

# ASSA EML 110

**ASSA**<sup>®</sup>  
ASSA ABLOY

Electromechanical lock

ASSA ABLOY, the global leader  
in door opening solutions



#### Application

EML110 is an electromechanical lock designed to be used in post boxes, archive cabinets, etc.

#### Features

EML110 is to be connected to 24 V DC. To protect superior systems from transients (peaks) the EML110 is equipped with a protective diod that is assembled close to the coil. The lock is supplied with 2 cables with length 200 mm and diameter 2,2 mm for connection to superior systems. The EML110 is assembled in the standard 18/22 mm hole on the door. EML100 is available in 2 versions. For doors with thickness up to 7 mm and for doors with thickness between 7-17 mm.

#### Function

When an opening signal is given to the EML110 the turn can operate the catch. When the open signal is no longer given the blocking mechanism locks automatically when the turn is returned to locked position. The turn range for the catch is 90°. The catch is ordered separately, see datasheet "Catches". The lock comes as standard for 24 V DC for righthanded doors, but is also available for left-handed doors. The lock can also be ordered with 12 V DC, but this is not standard.

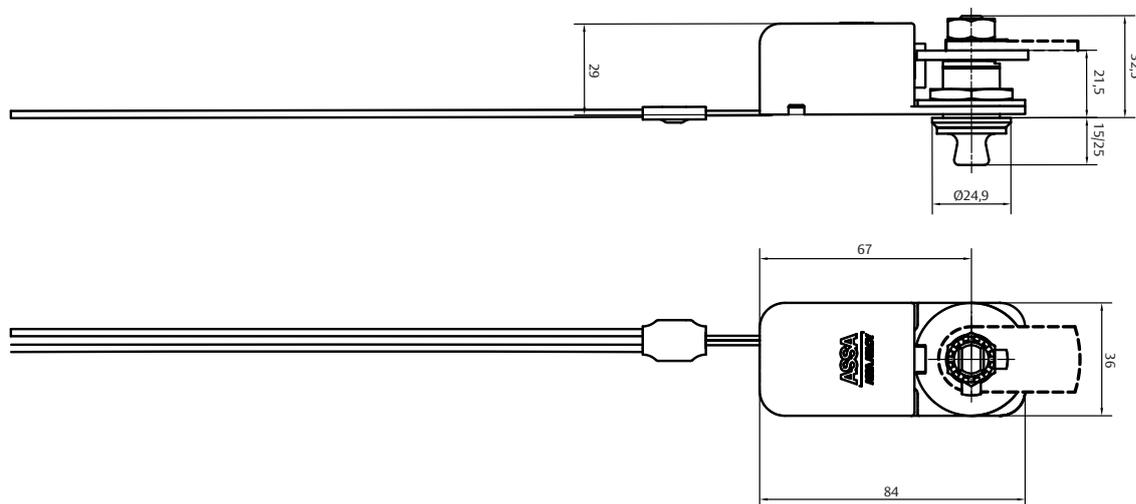
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### Dimension (mm)



### Data

- Standard model: Current/Voltage: 24 V DC  $\pm$  10%, 90 mA
- Special model: Current/Voltage: 12 V DC  $\pm$  10%, 175 mA

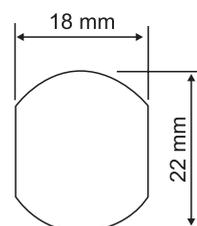
### Environmental requirements

- Solenoid: Temp. -20°C to +40°C
- No environments exposed to moisture

### Other

- Housing: Plastic/Steel
- Turn: Nickel plated brass
- Catch: See datasheet "Catches"

### Hole preparation



### Article numbers for locks used with door thickness up to 7 mm.

- EML110 24 V Right: EML110110084
- EML110 24 V Left: EML110120084
- EML110 12 V Right: EML110130084
- EML110 12 V Left: EML110140084

### Article number for locks used with door thickness 7-17 mm

- EML110 24V Right: EML110210084
- EML110 24V Left: EML110220084
- EML110 12V Right: EML110230084
- EML110 12V Left: EML110240084

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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