

TECHNICAL DETAILS

Operating voltage	12VDC ±10%
	24VDC ± 15%
Max. current	0.4 A (12V, +20°C)
	0.2 A (24V, +20°C)
Monitoring	unlocked/ locked
Temperature range	-35°C...+66°C
	(-31 F. +151 F)
Bolt throw	16 mm (5/8")
Backset	24.6 mm(31/32")
	28.6 mm (1 1/8")

FINISH

Satin chrome plated steel forend.

CYLINDERS

1" ANSI standard mortice cylinders,
ABLOY® NOVEL, **ABLOY® PROTEC**
ABLOY® DISKLOCK PRO
 or other.

PACKAGE

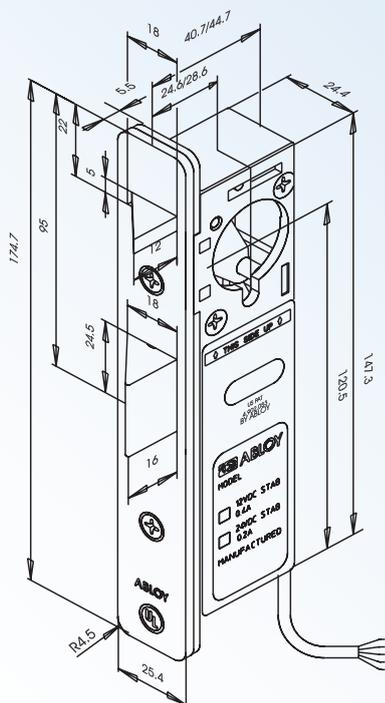
Lock case, strike plate, cam plug, fixing screws,
 drilling, fitting and wiring instructions.

MONITORING

Deadlocking status of bolt.

DIMENSIONS

EL410/EL411



APPLICATION

The locks are specially recommended to be used the interior and exterior doors of commercial premises, apartment buildings, etc., and are well suited for use with door automatics. The lock can be controlled by a variety of impulse generating equipment, e.g. card reader, key pad, timer or push button.

FUNCTION

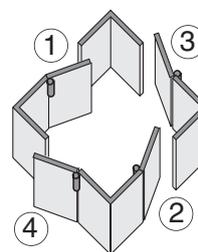
ABLOY® EL410 is a fail locked type lock. The door can be opened by pushing or pulling when electric control is switched on. When electric control is switched off, lock can be operated by key from outside and by handle from inside.

ABLOY® EL411 is a fail unlocked type lock. The door can be opened by pushing or pulling when electric control is switched off. When electric control is switched on, lock can be operated by key from outside and by handle from inside.

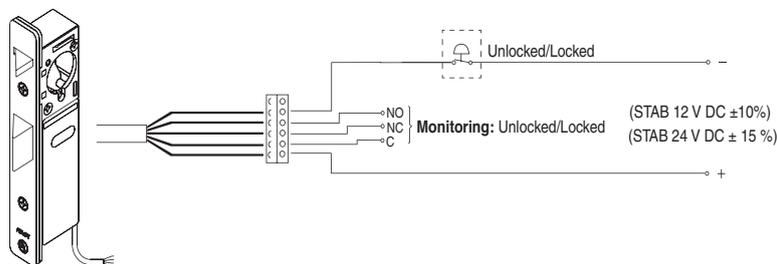
In locked mode **ABLOY® EL410** and **ABLOY® EL411** locks are always automatically deadlocked when door closes. Lock cases are equipped with an integral microswitch to indicate unlocked/locked position.

WHEN ORDERING PLEASE SPECIFY

- lock type
- quantity
- opening direction (please see the Fig.)
- voltage
- cam (standard or A/R)



WIRING PRINCIPLE



CYLINDERS AND FITTINGS

U = **ABLOY® NOVEL**, N = **ABLOY® PROTEC**, D = **ABLOY® DISKLOCK PRO**

Single cylinder	CY402D, U*), N	UL-listed
Single cylinder	CY404D, U*), N	

Fittings e.g. Adams Rite handle/ paddle

ACCESSORIES (Please order separately)

Lead cover EA280 or EA281

*) **ABLOY® NOVEL** available in 2011.



www.abloy.com

Abloy Oy
 Wahlforsinkatu 20
 P.O.Box 108
 FI-80101 JOENSUU
 FINLAND
 Tel. +358 20 599 2501
 Fax +358 20 599 2209



An ASSA ABLOY Group brand

Abloy Oy is one of the leading manufacturers of locks, locking systems and architectural hardware and the world's leading developer of products in the field of electromechanical locking technology.

ASSA ABLOY is the global leader in door opening solutions, dedicated to satisfying end-user needs for security, safety and convenience.

ASSA ABLOY

ABLOY[®] EL410, EL411 ELECTRIC LOCKS FOR NARROW STILE DOORS

ANSI RANGE



ABLOY[®] EL410 is a fail locked type and **ABLOY[®] EL411** is a fail unlocked type for narrow stile doors.