

# ABLOY® EL512 ELECTROMECHANICAL LOCK FOR WOODEN DOORS SCANDINAVIAN RANGE



## TECHNICAL DETAILS

|                   |                                                    |
|-------------------|----------------------------------------------------|
| Operating voltage | 12VDC -10%/+15% or<br>24VDC $\pm$ 15%              |
| Typ. current      | 0.24 A (24V DC +20°C) or<br>0.46 A (12V DC, +20°C) |
| Temperature range | -20°C...+60°C                                      |
| Bolt throw        | 14 mm                                              |
| Backset           | 50 mm                                              |

## FINISH

Chrome plated forend and lock body

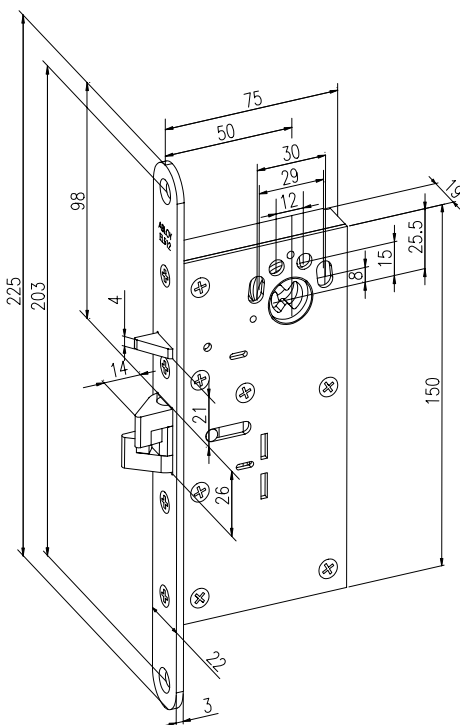
## CYLINDERS

- Scandinavian oval and round cylinders;  
ABLOY DISKLOCK PRO, ASSA, RUKO;  
TrioVing or other.
- Finnish type; ABLOY CLASSIC or ABLOY  
DISKLOCK PRO.

## PACKAGE

Lock case, spacers 442549, connection plugs,  
fixing screws, drilling, fitting and wiring  
instructions.

## DIMENSIONS



# ELECTRIC LOCKS ABLOY® EL512, EL513 WITH DOUBLE ACTION BOLT



ABLOY EL512 is a fail locked type and EL513 a fail unlocked type lock with special double action bolt for wooden doors.

## APPLICATION

EL512 and EL513 are used i.e. in the exterior doors of apartment buildings and interior doors of business premises. Please note that EL513 is always recommended to be installed with inside thumbturn.

The locks include a special double action bolt for quick and easy use and offer a cost-effective way of electric locking that is highly advantageous in comparison to i.e. electric strike.

The locks can be controlled by a variety of electrical impulse generating equipment, i.e. card reader, keypad and timer.

The locks can be connected to automatic swing door operators and is very suitable for use in access control systems.

Also available:

- EL512 DA and EL513 DA with symmetrical trigger bolt for use in swinging doors.

## FUNCTION

### EL512

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 or thumbturn only.

### EL513

Door can be opened by pushing or pulling when electric control is switched off.  
When electric control is switched on, lock can be operated with key or thumbturn only.

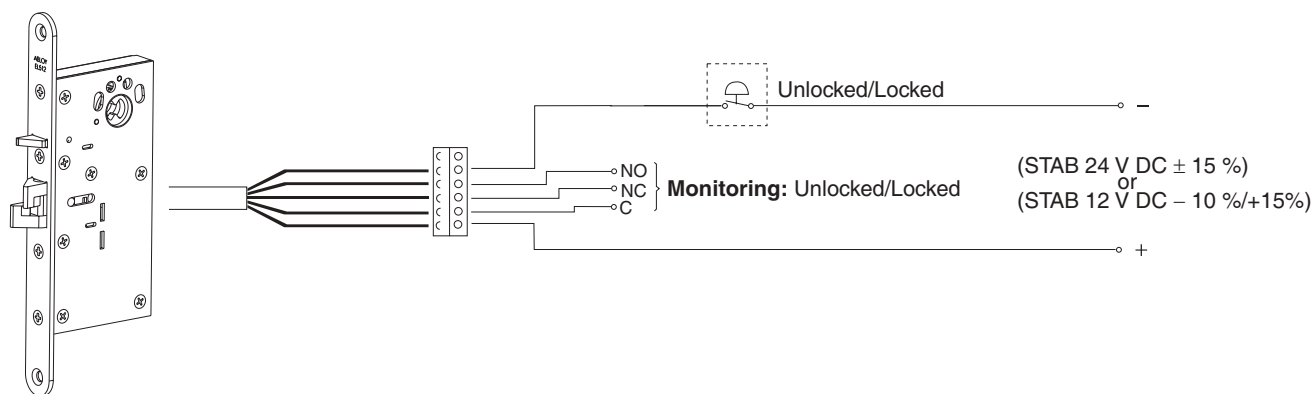
Lock is always automatically deadlocked when door closes. Lock cases are equipped with an integral microswitch to indicate unlocked/locked position.

