Overview and Features

Profile Series v.G1.5

Overview

The Profile Series v.G1.5 are standalone access control products that offer a broad selection of technologies and programming features combined with ANSI/ BHMA Grade 1 mechanical locks. Many variations of the product, from the G1-LU series, which offers keypad only, to the full-featured G1-TP series, which includes keypad, proximity and RF technology, are available. The locks are programmed via infrared data transfer and/or keypad, and all units utilize a battery-powered microprocessor-based controller with non-volatile memory to preserve user codes.

Available in 8200 Series mortise lock, 10 Line cylindrical lock and 80 Series rim and mortise exit device configurations, these locking devices are UL Listed which includes keypad, proximity and RF technology, are available. The locks are programmed via infrared data transfer and/or keypad, and all units utilize a battery-powered microprocessor-based controller with non-volatile memory to preserve user codes.

• G1.5-LU (keypad only) configuration of stand-alone access control products are ideal for dormitories, assisted living facilities, hospitals, retailers, apartments and office complexes. Programming is accomplished through the keypad for most basic functions or via SoloPlus application software.
• G1.5-PK (proximity/keypad) version of stand-alone access control products offers the highest level of security and flexibility. These products can be programmed via keypad via SoloPlus requiring both a code (1-6 digits) and proximity card/fob/ tag presentation to gain entry. It can also be programmed for keypad or proximity presentation only.
• G1.5-PA (proximity only) configuration of access control provides a higher level of security. All programming must be handled through the SoloPlus application software. This configuration is ideal for high traffic applications where. Th pad usage is not desirable: universities, laboratories or hospitals. A “master” CommEnable proximity card or fob is required to initiate programming of the lock.
• G1.5-TU (keypad and RF technology) series of access control offer the convenience of the keypad along with the RF technology which allows for remote unlocking and locking of the unit. This configuration is ideal where security is a concern (offices and medical clinics).
• G1.5-TP (keypad, proximity and RF technology) series of access control offers all three technologies allowing the lock to be programmed to respond to any of the technologies as needed.
• G1.5-TA (proximity and RF technology) series offers the additional security of eliminating the keypad with the convenience of remote unlocking and locking through the RF technology.

* 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.

Standard Features

- 2000 users per lock
- 2000 event audit trail
- Powered by 6 AA batteries
- Low battery indication – four chirps after code entry
- Estimated battery life for non-RF models is 75,000 cycles
- Estimated battery life for RF models is 4-1/2 mos.
- Supports Remote unlocking
- UL Listed for Fire Doors
- Adjustable unlock time from 1 - 99 seconds
- Locks with keypads support 1 - 6 digit codes
- Moisture resistant coating on electronics
- Entry of three wrong user codes in succession disables all codes for ten seconds (selectable)
- UL Listed to Canadian safety standards
- Forced and propped door option
- Weather seal gasket, conduit and shroud recommended for use on exterior doors (optional, order separately)
- Remote power and request to enter available – requires wire harness (52-3010) and hard wiring

*Operating distance may vary depending on building construction

NOTES

- v.G1.5 controllers replace v.G1 controllers. Product is still ordered as G1- option. Controllers are labelled “G1.5”
- v.G1.5 controllers will work with SoLink Plus software versions 3.0 and above, and SoloPlus software, as well as provide additional keypad programming features.

Entry Code Features

- One master code – forced master code from factory default assigns emergency, supervisory and user codes and allows entry when deadbolt is thrown (mortise locks)
  - Multiple supervisory codes – allow temporary lockout of selected users, change unlock time duration, request infrared interrogation output and add user codes
  - Multiple emergency codes – allows entry when dead bolt is thrown (mortise locks).
  - Temporary (passage) code – unlocks for extended periods of time

Proximity Features

- Supports all HID 125 kHz bit formats by Keypad Presentation or when using proximity enrollment station ES-G1 with SoloPlus software
- Supports 26, 34, & Sargent 1000 (35 bit) HID formats with SoLink Plus™ version 4.0 or higher, and SoloPlus software programming

Clock/Time Features

- Real time clock with date & time
- Up to 8 time zones per lock
- Supports holidays (16 single & 16 blocked)
- Supports Daylight Savings Time

RF Technology Features

- UL and cUL Listed for fire doors
- Typical operating distance of 35 to 75 feet on inside of door; 10 to 25 feet on outside of door
- Multiple RF Fobs may be programmed into a single lock
- LED indicator on inside escutcheon shows when RF lock is actuated
- Primary modes of RF Technology: Passage, Unlock, Unlock/Relock and Panic

Keypad Features

- LEDs on unit indicate status – green indicates unlocked; yellow indicates programming mode
- Multiple emergency codes – allow temporary lockout of selected users, change unlock time duration, request infrared interrogation output and add user codes
- Maintained (passage) code – unlocks for extended periods of time
The v.G1.5 Profile Series 8200 motorized mortise lock product has a clean, crisp design and is available in many lever designs and hardware finishes. The Profile Series v.G1.5 mortise locks are ideal for business and facility entrances, computer room areas, telephone rooms, health clubs, and child care facilities. The 8200 Series mortise lock with dead bolt (8276, 8277) is an excellent choice for rest room doors, to provide privacy when the dead bolt is thrown.

