
</tr>
<tr>
<td>82</td>
<td>SARGENT Keso Security cylinder. For existing systems only (10 line J lever not available)</td>
</tr>
<tr>
<td>83</td>
<td>SARGENT Keso Security Removable Core cylinder (mortise locks &amp; exit devices only)</td>
</tr>
<tr>
<td>83</td>
<td>SARGENT Keso F1 Security Removable Core cylinder (mortise locks &amp; exit devices only)</td>
</tr>
<tr>
<td>84</td>
<td>SARGENT Keso Security Removable Construction Core cylinder (mortise locks &amp; exit devices only)</td>
</tr>
<tr>
<td>85</td>
<td>Bump Resistant Cylinder (Available with Conventional &amp; XC Cylinders Only)</td>
</tr>
<tr>
<td>86</td>
<td>SARGuide™ PL – Photoluminescent Coated Push Rail – (exit devices only; Touchpad eliminated)</td>
</tr>
<tr>
<td>87</td>
<td>Schlage C keyway cylinder, 0 bitted</td>
</tr>
<tr>
<td>88</td>
<td>Schlage E keyway cylinder, 0 bitted</td>
</tr>
<tr>
<td>89</td>
<td>L Lever to accept Medeco KeyMark Large Format Interchangeable and Schlage Full Size Interchangeable Core (10 line only)</td>
</tr>
<tr>
<td>90</td>
<td>MicroShield antimicrobial clear powder coat (on metal components only)</td>
</tr>
<tr>
<td>91</td>
<td>SARGENT V-10 standard cylinder</td>
</tr>
<tr>
<td>92</td>
<td>SARGENT V-10 Removable core (mortise locks &amp; exit devices only)</td>
</tr>
<tr>
<td>93</td>
<td>SARGENT V-10 Removable core cylinder unassembled (mortise locks &amp; exit devices only)</td>
</tr>
<tr>
<td>94</td>
<td>SARGENT V-10 standard cylinder unassembled</td>
</tr>
</tbody>
</table>
**Harmony Series H1**

**Integrated Wiegand Solutions**

**Access Control Products**

**How to Order and Finishes**

---

### How to Order Harmony Mortise Locks

<table>
<thead>
<tr>
<th>Prefixes</th>
<th>Series</th>
<th>Type</th>
<th>Function</th>
<th>Voltage</th>
<th>Roses</th>
<th>Levers</th>
<th>Finish</th>
<th>Hand</th>
</tr>
</thead>
<tbody>
<tr>
<td>For all available prefixes see page 16</td>
<td>H1 Harmony</td>
<td>82 Mortise Lock</td>
<td>270</td>
<td>12VDC</td>
<td>LN</td>
<td></td>
<td></td>
<td>RHR</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>271</td>
<td>24VDC</td>
<td>O</td>
<td></td>
<td></td>
<td>LHR</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>274</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>RH</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>275</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>LH</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>280</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>281</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>284</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>285</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

See Page 2 for description

---

### How to Order Harmony Bored Locks

<table>
<thead>
<tr>
<th>Prefixes</th>
<th>Series</th>
<th>Type</th>
<th>Function</th>
<th>Voltage</th>
<th>Roses</th>
<th>Levers</th>
<th>Finish</th>
<th>Hand</th>
</tr>
</thead>
<tbody>
<tr>
<td>Specify 28 prefix for 4-7/8&quot; strike</td>
<td>H1 Harmony</td>
<td>10 Bored Lock (G means Guarded Latch)</td>
<td>270 Fail Safe</td>
<td>12VDC</td>
<td>G</td>
<td></td>
<td></td>
<td>RHR</td>
</tr>
<tr>
<td>For all available prefixes see page 16</td>
<td></td>
<td></td>
<td></td>
<td>24VDC</td>
<td>L</td>
<td></td>
<td></td>
<td>LHR</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>271 Fail Secure</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>RH</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>275 Fail Secure</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>LH</td>
</tr>
</tbody>
</table>

