



ND Series

Electrified cylindrical lock



Overview

Electronic access control systems can be installed in a variety of applications, but they always require a mechanical lock to ensure safety and security needs are met.

The Schlage ND cylindrical lock can be equipped with an electrified locking option. It can be quickly and easily installed and integrates with various key systems for field adaptability.

The electrified ND lock serves as the mechanical component to nearly any electronic access system. With the electrified option, the ND is wired to two sources, a regulating device and a power source. A regulating device such as a hand or card reader signals the ND Series to lock or unlock, while the power source serves as the energy source to change the status of the lock.

When it comes to access control, mechanical components are just as important as their electronic counterparts. The Schlage ND Series provides versatility and easy installation to complete your access control system.

Features and benefits

- Vandlgard® option prevents damage to internal lock when lever is subjected to abuse
- Change operation mode between Electrically Unlocking (EU or Fail Secure) or Electrically Locking (EL or Fail Safe) by simply flipping a switch on the chassis
- Low holding current for EL applications provide energy savings and avoids heated levers
- Exceeds ANSI A156.2 series 4000 Grade 1 torque requirements
- Auto-detects 12 through 24V DC input
- Extensive options for lever styles, finishes and functions
- Request-to-exit functionality can be easily upgraded in the field with the following kit part #: N123-062

ND Series mechanical specifications

Handing	Non-handed
Door thickness	1 ⁵ / ₈ " to 2 ¹ / ₈ " standard including Vandlgard
Backset	2 ³ / ₄ " standard, 2 ³ / ₈ ", 3 ³ / ₄ " and 5" optional
Faceplate	Brass, bronze or stainless steel. 1 ¹ / ₈ " x 2 ¹ / ₄ " (29 mm x 57 mm) square corner, beveled.
Lock chassis	Zinc plated for corrosion resistance.
Latchbolt	Steel, 1/2" (12 mm) throw, deadlocking on keyed and exterior functions. 3/4" (19 mm) throw anti-friction latch available for pairs of fire doors.
Exposed trim levers	Pressure cast zinc, plated to match finish symbols.
Roses	Brass or bronze.
Strike	ANSI curved lip strike 1 ¹ / ₄ " x 4 ⁷ / ₈ " x 1 ³ / ₁₆ " lip to center standard.
Cylinders and keys	6 pin solid brass cylinder is standard with Everest 29 S123 keyway furnished as default. Furnished with 2 nickel silver keys. Additional Schlage keyways available.
Keying options	Available in full size interchangeable core (FSIC) and small format interchangeable core (SFIC). Also available less cylinder and less FSIC to allow for Primus XP cylinder usage.
Lever design and finish	All ND levers and all ND finishes available

ND Series electronic specifications

Voltage	Auto-detects 12 through 24V DC operation
Peak current	.23 amps (230mA)
Holding current	0.01 amps (10mA)
Operating temperature	Maximum +120°F (+49°C) Minimum -32°F (0°C)
Micro switch electrical rating for request-to-exit (N523-194) function	2 amps 30V DC

ND Series electrified functions

No cylinder	ND12DEL: Electrically Locking/Fail Safe ND12DEU: Electrically Unlocking/Fail Secure
Outside cylinder	ND80PDEL: Electrically Locking/Fail Safe ND80PDEU: Electrically Unlocking/Fail Secure
Vandlgard	ND96PDEL: Electrically Locking/Fail Safe ND96PDEU: Electrically Unlocking/Fail Secure

Note: See pricebook for additional details.

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