**Mechanical Features**

- ANSI/BHMA A156.13 Grade 1 mortise lock
- For Windstorm Certifications, see page 18
- Motor driven mortise lock
- 3/4" stainless steel, anti-friction reversible latch
- For 1-3/4" (44mm) thick door standard. Consult factory for other thicknesses
- Stainless steel non-handed deadlocking latch
- Handed, easily field reversible without opening lockbody
- Lever trim through-bolted for increased security and durability
- Operates with 6 “AA” batteries (included)
- Not available with SC- & SE- options

**Profile Series v.G1.5 Mortise Lock Functions**

**All v.G1.5 Mortise Functions feature:**

- Trim outside rigid except when in “passage” mode or with valid user credential
- Trim inside always retracts latch and deadbolt
- Guardbolt deadlocks latch

**Cylinder Override Function Features:**

- Key outside retracts latch and deadbolt when trim is locked electronically
- Cylinder override requires 1-3/8" cylinder (Size 43) standard for conventional and interchangeable core cylinders

**Deadbolt Function Features:**

- When deadbolt thrown, outside lever operable only with Emergency or Master code
- 1" hardened stainless steel deadbolt

**Inside/Outside Escutcheon**

- Keys/buttons with double shot mold construction prevents wear
- Zinc die cast
- Operating temperature -40°F (-40°C) to 135°F (57°C)
- LEDs indicate valid/invalid entries
- Projection at bottom 5/16" (8mm) less lever
- Projection at top 1-5/8" (41mm)

**82243 Dorm Room Anti-Lock with Deadbolt and inside lever switch**

Note: Same as 8276 with these variations

- Dorm room application for students using proximity cards
- Prevents students from locking themselves out of dorm rooms
- Only available with v.G1.5 Technology
- Requires controller to be configured for Dorm Room application at factory
- Available with PK and PA versions

**Ordering Profile Cylindrical Locks**

<table>
<thead>
<tr>
<th>Options</th>
<th>Series</th>
<th>Type</th>
<th>Function</th>
<th>Technology</th>
<th>Levers</th>
<th>Finish</th>
<th>Hand</th>
</tr>
</thead>
<tbody>
<tr>
<td>Select from page 14-16</td>
<td>Select from G1.5 Mortise Lock Function chart above</td>
<td>PK, PA, LU, TP, TA or TU</td>
<td>Select lever and finish from pages 6-8</td>
<td>RHR, LHR, RH or LH</td>
<td></td>
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</table>
Profile Series v.G1.5 products are available with lever designs identical to levers offered on mechanical hardware to introduce uniformity throughout a facility. Lever projection from door surface varies with lock type.

**Profile Series v.G1.5**

**Standard and Coastal Levers**

<table>
<thead>
<tr>
<th>Standard Levers</th>
<th>Design</th>
<th>Handed</th>
<th>Mortise</th>
<th>Cyl.</th>
<th>Exit</th>
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<td>X</td>
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<table>
<thead>
<tr>
<th>Coastal Levers</th>
<th>Design</th>
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<th>Cyl.</th>
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</table>

**Finishes**

SARGENT offers many different finishes for Profile Series 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>
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<tr>
<td>03 Bright brass</td>
<td>605</td>
<td>X</td>
<td>X</td>
<td>X</td>
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<tr>
<td>04 Satin brass</td>
<td>606</td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>09 Bright bronze</td>
<td>611</td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>10 Satin bronze, clear powder</td>
<td>612</td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>10B Oxidized satin bronze oil robbed</td>
<td>613</td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>10BL Oxidized satin bronze, clear power coat</td>
<td>614</td>
<td>X</td>
<td>X</td>
<td>X</td>
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<tr>
<td>14* Bright nickel, clear coated</td>
<td>618</td>
<td>X</td>
<td>X</td>
<td>X</td>
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<tr>
<td>15* Satin nickel, clear coated</td>
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<td>26* Bright chrome</td>
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<td>32 Bright stainless steel</td>
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<td>32D Satin stainless steel</td>
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</table>

*With Exit Devices: 14, 15, 26 & 26D Finishes are available on external trims only, the exit devices will be supplied in 32 or 32D accordingly. When 32 or 32D is specified, the trim will be supplied in 26 or 26D accordingly.