

Technical Details

10X Line Electrified Lock

SARGENT
ASSA ABLOY

The 10X Line electrified lock provides remote locking and unlocking, utilizing the 10X Line cylindrical lock. It is ideal for door control where increased security is necessary at all times, while meeting life safety codes.



Featuring EcoFlex®



- Reduces energy consumption up to 92%, as certified by GreenCircle
 - Lower operating costs
 - Assists with load reduction in optimizing energy performance credit in LEED
 - Reduces number of power supplies required
- Field configurable to fail-safe or fail-secure
- Operates from 12-24VDC, offering greater flexibility in system design
- Innovative actuator design provides 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

Door Prep	ANSI/SDI A250.14
Door Thickness	1-3/4" (44mm) thick door adjusts to 2" (51mm) standard 1-3/8" (35mm) thick door, specify 1- Option for Adapter plates Over 2" (51mm) up to 2-1/4" (57mm), specify 31- Option
Minimum Stile	4-1/2" (114mm)
Handing	Non-handed
Backset	2-3/4" (70mm) backset w/ 1-1/8" (29mm) front (standard) 2-3/8" (60mm) backset w/ 1" (25mm) wide front (specify 20- Option) 3-3/4" (95mm) backset w/ 1-1/8" (29mm) front (specify 23- Option) 5" (127mm) backset w/ 1-1/8" (29mm) front (specify 25- Option)
Latchbolt	Stainless steel, 1/2" (13mm) throw Optional: Brass 3/4" (19mm) throw deadlocking fire latch for pair of doors (specify 41- Option)
Front	Wrought brass and stainless steel 2-1/4" x 1-1-8" (57mm x 29mm) 2-1/4" x 1" (57mm x 25mm)
Strike	Wrought brass, bronze and stainless steel 808 curved lip ANSI 4-7/8" strike - standard 800 curved lip strike (specify 29- Option) Wrought box strike available (specify WBS- Option)
Cylinder	Brass, 6-pin LA keyway, 1-bitted standard, specify KD for keyed different/random
Keys	Two nickel silver change keys per lock standard
Masterkeying	Can be master keyed or grand master keyed Construction key systems available
Voltage	Accommodates 12VDC or 24VDC (Operating range 10.2VDC to 26.4VDC). Lock is polarity sensitive.
Electrical Specifications	Fail Safe / Fail Secure Current draw: 10mA @ 12VDC or 24VDC Continuous Peak current draw = 500mA @ 12VDC or 24VDC (Maximum of 2 locks per 1A Power Supply) Monitor switch rating: 500mA Max to 24VDC
Electrical Options	Request to Exit switch for monitoring activation of the inside lever (specify RX- Option)
Operating Temperature	-13°F (-25°C) to 151°F (66°C)
Operating Humidity	5% to 95% relative humidity non condensing
ElectroLynx®	Provided with 8-pin molex connector
Finishes	See page 23
Warranty	Two-year limited

Functions

Inside	Outside	Series/Function	Function Description
		10XG70	Fail Safe <ul style="list-style-type: none"> • Deadlocking latch by lever either side except when power on locks outside lever • Power off/unlocks outside lever • Inside lever always free • Latchbolt retracted by key when locked electrically
		10XG71	Fail Secure <ul style="list-style-type: none"> • Deadlocking latch by lever either side except when power off locks outside lever • Power on/unlocks outside lever • Inside lever always free • Latchbolt retracted by key when power is off

Indicates function available with BHW trim.