ALLEGION

SCHLAGE

ND Series

Electrified cylindrical lock



Overview

The Schlage electrified ND Grade 1 Cylindrical lock has been completely redesigned to offer superior energy efficiency and flexibility in wired electrified applications. Key features include:

- Universal Input Voltage - autodetects 12 through 24V DC for installation flexibility
- User selectable Fail Safe/Fail Secure - set for EL or EU operation by moving switch on lock chassis
- More flexibility, less inventory - one lock supports 12-24V DC, EL or EU applications; RX can be added using RX kit
- Low maximum current draw – 0.23 amps (230mA) – allows up to 8 locks on a single 2 amp power supply
- Low holding current – 0.01 amps (10 mA) – produces minimal heat, eliminating “hot levers” in electrically locking applications and allowing reliable operation even in poorly ventilated wood doors
- Standard Allegion Connect quick-connect Molex system (can be cut off if traditional wiring splicing preferred)
- Exceeds ANSI A156.2 Series 4000 Grade 1 requirements
- UL listed for 3 hour fire door

Available functions

- Exit function (no cylinders)
  - ND12DEL: Electrically locking/fail safe
  - ND12DEU: Electrically unlocking/ fail secure
- Storeroom function (outside cylinder)
  - ND80PDEL: Electrically locking/fail safe
  - ND80PDEU: Electrically unlocking/ fail secure
- Storeroom Vandlgard[1] (outside cylinder)
  - ND96PDEL: Electrically locking/fail safe
  - ND96PDEU: Electrically unlocking/ fail secure

[1] Vandlgard outside trim “freewheels” when locked, providing extra protection against vandalism

Request to Exit

- Order with lock: specify RX in option field
- Order following components to retrofit (compatible with new electrified ND only):
  - switch (p/n N523-194)
  - screw (p/n N523-135)
  - torque plate (p/n N523-131)

Ordering instructions

Order using standard Schlage order form as follows:

ND Series electrified cylindrical lock						
Function	**Cylinder**	**Latch suffix**	**Trim**	**Finish**	**Door thickness**	**Options**
ND80EU	P	D	RHO	626	1 3/4"	N523-194

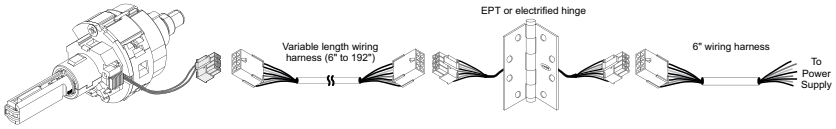
Lock specifications			
Function	ND12EL/EU, ND80EL/EU, ND96 EL/EU (see front of datasheet for model details) Specifying EL or EU provides the factory pre-set position; setting can easily be changed in field by moving a switch on the lock chassis.		
Cylinder	**Standard** P (Everest 29) L (Less cylinder) C (Less double cylinder) Cylinder code N/A for ND12	**FSIC** R (Everest 29 FSIC) J (Less FSIC) T (Construction FSIC)	**SFIC** G (Everest 29 SFIC) B (Less SFIC) BDC (Disposable SFIC) H (Construction SFIC)
Latch suffix	D for deadlatch functions (all models except ND10 passage, ND30 Patio, ND40 privacy, ND44 hospital privacy) S for springlatch functions (ND10 passage, ND30 Patio, ND40 privacy, ND44 hospital privacy only)		
Trim	ATH, OME, SPA, RHO, TLR		
Finish	605 Bright brass 606 Satin brass 612 Satin bronze	613 Oil rubbed bronze 619 Satin nickel 625 Bright chrome	626 Satin chrome 626AM Satin chrome anti-microbial 643e Aged bronze
Handing	LH (Left Hand) LR (Left Hand Reverse)	RH (Right Hand) RR (Right Hand Reverse)	
Door thickness	1 5/8" - 2 1/8" standard; see pricebook for additional thicknesses		
Option	Specify "RX" for Request to Exit. See pricebook for additional options.		

Note: Mixed lever designs and finishes available; please see pricebook for details.

Wire length				
AWG	**14**	**16**	**18**	**20**
12 volt	500' (152 m)	300' (90 m)	200' (61 m)	100' (30 m)
24 volt	Up to 1000' (304 m)			

Allegion Connect

The ND Series electrified cylindrical lock comes standard with Allegion Connect, a factory-installed Molex connector system that utilizes quick-connect harnesses and hinges for simplified installation and maintenance. Alternately, the connector can be cut off and the lock installed with traditional wire splicing methods. Note that the Allegion Connect harnesses and hinges are sold separately.



Allegion Connect cables	**Door type**	
	Hollow metal	Wood
6" wire harness	Con-6	Con-6P
12" wire harness	Con-12	Con-12P
26" wire harness	Con-26	Con-26P
32" wire harness	Con-32	Con-32P
38" wire harness	Con-38	Con-38P
44" wire harness	Con-44	Con-44P
50" wire harness	Con-50	Con-50P
192" wire harness	Con-192	Con-192P
6" extension to power supply	Con-6W	Con-6W

Note: Harness for hollow metal doors have connectors both ends; wood door harness comes w/connector on one-end with crimped pins on other w/attachable connector (required in wood doors due to more narrow cable raceway)

About Allegion

Allegion (NYSE: ALLE) is a global pioneer in safety and security, with leading brands like CISA®, Interflex®, LCN®, Schlage® and Von Duprin®. Focusing on security around the door and adjacent areas, Allegion produces a range of solutions for homes, businesses, schools and other institutions. Allegion is a $2 billion company, with products sold in almost 130 countries. For more, visit **www.allegion.com.**

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