

ADL-2

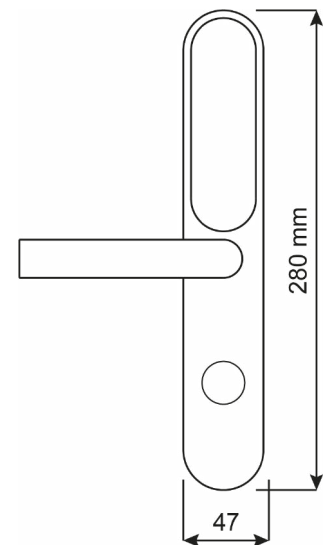
Electronic lock

roger

ASSA ABLOY

Data sheet

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The ADL-2 electronic lock consists of two metal escutcheons with integrated handles. The outer escutcheon has a built-in reader with a keypad, which allows electronic access control. Access requires entering a PIN code, reading a proximity card, or using a mobile app. Access codes can be generated remotely from the Roger PIN Generator mobile app or programmed into the lock's internal memory during configuration. For remotely generated codes, it is possible to set their validity period. The lock is operated by the Roger MDM mobile application, which, in

addition to configuring the device, makes it possible to read events log from the reader's memory and program proximity access cards. It can be fitted to most doors while retaining the existing internal mortise lock and cylinder. The locks cylinder can be used for mechanical door locking or emergency door opening. The range of applications for the ADL-2 lock is very wide, thanks to the remote access code generation function, the lock is perfect for use in apartments for short-term rental.

Features

- generation of remote PIN codes from the Roger PIN Generator mobile app
- e-mail notification of new code creation
- validity period for remotely generated codes
- enables access via PIN, proximity card, or mobile app
- enables programming up to 20 access codes into the lock's memory
- one-time use and other special codes (e.g., service code)
- event log
- Office Mode (door temporary open)
- list of forbidden codes (Blacklist)
- mechanical door locking and emergency opening with a traditional key

Versions	
Item	Description
ADL-2-R	Electronic lock; access via PIN, proximity card, or mobile app; access codes generated remotely or stored in lock memory; powered by 4 AAA batteries; left-hand door opening inwards or right-hand door opening outwards
ADL-2-L	Electronic lock; access via PIN, proximity card, or mobile app; access codes generated remotely or stored in lock memory; powered by 4 AAA batteries; right-hand door opening inwards or left-hand door opening outwards

Technical data	
Parameter	Description
Built-in card reader	ISO/IEC 14443A MIFARE® DESFire® EV3 card reader
Supported cards	MFC-8 (Roger)
Proximity reader reading range	Up to 15 mm with the MFC-8 card optimally positioned relative to the reader's front surface. Note: In the presence of electrical interference, the reading range of proximity cards may be significantly reduced and, in extreme cases, may even be blocked.
Bluetooth communication range	Nominally, in order to configure the lock using the mobile application or mobile identification, the mobile device should get closer to the lock than 0.5 m. However, it should be noted that in favorable conditions (e.g., in an open space), communication between the mobile device and the lock may take place at a much greater distance (even over 10 m), which creates a risk that the user will unintentionally communicate with another lock installed near the intentional lock. Note: In the presence of electrical interference, the operating range of BLE may be significantly reduced and, in extreme cases, may even be blocked.
Power supply	4 x AAA (LR03) alkaline batteries
Battery lifetime	Typical operation time with 10 opening cycles per day – 19 months; 20 opening cycles per day – 17 months; 40 opening cycles per day – 14 months; 80 opening cycles per day – 10 months; 160 opening cycles per day – 6 months Note: Battery lifetime is specified for Energizer Industrial LR03 alkaline batteries with 1200 mAh capacity and may vary depending on the specific type of battery and the way the lock is used.
Housing material	Brushed stainless steel
Dimensions of escutcheon (H×W×D)	External without handle: 280×46×27 mm Internal without handle: 280×46×20 mm
Installing the lock	2 screws M5×50 mm
Dimensions	Escutcheon: 47×280 mm; handle spacing: 72 mm; mortise spindle: 8 mm; angle of the handle: 60°
Door thickness	38 – 75 mm
Impact resistance	IK07
Environmental class according to EN 50133-1	Indoor general conditions; relative humidity: 10 ... 75% (no condensation); temperature: +5°C ... +40°C
Weight	~1.1 kg
Certificates	CE, RoHS
Manufacturer warranty	24 months

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