

# **ABLOY® EL402**

## **ELECTROMECHANICAL LOCK FOR NARROW STILE DOORS**

### **SCANDINAVIAN RANGE**



**ABLOY® EL402** lock case with double action bolt features an innovative adjustable backset technique. Lock case is EN 179 approved for emergency exits when used with **ABLOY® PPE004** push pad.

## TECHNICAL DETAILS

Operating voltage	12-24 VDC (-10%/+15%, stab.)
Current consumption	max 550 mA (12 VDC) idle 240 mA (12 VDC) max 270 mA (24 VDC) idle 110mA (24 VDC)
Temperature range	-20°C...+60°C
Bolt throw	14,5 mm
Adjustable backset	25, 28, 30, 33, 35 mm
Forend	25 mm

## FINISH

Chrome plated forend

## CYLINDERS

- Scandinavian oval type;

**ABLOY® NOVEL**, **ABLOY® PROTEC**,  
**ABLOY® DISKLOCK PRO**,

ASSA, RUKO, TrioVing or other.

- Finnish type; **ABLOY® NOVEL**, **ABLOY® PROTEC**,  
**ABLOY® DISKLOCK PRO** or **ABLOY® CLASSIC**

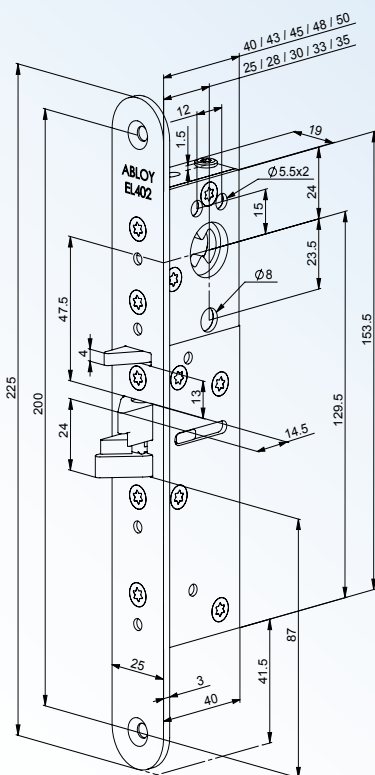
## PACKAGE

Lock case, strike plate EA307, connection plugs, fixing screws, lock case manual

## STANDARDS

EN 61000-6-3:2007	EMC
EN 61000-6-1:2007	EMC
EN 12209:2004	Mechanical resistance
EN 179:2008	Emergency exit

## DIMENSIONS



This document may not be used in the installation of a lock. Drilling and wiring diagrams and installation instructions are included in the lock case manual, which is included in each lock case package. We reserve the right to make alterations to the products described in this leaflet.

## APPLICATION

**ABLOY® EL402** is typically used in the exterior doors of apartment buildings and interior doors of business premises.

The lock includes a new double action bolt construction for durable and easy use and they offer a cost-effective way of electric locking that is highly advantageous in comparison to e.g. electric strike.

**ABLOY® EL402** can be controlled by a variety of electrical impulse generating equipment such as card reader, keypad or timer. The locks can be connected to automatic swing door operators and are an excellent solution for use in access control systems. Frame mounting above the door is also possible.

Because of its unique symmetrical trigger bolt **ABLOY® EL402** can be used in swinging doors.

The locks can not be used in fire doors.

## FUNCTION

Door can be opened by pushing or pulling when electric control is switched on.

**ABLOY® EL402** can be configured to operate also fail unlocked, when the door can be opened by pushing or pulling when the electric control is switched off.

Lock can always be opened by key, thumbturn or push pad and the lock deadlocks automatically when the door closes.

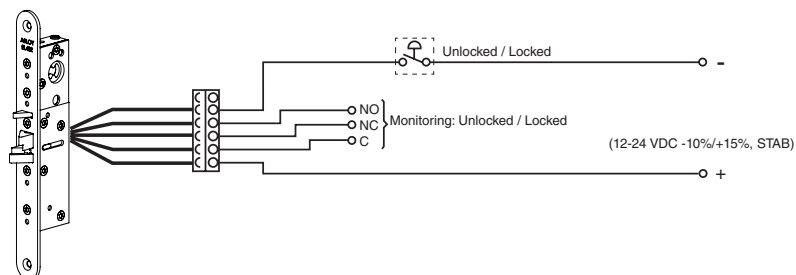
New functional features

- Adjustable backset
- Non-handed, symmetrical trigger bolt
- Immediate release of deadlocking
- Configurable fail locked / fail unlocked
- Wide operating voltage

**ABLOY® EL402** is not recommended for use in doors with seal force.

In swinging doors the lock may be locked only when the door has completely stopped in the closed -position.

## WIRING PRINCIPLE



## CYLINDERS AND ACCESSORIES (Please order separately)

	<b>ABLOY® NOVEL (U)</b> <b>ABLOY® PROTEC (N)</b> <b>ABLOY® DISKLOCK PRO (D)</b>	<b>ABLOY® CLASSIC</b>	<b>DOOR PULLS / PUSH PAD</b>	<b>STRIKE PLATES</b>	<b>CABLES</b>	<b>LEAD COVERS</b>
<b>Single</b>	CY066U, N, D (F) CY201U, N, D (SO) *) **)	CY066C (F)	See <b>ABLOY®</b> Architectural Hardware brochures.	EA308 4613 4614	EA211 (6m) EA221 (10m)	EA280 EA281
<b>Double</b>	CY067U, N, D (F) CY202U, N, D (SO) ***)	CY067C (F)	Push Pad PPE004	For swinging doors EA311		

(F)= Finnish cylinder (SO)= Scandinavian oval

\*) Compatible with fittings 6411 (outside cylinder ring, inside thumbturn)

\*\*) Compatible to EN179 with push pad PPE004

\*\*\*) Compatible with fittings 6412 (cylinder rings)



www.abloy.com

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