---

### How to Order Harmony Exit Devices

<table>
<thead>
<tr>
<th>Prefixes</th>
<th>Series</th>
<th>Type</th>
<th>Function</th>
<th>Rail Size</th>
<th>Voltage</th>
<th>Trim</th>
<th>Hand</th>
<th>Finish</th>
<th>Door Width</th>
<th>Opening Height</th>
<th>AFF</th>
</tr>
</thead>
<tbody>
<tr>
<td>For all available prefixes see page 16</td>
<td>H1 Harmony</td>
<td>89 Mortise Exit</td>
<td>75 Fail Safe</td>
<td>E 24°-32&quot;</td>
<td>12VDC</td>
<td>ET Trim &amp; Lever Designs see pages 7 &amp; 8</td>
<td>RHR</td>
<td>Available Finishes page 17</td>
<td>36&quot;</td>
<td>84&quot;</td>
<td>41&quot; Std.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>88 Rim Exit</td>
<td>F 33°-36&quot;</td>
<td>24VDC</td>
<td></td>
<td></td>
<td>LHR</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>87 SVR</td>
<td>J 37°-42&quot;</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>86 CVR</td>
<td>G 43°-48&quot;</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

---

### Finishes

<table>
<thead>
<tr>
<th>SARGENT Description</th>
<th>ANSI/BHMA</th>
</tr>
</thead>
<tbody>
<tr>
<td>03 Bright brass</td>
<td>605</td>
</tr>
<tr>
<td>04 Satin brass</td>
<td>606</td>
</tr>
<tr>
<td>09 Bright bronze</td>
<td>611</td>
</tr>
<tr>
<td>10 Satin bronze, clear powder coat</td>
<td>612</td>
</tr>
<tr>
<td>10B Oxidized satin bronze oil rubbed</td>
<td>613</td>
</tr>
<tr>
<td>10BL Oxidized satin bronze, clear powder coat</td>
<td>614</td>
</tr>
<tr>
<td>14 Bright nickel, clear coated</td>
<td>618</td>
</tr>
<tr>
<td>15 Satin nickel, clear coated</td>
<td>619</td>
</tr>
<tr>
<td>20D Dark statuary bronze, clear powder coat</td>
<td>620</td>
</tr>
<tr>
<td>26 Bright chrome</td>
<td>625</td>
</tr>
<tr>
<td>26D Satin chrome</td>
<td>626</td>
</tr>
<tr>
<td>32 Bright Stainless Steel (exits &amp; mortise locks only)</td>
<td>629</td>
</tr>
<tr>
<td>32D Satin Stainless Steel (exits &amp; mortise locks only)</td>
<td>630</td>
</tr>
</tbody>
</table>

Note: 10 Line Zinc levers are plated to match BHMA finish 80 Series ET Controls are supplied in 26 & 26D in lieu of 32 & 32D

---

**Handing**

**Left Hand Door**

**Left Hand Reverse Door**

**Right Hand Door**

**Right Hand Reverse Door**

---

**How to Order ET Trims Separately:**

- For 8900 Mortise Exit Devices: 775 Fail Safe*, 776 Fail Secure*
- For 8800 Rim & NB-8700 SVR Exit Devices: 775-8 Fail Safe*, 776-8 Fail Secure*
- For 8700 SVR Exit Devices: 775 Fail Safe, 776 Fail Secure
- For 8600 CVR Exit Devices: 775-4 Fail Safe, 776-4 Fail Secure

* Cylinder Keyed Different Supplied unless otherwise specified
Founded in the early 1800's, SARGENT® is a market leader in locksets, cylinders, door closers, exit devices, electro-mechanical products and access control systems for new construction, renovation, and replacement applications. The company’s customer base includes commercial construction, institutional, and industrial markets.

Copyright © 2003, 2004, 2007, 2008 SARGENT Manufacturing. All rights reserved. Reproduction in whole or in part without the express written permission of SARGENT Manufacturing is prohibited.

ASSA ABLOY is the global leader in door opening solutions, dedicated to satisfying end-user needs for security, safety and convenience.