SARGENT®
ASSA ABLOY

Efficient. Flexible. Dependable.



Ecoflex™ Technology

Always the right fit.



ASSA ABLOY, the global leader
in door opening solutions

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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	▪ Up to 96% energy savings, as certified by GreenCircle ▪ Lower operating costs ▪ Assists with load reduction in optimizing energy performance credit in LEED ▪ Reduces number of power supplies required for hard-wired locks ▪ Improves battery life for offline locks
Field configurable to fail-safe or fail-secure	A single lock body can be used for a variety of applications throughout a facility ▪ Simplifies ordering ▪ Reduces stocking requirements with one flexible lock ▪ Offers greater flexibility to adapt to changing requirements
Ability to operate from 12 volts to 24 volts	▪ Greater flexibility in system design
Innovative actuator design	Superior reliability ▪ Higher performance and reduced maintenance ▪ Ability to have longer cable runs without negatively impacting lock function ▪ Reduces risk of voltage drops and eliminates inductive kickback ▪ Lower total cost of ownership
Available with a wide range of finishes and decorative levers	▪ Blends into any environment seamlessly

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
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