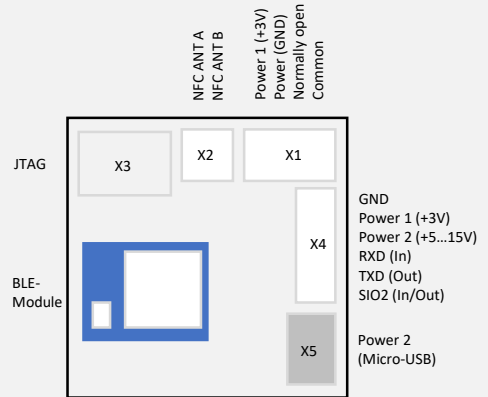



**A**

### Connect KleverKey DevKit

The DevKit serves the KleverKey partner as first integration into his own products. For such an integration, the potential-free relay exit or an (optionally) serial interface may be used.

- Power/Output (X1, JST S4B-PH): Voltage supply power 1 (+3V) and pot-free relay output (C/NO)
- NFC antenna (X2, JST S2B-PH): optional connection for NFC antenna
- Programmable port (X3): Update of the KleverKey OS over JTAG
- AUX-Port (X4, Molex PicoBlade): Optional serial interface (UART, 115200-8-N-1), Voltage supply power 1/2 and digital I/O SIO2
- Power (X5, Micro-USB Plug): Voltage supply USB


**B**

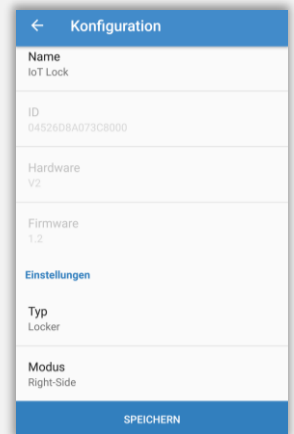
### Commissioning

After providing power to the DevKit, various properties can be configured with the KleverKey App (Service mode):

- Switching time
- Switching mode («on-off» / «on», «off»)
- Additional options

Please contact us for a certification as KleverKey Specialist and access to the ServiceMode :

✉ [partnership@swissprime.tech](mailto:partnership@swissprime.tech)



### General Instructions

#### Intended Use

Usage of the controller is only intended with a Smartphone and App by means of Bluetooth or NFC (optionally). You can find an overview of compatible devices here: <https://www.kleverkey.com/de/compatibility>. The function of the Controller by means of NFC (optional) is only guaranteed when the external NFC-antenna is mounted on non-metallic surfaces (e.g. wood or plastic). The reading distance is depending on Smartphone (up to 5cm). The reading distance of Bluetooth is depending on the environment and Smartphone (up to 5m).

#### Improper Use

Usage of Controller in explosive environment. Usage of Controller outside the specified ranges. For damage resulting from incorrect use the customer bears sole responsibility, the manufacturer accepts no liability whatsoever.

#### Conversions or modifications

Any type of modification to the Controller is not permitted. The electromagnetic conduct of the Controller may be impaired by additions or modifications of any kind. Therefore do not carry out any modifications or additions to electric/electronic components. The use of replacement parts from third-party manufacturers may lead to dangers. Use only original parts or parts approved by the manufacturer.

#### Obligation of the user

The user undertakes only to allow persons to work with the Controller who:

- have been instructed in working with the Controller
- have read and understood this guide

#### Operation Manual

You can use the Controller to switch on/off any electric apparatus. You can get access to the controller by using a compatible smartphone and digital keys. The digital keys can be shared by an administrator (owner) to other users over-the-air. To share permissions you may need a KleverKey Cloud subscription with annual fees.

#### Terms of Service, Privacy Policy

With installation of the KleverKey App you agree with the Terms of Service and Privacy Policy:

- Terms of Service: <https://www.kleverkey.com/de/about-us/terms-of-service>
- Privacy Policy: <https://www.kleverkey.com/de/about-us/privacy-policy>

### Technical Specifications

Description	Value
<b>Outputs</b>	
Potential-free Contact	220VDC/250VAC, 2A
UART-Interface (Option)	115200/8-N-1
<b>Power Supply</b>	
Voltage Supply	Micro USB oder 5 – 15 VDC
Current Consumption	Standby: < 1mA Aktivität: < 70mA
<b>Frequency Band</b>	
Bluetooth	2.4GHz (ISM-Band)
NFC (Option)	13.56 MHz
<b>Environmental Conditions</b>	
Operating Temperature	0 ... + 50 °C
Relative Humidity (Operation)	20 ... 75% (noncondensing)
Dimensions	29 x 29mm (L x B)