

# MULTIFUNCTION MOTOR LOCK

## **ABLOY® EL754**

### SCANDINAVIAN RANGE



**ABLOY® EL754** is a new generation motor lock for wooden and steel doors. It provides the best possible mechanical strength combined with highly advantageous electric features, e.g. data communication between lock case and control unit.

## TECHNICAL DETAILS

Operating voltage	12 - 24 V DC +15%, stab. 12 V AC (-10%/+50%) RMS
Typ. current	norm. 300mA idle 60mA max. 850mA
Temperature range	-20°C...+60°C
Bolt throw	rectangular bolt 20 mm, double action bolt 14 mm
Backset	50 mm
Forend	22 mm
Spindle	8 mm

## FINISH

Chrome plated forend

## CYLINDERS

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

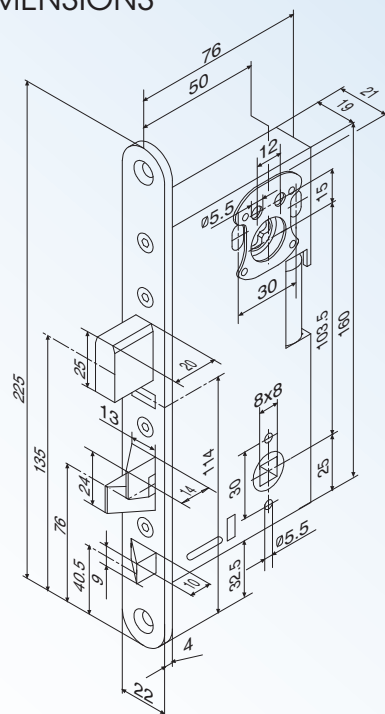
## PACKAGE

Lock case, control unit, striker plate 4632 with door contact, connection plugs, fixing screws, lock case manual

## MONITORING

- security bolt in
- security bolt out
- latch locked
- door status

## 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® EL754** is suitable for exterior doors requiring high security. Typical applications are e.g. doors of commercial buildings, offices and industrial premises.

**ABLOY® EL754** includes two bolts which can be individually controlled. The double action bolt enables quick and easy locking and the lock is therefore especially well suited for doors which are frequently used in daytime. The high security dead bolt is ideal for night time locking requiring greater strength and security.

**ABLOY® EL754** ideal for use with access control systems and can be controlled by a variety of electrical impulse generating equipment, i.e. card reader, keypad or timer. The lock is suitable for use with automatic swing door operators.

Also available:

**ABLOY® EL755 with dead bolt only**

**ABLOY® EL754** and **ABLOY® EL755** lock cases and **EA470** control unit are ASSA ABLOY Hi-O Technology™ certified products.

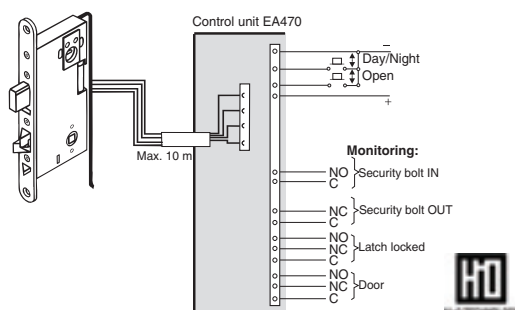
## FUNCTION

**ABLOY® EL754** has three ways of operation which can be chosen remote controlled:

1. Open mode
  - Dead bolt is withdrawn and double action bolt is not deadlocked.
2. Locked mode
  - Dead bolt is withdrawn all the time. Double action bolt is out and deadlocked.
  - Opening impulse releases the deadlocking of double action bolt. After door use or delay the double action bolt deadlocks immediately.
  - Handle use is possible on locked mode only.
3. Security mode
  - Dead bolt and double action bolt are out and deadlocked.
  - Opening impulse withdraws the dead bolt and releases the deadlocking of double action bolt. After door use or delay the double action bolt is deadlocked immediately.
  - Dead bolt is thrown and deadlocked by motor and/or spring.

## WIRING PRINCIPLE

EL754



## CYLINDERS AND ACCESSORIES (Please order separately)

	ABLOY® NOVEL	ABLOY® PROTEC	ABLOY® CLASSIC	STRIKE PLATES	CABLES	LEAD COVERS
Single with thumbturn	CY001U (F) CY016 (F) *) CY201U (SO) CY204U (SR)	CY001N (F) CY016 (F) *) CY201N (SO) CY204N (SR)	CY001C (F) CY016 (F) *)	4632 4633	EA216 (6 m) EA226 (10 m)	EA280 EA281
Double	CY002U (F) CY202U (SO) CY205U (SR)	CY002N (F) CY202N (SO) CY205N (SR)	CY002C (F)			

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



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