

Efficient. Flexible. Dependable.



**Ecoflex™ Technology**  
Always the right fit.



Ecoflex™ technology, available in SARGENT electrified mortise locks, represents a significant innovation in door opening technology. The Ecoflex electrified mortise lock is ideal for access control applications, whether it's used in conjunction with a wall reader, in an integrated hard-wired lock, or in an integrated battery powered lock.



| FEATURES   | BENEFITS   |
|--|--|
| ANSI/BHMA Grade 1 certified mortise lock                       | Strength and durability; assurance of high quality hardware  |
| Reduced energy consumption and product sustainability measures | <ul style="list-style-type: none"> <li>■ Up to 96% energy savings, as certified by GreenCircle</li> <li>■ Lower operating costs</li> <li>■ Assists with load reduction in optimizing energy performance credit in LEED</li> <li>■ Reduces number of power supplies required for hard-wired locks</li> <li>■ Improves battery life for offline locks</li> </ul> |
| Field configurable to fail-safe or fail-secure                 | <p>A single lock body can be used for a variety of applications throughout a facility</p> <ul style="list-style-type: none"> <li>■ Simplifies ordering</li> <li>■ Reduces stocking requirements with one flexible lock</li> <li>■ Offers greater flexibility to adapt to changing requirements</li> </ul>  |
| Ability to operate from 12 volts to 24 volts                   | <ul style="list-style-type: none"> <li>■ Greater flexibility in system design</li> </ul>   |
| Innovative actuator design                                     | <p>Superior reliability</p> <ul style="list-style-type: none"> <li>■ Higher performance and reduced maintenance</li> <li>■ Ability to have longer cable runs without negatively impacting lock function</li> <li>■ Reduces risk of voltage drops and eliminates inductive kickback</li> <li>■ Lower total cost of ownership</li> </ul>                         |
| Available with a wide range of finishes and decorative levers  | <ul style="list-style-type: none"> <li>■ Blends into any environment seamlessly</li> </ul>   |

### Technical Specifications:

12V or 24V applications

- 500mA lock body peak current draw
- 15mA lock body holding current draw\*

\*Approximately 5% of an equivalent solenoid

### Available in:

- Electrified mortise locks
- Harmony Integrated Wiegand mortise locks
- IN120 WiFi mortise locks
- KP Series keypad mortise locks
- Passport 1000 P1 PoE mortise locks
- Passport 1000 P2 WiFi mortise locks
- Profile Series v.G1.5 offline locks
- Profile Series v.S1 PoE mortise locks
- Profile Series v.S2 WiFi mortise locks
- SE LP10 Integrated Wiegand mortise locks



In fail-safe applications, such as stairwells, the Ecoflex electrified mortise lock offers a potential savings of 50kWh per opening per year.

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

**SARGENT Manufacturing Company**  
800-727-5477 • [www.sargentlock.com](http://www.sargentlock.com)

