



ABLOY® EL502

**ELECTROMECHANICAL
LOCK FOR WOODEN DOORS
SCANDINAVIAN RANGE**

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	-25...+70oC
Bolt throw	14,5 mm
Backset	50 mm
Forend	22 mm

FINISH

Chrome plated forend

CYLINDERS

- Scandinavian oval and round cylinders;
ABLOY® NOVEL, **ABLOY® PROTEC²**, ASSA, RUKO, TrioVing or other.
- Finnish type; **ABLOY® NOVEL**, **ABLOY® PROTEC²**

PACKAGE

Lock case, connection plugs, fixing screws, lock case manual

MONITORING

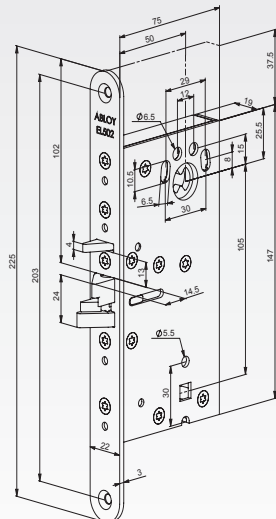
Deadlocking status of double action bolt

STANDARDS

- EN 179 Emergency exit
- EN 61000-6-1: EMC
- EN 61000-6-3: EMC
- EN 14846 Electromechanically operated locks

Abloy lock cases are always tested according to the latest versions of the standards.

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.



ABLOY secures people, property, and business operations on land, at sea, and in the air – in all circumstances.

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

APPLICATION

ABLOY EL502 is typically used in interior doors of business premises and educational buildings. The lock has a special double action bolt for quick and easy use and it offers a cost-effective way of electric locking that is highly advantageous in comparison to e.g. electric strike. The lock can be controlled by a variety of control devices such as card reader, keypad and timer. The lock can be connected up to an automatic swing door operator and is an excellent solution for use with access control system.

FUNCTION

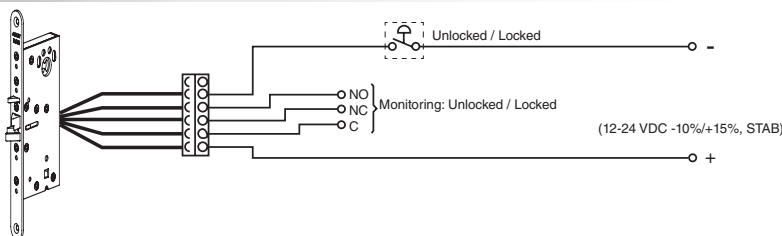
Door can be opened by pushing or pulling when electric control is switched on. ABLOY EL502 can be configured to operate also fail unlocked, then the door can be opened by pushing or pulling when the electric control is switched off. Lock can always be opened mechanically by key, thumbturn or push pad and it deadlocks automatically when the door closes.

Functional features

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

ABLOY EL502 lock cases is not recommended for use in doors with seal force. The lock cannot be used in fire rated doors.

WIRING PRINCIPLE



CYLINDERS

U = **ABLOY® NOVEL**, T = **ABLOY® PROTEC²**

Single	CY001, U, T CY013, U, T CY028, U, T CY016, U, T (**)** CY201U, T (**) CY203U, T (**)	Finnish, w/ thumbturn Finnish, w/ thumbturn Finnish, w/ thumbturn Finnish Scandinavian oval Scandinavian round
Double	CY002, U, T CY029, U, T CY062, U, T CY202U, T CY205U, T	Finnish Finnish Finnish Scandinavian oval Scandinavian round

*) Compatible with emergency exit dome 6488 **) Comply with EN 179 with push pad PPE004

ACCESSORIES (Please order separately)

Push pad	PPE004	
Cable	EA211 (6m), EA221 (10m)	
Lead cover	EA280 EA281	
Strike	LP711 LP714 LP721 (rebated) LP731 (rebated)	EA307 (metal doors) EA308 (metal doors) 4613 (metal doors) 4614 (metal doors)



MANUFACTURER:

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