

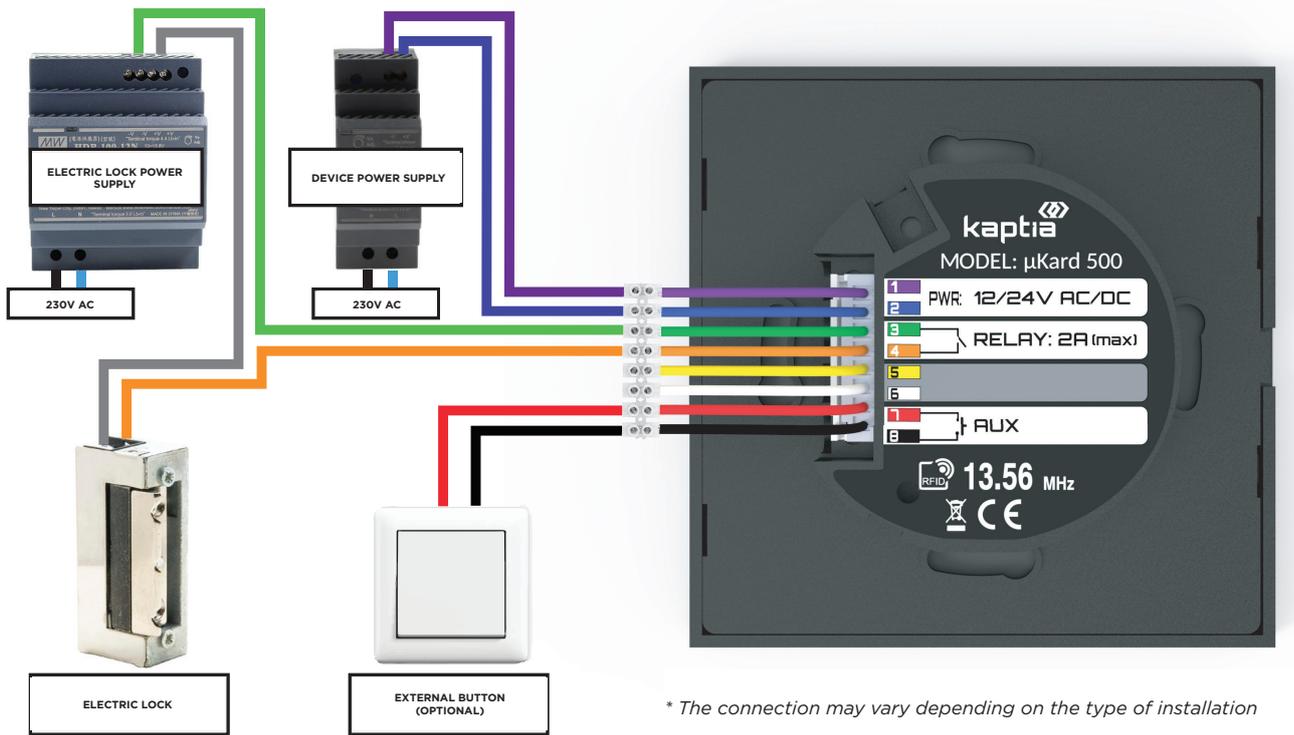
μKard

Quick user guide



09/2024

Connection example:



Assembly instructions:

1 - VIOLET	- Power supply 12/24V AC/DC
2 - BLUE	- Power supply 12/24V AC/DC
3 - GREEN	- Relay contact
4 - ORANGE	- Relay contact
5 - YELLOW	- Do not connect
6 - WHITE	- Do not connect
7 - RED	- Pushbutton contact (voltage-free pushbutton only)
8 - BLACK	- Pushbutton contact (voltage-free pushbutton only)

NOTES:

- 1- The relay contact is normally open (NO)
- 2- The auxiliary contact can be used to activate the electric lock through an external button

Configuration

The reader must be configured using the uKard device programmer. To do this, the programmer will be connected to a PC using a micro USB cable. The other end should be connected to the uKard reader socket.

User management tasks and card/tag programming are performed through the Key application. You must follow the steps indicated by it.



Operation

1. Power the device.
2. A short self-diagnosis cycle will be performed. When finished, all the LEDs will turn off and then the central icon will gradually light up.
3. Bring a tag or card (programmed for that installation) closer to the front of the device. The LED should illuminate green and the relay will activate.

NOTE:

If the device does not follow the cycle described above, you will need to verify that it is configured correctly.

Cards and tags

This device accepts Mifare cards and tags previously encoded by Kaptia.



Technical characteristics

Power	12/24V AC/DC
Consumption	<50mA
[fuzzy]Frequency:	13.56MHz - ISO 14443A
Relay Contact (Maximum Values)	220VDC / 250VAC - 2A
Compatible with	Kaptia Key
Updatable	Yes
Dimensions	86x86x37mm