Kard

Quick user guide

09/2024

CONNECTIONS:

RECEIVER POWER SUPPLY

ELECTRIC LOCK POWER SUPPLY

RECEIVER

ELECTRIC LOCK

CARD READER

DATA CABLE

ASSEMBLY INSTRUCTIONS:
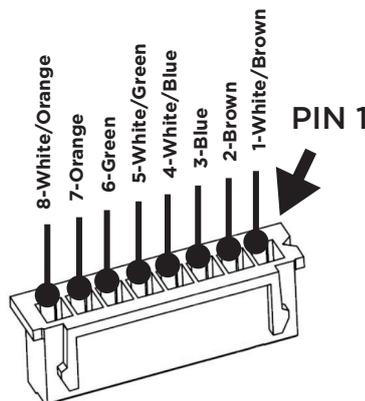
Contact Relay

12V DC power

data connector

PIN 1

Note: The data cable connects the receiver with the reader
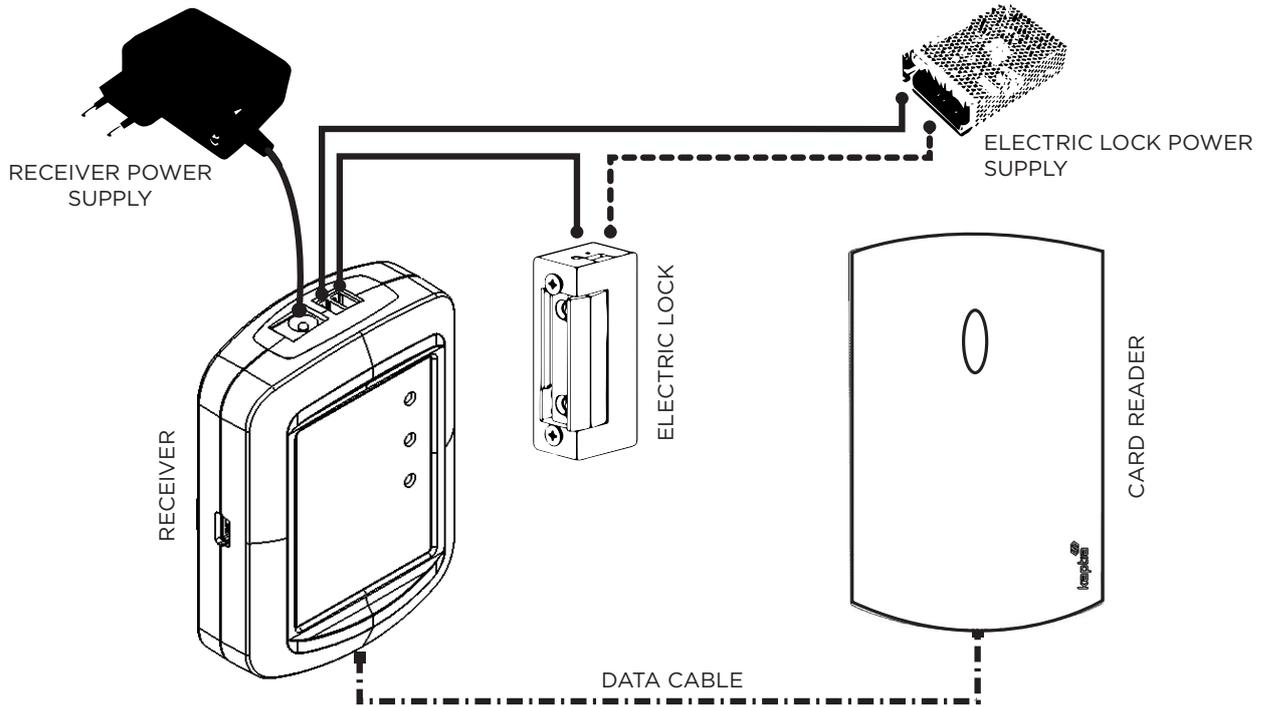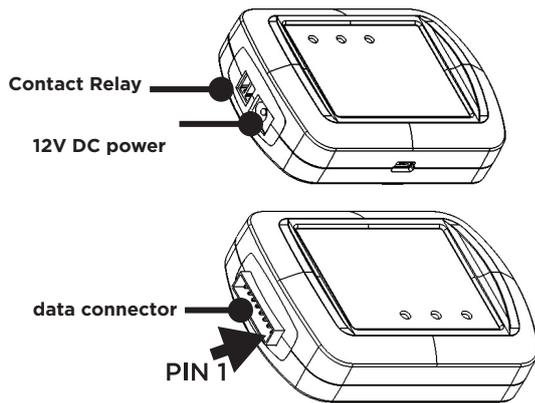
Recommended cable: UTP CAT5E twisted pair

8-White/Orange
7-Orange
6-Green
5-White/Green
4-White/Blue
3-Blue
2-Brown
1-White/Brown

PIN 1

wire

insulating
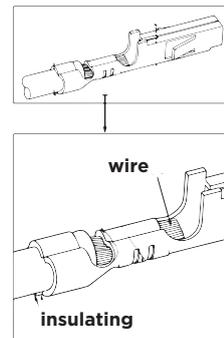
1- Strip the cable and crimp it as shown in the figure above.
2- Insert the terminal into the connector following the correct order

Verifications

1 - When powering the receiver, a self-diagnosis cycle is performed. The "status" LED will remain on for a short period of time and then turn off. If the LED flashes during power-on, it means that the receiver is not correctly programmed or that it has detected some anomaly. Retry the operation and if the problem continues, contact Kaptia.

2 - When you connect the reader and, once the system is powered, it will make a beep and the LED will start flashing. If the communication between the reader and the receiver is correct, the reader's LED will flash blue. If communication has not been possible, the LED will flash red until communication is re-established. If this does not occur, it means that there is a problem with the data cable, either due to a poor connection or an error in the cable's color code.

Facilities management

User management tasks and card/tag programming are performed through the Key application.

Cards and tags

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

Technical characteristics

Power:	12V DC
Consumption:	<200mA (both devices)
Frequency:	13.56MHz - ISO 14443A
Relay Contact (Maximum Values):	220VDC / 250VAC - 2A
Compatible with:	Key
Updatable:	No
Dimensions:	Receiver (79x60x25) Reader (118x77x22)