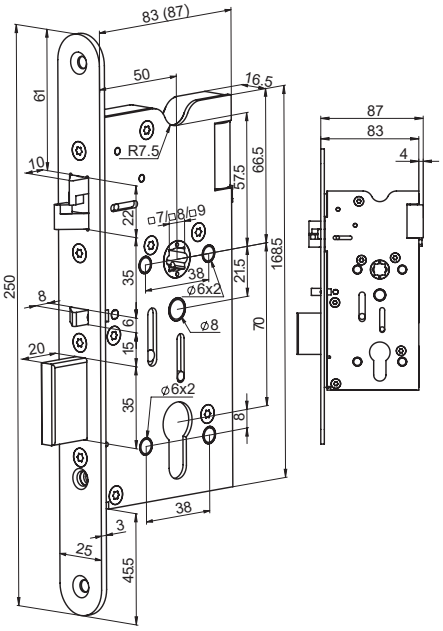
Abloy Oy Wahlforssinkatu 20 P.O. Box 108 FI-80101 Joensuu, Finland | Tel. +358 20 599 2501 | abloy.com

ABLOY® EL524
Motor lock for solid doors



Product description
High security lock EL524 is used in environments where convenience, higher security, high durability or door automation is needed. The integrated monitoring contacts from the lock can be connected to the different systems. Deadbolt is withdrawn inside the lockcase by motor and double action latch is released, when electrical control is on. Door is opened from outside by using door pull. Also possible to connect with door automatics for full hands-free operation. Inside handle opens lock mechanically (exit function), no need for electric control. When door closes, dead bolt is thrown out automatically, double action latch is blocked and the lock case is secured in two points. EL524 is a French model of EL520 which means that is has the same functionalities but is also suitable for French mortise standards.
The product is EN179 and EN1125 certified when assembled according to installation instructions. These standards make the product suitable for door environments where passing through in one direction must always be possible.

Overview of Advantages
- Motorized bolt traction for push&pull and door automatics use
- Electric anti-tampering: if deadbolt is thrown out when door is not closed, it is withdrawn in automatically.
- Non handed, left / right
- Burglary-resistant due to dead bolt with 20 mm throw
- Exit function by inside handle
- Suitable for fire doors
- Mechanical override with cylinder
- Back-up function: If deadbolt is withdrawn by motor and then power is cut, deadbolt is thrown out immediately (closed door) or allowed to throw out (when door is closed).
- Monitoring functions
    - Door status
    - Handle down
    - Bolt deadlocked
    - Bolt in
    - Key cylinder used
    - Sabotage loop

Scope of delivery
- Lock case
- Accessory set
- Operating manual

Ordered separately
- Strike plate (e.g. EA324)
- Cable EA218 (6m) / EA219 (10 m)
- Lead cover EA280/281
- Handle/pull set (e.g. DH622)
- Cylinder (e.g. CY321T)

Technical data

Handing	Reversible
Exit function	Yes
Latch	Cross latch
Backsets	50 mm
Spindle size	7 mm / 8 mm / 9 mm
Dead bolt	Yes, 20 mm
Input operating voltage	12-24 VDC
Rated current consumption	12 VDC idle 80 mA, normal drive 450 mA, max. 1300 mA 24 VDC idle 40 mA, normal drive 220 mA, max. 600 mA
Relay capacity	Max. 0.8 A 30 V AC/DC resist. 20 W
EN14846:2008	3S8D-L611
EN179:2008	3 7 6 (0/B)*1 3 4 2 A B
EN1125:2008	3 7 6 B1 3 2 1 A B

This content is protected by Intellectual Property Rights Laws. The title to the content shall not pass to you, and instead shall remain with Abloy Oy or a third party holding the title. Abloy develops continuously the products and solutions offered. Therefore, the information contained in the document is subject to change without notice. ABLOY PROVIDES THIS CONTENT ON AN "AS IS" BASIS WITHOUT ANY WARRANTIES OF ANY KIND, EXPRESS, IMPLIED, OR STATUTORY."