

## Access controller SMK-AC-2

Electronic lock and motor controller that enables to control every electronic lock (solenoid, motor), garage door or gate system.

Connect every access point with SMK-AC-2 to Smart MasterKey cloud-based access control system.

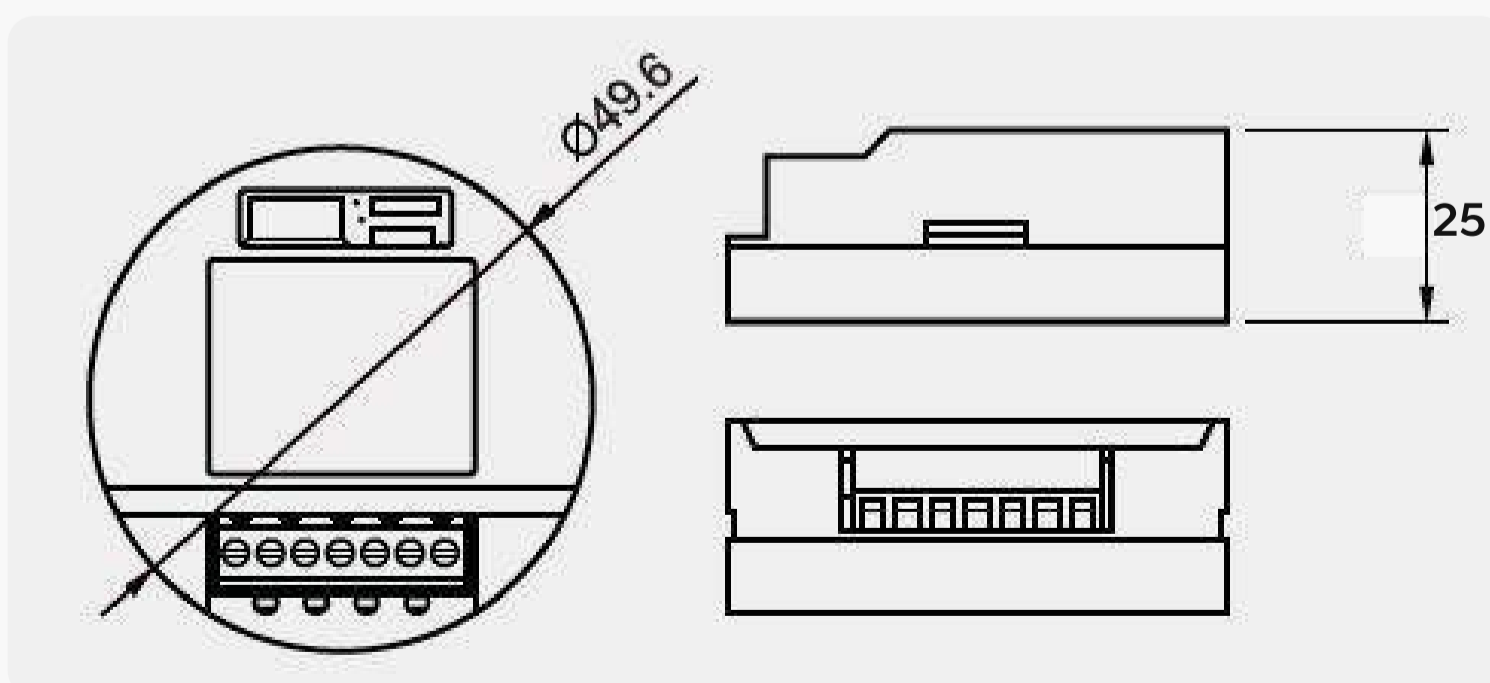


## Features

- **Control every access point.** Install SMK-AC-2 controller to your every access point and connect all your doors under Smart MasterKey cloud-based access control system. Create, share, revoke, and monitor in real-time accesses on mobile or web interface.
- **A manufacturer-independent solution.** The SMK-AC-2 controller can be installed for any manufacturer's electric lock, garage door or gate system. You will also retain the ability to use physical keys or existing garage remote controls and access microchips. Installation of the module is easy. If necessary, contact a company specializing in door locks for advice.
- **Online and Offline operation.** The SMK-AC-2 controller works with BLE (Bluetooth Low Energy) standard and does not require an Internet connection to open the lock as long as the user is logged in to the Smart MasterKey app.
- **Remote opening option.** By connecting the SMK-AC-2 controller to Wi-Fi, you get the opportunity to open your doors even when your lock is not nearby - you can open it while enjoying a trip abroad.
- **Web link to a mobile number.** The lock owner or admin can share the mobile access to a user as a web link, which makes it especially convenient for the user, because the mobile app does not need to be installed.
- **Possible to use a PIN-code or an RFID card.** The Smart MasterKey SMK-AC-2 controller can be connected to one Wiegand type card reader with a PIN pad. That way, in addition to a digital key, your lock can be opened with a PIN code or an RFID card.

## Technical specification

<b>Power supply</b>	12 VDC
<b>Relays (quantity and type)</b>	1x non-latching, maximum load 10 A, 240VAC or maximum load 10 A, 12VDC
<b>Radio protocols &amp; network</b>	Wi-Fi 802.11 b/g/n (2,4 GHz) Bluetooth v4.2 BR/EDR and BLE External WiFi/BT antenna (optional accessory)
<b>Additional connectivity</b>	1x Wiegand reader or 2x analogue inputs for hardware switch / PIRsensor / Hall-effect sensor 1x open collector output Supports 4bit and 6bit Wiegand pin codes. Supports 26bit, 32bit, 34bit, and 37bit card reader settings.
<b>Physical connectors</b>	Relay in / out, power, input switch 7 - gang terminal for cables up to 1 mm <sup>2</sup>
<b>IP rating</b>	IP41
<b>Power consumption</b>	Normal operation 50 mA Maximum 200 mA
<b>Operating temperature</b>	-40°C to 75°C
<b>Weight</b>	40g



### Physical properties

Dimensions:

∅ = 49.6mm, h=25.0mm

Weight: 40g

Working temp.: -40 kuni 75 °C

**Note:** The module requires a 12 VDC power supply with a nominal power of at least 3W.