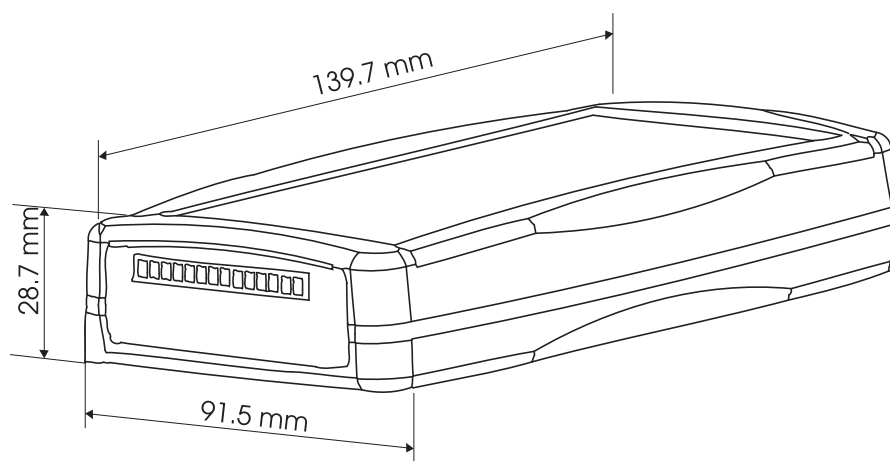
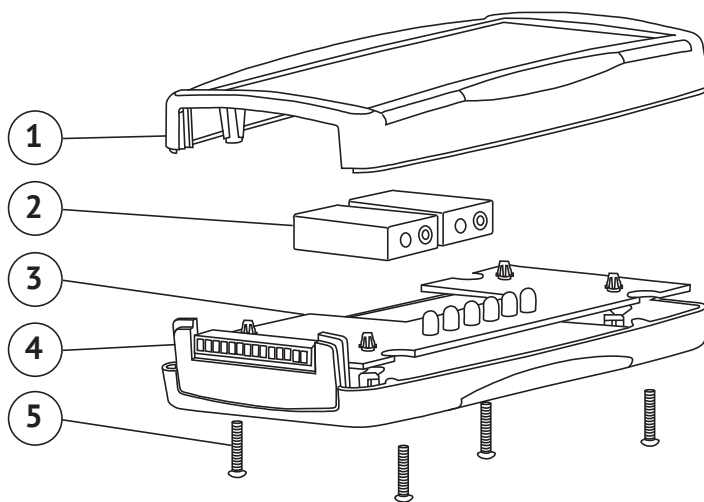


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**ABLOY® EA600**  
Tester for Europrofile range ABLOY electromechanical lock cases

**TECHNICAL DATA**

Lock cases:	EL420, EL520, EL460, EL560 and other ABLOY Europrofile range lock cases.
Operating voltage:	+12 - + 24 V DC and/or with two 9 V ULTRALIFE batteries (U9VL-J) (batteries are included into the tester delivery)
Output voltage:	+12 (-5%) V DC -> +11.4 - +12 V DC
Output current:	max. 1 A
Ambient temperature:	20°C - +60°C
Cable:	950912 (0.5 m, incl. to the tester delivery)
Battery durability:	Solenoid lock cases approximately 3000 cycles Motor lock cases approximately 2000 cycles
Indications:	Power (green) Handle down (green) Bolt out (red) Bolt in (green) Door closed (red) Cylinder used (yellow)
Function:	Choice of lock type: - motor lock case - solenoid lock case Control

**CHANGE OF BATTERIES**

1. Box cover
2. Batteries
3. Circuit board
4. Box bottom and front plate
5. Fixing screws (4 pcs)

Remove the fixing screws.  
Lift the cover carefully.

Change the batteries and install the cover back in place.

# OPERATION

## Start

Tester is turned on by switching the ON/ OFF switch to ON position and by pressing the Opening -key once. "Power" light is illuminated when the power is on.

Indications will not illuminate before the tester is connected to a lock case and Opening -key has been pressed.

## Standby mode

### Battery

- Tester goes to Standby-mode automatically if Opening -key has not been pressed in 25 sec.
- Standby-mode is cancelled by pressing the Opening -key

### Input voltage

- When tester has been connected to input voltage (+12 - +24 V DC), Standby-mode is not available

## Lock type

Choose the correct lock type (Motor or Solenoid) by the switch.

## Use

Lock case is controlled by the Opening -key. Control is on until the key is pressed again. During the Control, the Opening -key is illuminated.

NOTE! The electrical anti-manipulation function of EL520/EL420 is not available with the tester use.

## How to test a jamming lock case

Tester has not been designed for testing jamming lock cases. During this type of testing the output voltage does not remain stable, but can decrease and cause e.g. blinking of indications.

NOTE! If you are testing a jamming lock case with battery use, the batteries run out very quickly.

# WIRING DIAGRAM

Pin	Colour		Indication
1	turquoise		Bolt out
2	orange	Bolt in	
3	red/green		Cylinder
4	blue		Handle use
5	brown		Door status
6	red		Solenoid control
7	yellow		Motor control (MOTOR_B)
8	green		MOTOR_A
9	black + violet + red/yellow	Ground	
10	white		+12 V for the lock case
11	GND		Ground
12	V DC (+12 - 24 V)	Input voltage for EA600	

All wires to pins 1 - 10 must be connected. Otherwise the indications and/ or controls do not work.



**This product contains materials, such as electronics, which require specialist recycling techniques. When the product is taken out of use, disassemble it and sort and recycle the different materials as per valid recycling instructions.**

Dieses Produkt enthält Materialien, wie elektronische Bauelemente, die spezielle Recycling-Methoden erfordern. Wenn das Produkt nicht mehr im Gebrauch ist, bitte es ausbauen und die verschiedenen Materialien gemäss der gültigen Recycling-Methoden sortieren und recyceln.

Certains matériels, comme les composants électriques, demandent des techniques spéciales de recyclage.

Algunos de los componentes de este producto, como los electrónicos, requieren técnicas de reciclado especiales.

Sommige materialen in dit product waaronder de elektronische componenten vereisen een gescheiden afvalverwerking.

Alcuni materiali presenti in questi prodotti come i componenti elettronici richiedono aziende specializzate nello smaltimento dei rifiuti speciali.

Některé materiály v tomto produktu, stejně jako elektronické součástky, vyžadují odborné recyklační techniky.

Ten produkt zawiera podzespo<sup>3</sup>y elektroniczne. Po zakończeniu użycia produktu zastosuj odpowiednie procedury recyklingu.

Часть материалов, такие как электронные компоненты, требуют специальной технологии переработки. Когда изделие снято с эксплуатации, разберите его, отсортируйте и перерабатывайте различные материалы в соответствии с действующими инструкциями по их переработке.

**We reserve the right to make alterations to the products described in this leaflet.**

Von der Beschreibung abweichende Änderungen vorbehalten.

Nous nous réservons le droit de modifier les produits décrits dans cette brochure.

ABLOY OY se reserva el derecho a efectuar modificaciones en este documento.

Ci riserviamo il diritto di porre modifiche al contenuto di questo manuale d'installazione.

Vyhradzujeme si právo na změnu produktupopsaných v tomto letáku.

Zastrzegamy sobie prawo do zmian w produktach opisanych w tym dokumencie.

Мы оставляем за собой право внесения изменений в изделие, описанное в данном буклете.



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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