



Electrified Cylindrical Lock

**Solenoid controlled model
5100-S**

**Motor controlled model
5100-M**



The electrified lockset is used a grade 1 cylindrical lockset, with vandal resistant clutch.

The solenoid controlled lock can be electrically controlled by access control system, keypad, switch, or push button.

The lock can replace most brands of mechanical or electrified locksets for retrofit constructions.

The electric mortise lock can stay latched even when unlocked, maintaining fire door integrity, or request-to-exit devices.



Solenoid Controlled Cylindrical Lock



5100-SF (fail safe)

5100-S (fail secure)

SPECIFICATIONS

Door Thickness	1-3/8" - 2" (35 - 51mm)
Backset	2-3/8" or 2-3/4" (60 or 70mm)
Lever Length	4-15/16" (125mm)
Rose Diameter	3-9/16" (90mm)
Latchbolt	1/2" (12.7mm)
Strike	ANSI standard 4-7/8" (124mm)
Input	12/24VDC \pm 10%
Current Draw	12VDC@600mA 24VDC@300mA

FEATURES

- Fail safe, or fail secure options.
- Field selectable dual voltage 12V/24V.

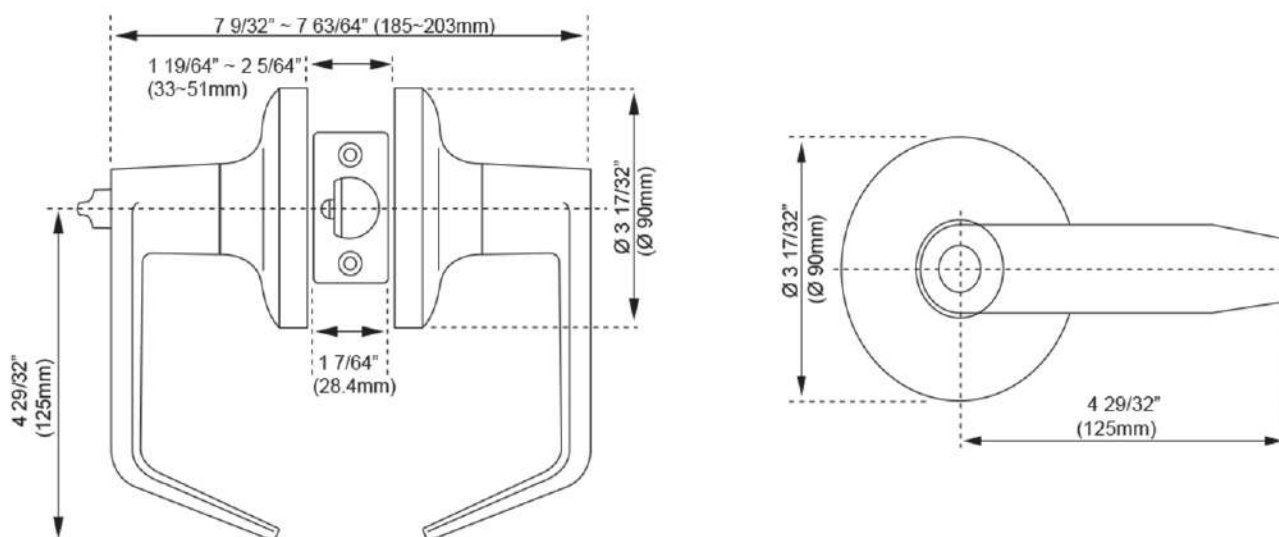
OPTIONAL OUTPUTS

- REX (request-to-exit)

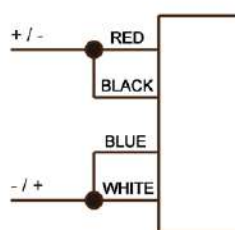


Solenoid Controlled Cylindrical Lock

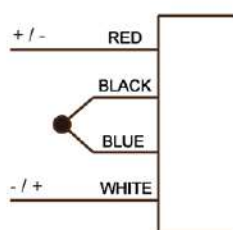
DIMENSIONS



WIRING DIAGRAM (field selectable dual voltage)



12VDC@600mA



24VDC@300mA



Motor Controlled Cylindrical Lock



5100-M

MOTOR SPECIFICATIONS

Standard Operation

Rated Voltage	6.0VDC
Range	5.0 - 7.0VDC
Direction	CW & CCW

Electrical Feature

No-Load Current	Max. 70mA
No-Load Speed	20100±2500 r/min
Rated-Load Current	Max. 200mA
Rated-Load Speed	17400±2100 r/min

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