



HIGH SECURITY MOTOR LOCK
ABLOY® EL574
SCANDINAVIAN RANGE

TECHNICAL DETAILS

Operating voltage	12-24 VDC +15%, stab. 12-18 VAC (-10%/+15%, RMS)
Typ. Current	MAX: 12V 300mA / 24V 150mA. MOTOR DRIVE: 12V 200mA / 24V 100mA IDLE: 12V 70mA / 24V 35mA
Temperature range	-25°C...+70°C
Hold open delay	2...15 sec
Bolt throw	14 mm latch bolt 20 mm DHB Dynamic Hook Bolt
Backset	50 mm
Forend	22 mm
Spindle	8 mm

FINISH

Chrome plated forend

PACKAGE

Lock case, control unit EA452 (EL874, EL875 with control unit EA453), fixing screws and lock case manual. Strike plate is ordered separately.

CYLINDERS

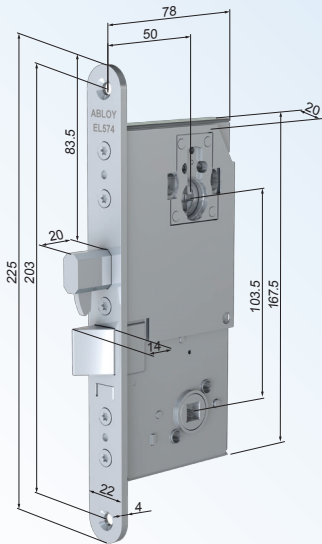
- Scandinavian oval and round type; ABLOY NOVEL, ABLOY PROTEC², ASSA, RUKO, TrioVing or other cylinders, check availability from your ASSA ABLOY dealer.

STANDARDS

EN 14846	Electric locks standard
EN 179	Emergency exit (EL874, EL875)

DIMENSIONS

Lock case dimensions conform to SS 81 73 83.



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

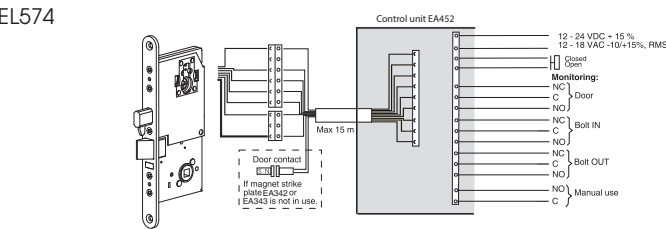
ABLOY EL574 is a high security lock with a new DHB Dynamic Hook Bolt for exterior and interior doors, which are unlocked at day time and electrically locked at night time. Typical applications are e.g. commercial buildings, schools, universities and industrial premises. Locks can be controlled by e.g. card readers or a timer. ABLOY EL574 is the correct solution for doors, which must remain closed, but unlocked for convenient handle opening in day time. In night time the door is electrically deadlocked. Available models:

- ABLOY EL574 with Dynamic Hook Bolt and handle operated latch bolt
- ABLOY EL575 with Dynamic hook bolt only
- ABLOY EL874 same as EL574, but approved for EN 179 exit doors with the lever handle ASSA 179C
- ABLOY EL875 with Dynamic hook bolt only, approved for EN 179 exit doors with the lever handle ASSA 179D

FUNCTION

ABLOY EL574 includes two bolts: a fast, motorized DHB Dynamic Hook Bolt and a handle-operated latch bolt. Hook bolt is thrown and withdrawn by motor. The hook bolt can be electrically controlled into open position in two ways:
- momentarily: bolt deadlocks automatically after delay of 2 - 15 seconds
- continuously: bolt remains in open position as long as control is on
The lock case is equipped with door contact, which prevents the bolt from being thrown before the door is closed.
Mechanical opening by cylinder is always possible.

WIRING PRINCIPLE



CYLINDERS AND ACCESSORIES (Please order separately)

		ABLOY® NOVEL (U) ABLOY® PROTEC ² (T)	STRIKE PLATES	CABLES	LEAD COVERS
EL574, EL575	Single w/thumbturn	CY201U, T / 6415 (SO) CY204U, T (SR)	EA342 EA343	EA214 (6m) EA224 (10m)	EA280 EA281
EL574, EL575	Double	CY202U, T / 6412 (SO) CY205U, T (SR)			

SO= Scandinavian oval SR=Scandinavian round



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.

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