#### Note:

EL512 and EL513 are not recommended for use in doors with seal force.



## WIRING DIAGRAM



## COMPATIBILITY CHART FOR CYLINDERS, FITTINGS AND ACCESSORIES

| CYLINDERS AND FITTINGS |                   |                                                     | ACCESSORIES (Please order separately)               |           |       |            |
|------------------------|-------------------|-----------------------------------------------------|-----------------------------------------------------|-----------|-------|------------|
|                        | ABLOY CLASSIC     | ABLOY DISKLOCK PRO                                  | Handle                                              | Strike    | Cable | Lead cover |
|                        | Cylinder/fittings | Cylinder/fittings                                   |                                                     |           |       |            |
| Single w/<br>thumbturn | 5781C*)<br>CY001C | 5781D (F)*)<br>CY001D (F)<br>5402D (SO)/ –          | See ABLOY<br>architectural<br>hardware<br>brochures | 4630/4631 | 8850  | 8810/8811  |
| Double                 | 5782C<br>CY002C   | 5782D (F) 5842D (SO)/ –<br>CY002D (F) 5844D (SR)/ – |                                                     |           |       |            |

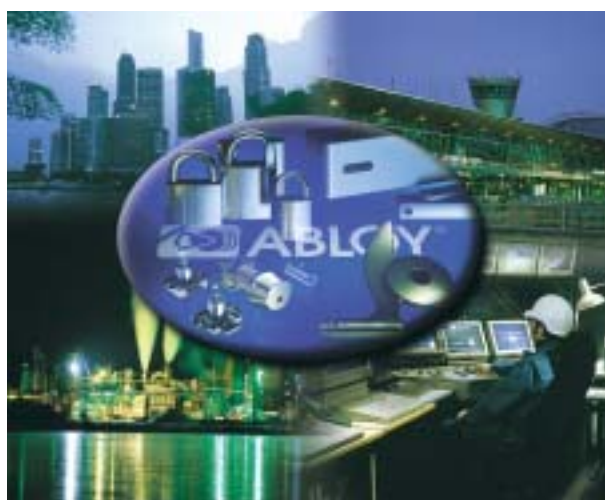
\*) compatible with emergency exit dome 6488  
SO= Scandinavian oval, SR = Scandinavian  
round, F=Finnish

## ABLOY® – the sign for security



The quality and environmental systems used by Abloy Oy guarantee that customers can be certain of ABLOY® quality in every field. We received our first Quality System Certificate - SFS-EN ISO 9001 - in 1989. Just eight years later, Abloy Oy was one of the first companies in Finland to be granted an SFS-EN-ISO 14001 Environmental System Certificate.

Our products are designed and manufactured not only to provide high levels of security, but also to be reliable, user-friendly and aesthetically pleasing. ABLOY® is your sign for security.



ABLOY is a registered trademark of Abloy Oy, 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 lock technology.

The unique ABLOY® detainer disc cylinder mechanism has several advantages over conventional locking mechanisms. Ever since its invention in 1907, it has been a symbol of high security and superior performance.

Our range consists of electromechanical locks, cam locks, padlocks, office furniture locks, rim locks, lock cases, cylinders for different types of mortice locks, door closers, door automatics and architectural hardware. ABLOY® locking solutions for every application are available from our world-wide network of distributors.

Customer-oriented development, combined with our long experience and extensive security expertise, mean that ABLOY® security solutions employ the very latest technology to meet your needs.



[www.abloy.com](http://www.abloy.com)

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