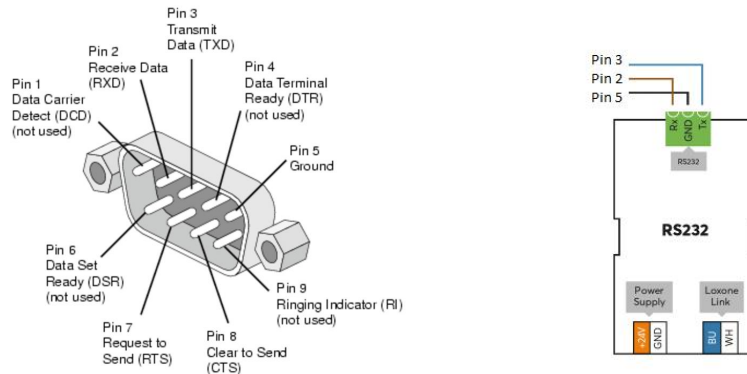# KinCony KC868-HxB relay module integration with Loxone RS232 extension

Physical connection:

Connect the KinCony relay module serial port to Loxone RS232 extension's

RS232 Module configuration:

- Select the RS232 Extension in the Periphery window
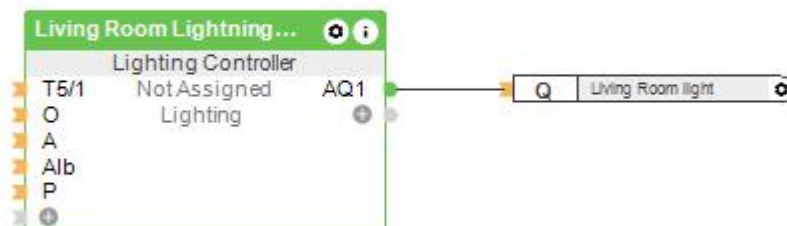- Set the Baud Rate to 115200

Adding the relay outputs:

1. In the RS232 Extension ribbon group click on the Add actuator button:

2. Set the properties of the actuator
- It is recommended to set the name of the actuator, for example: „Living Room light"
- Put the following to the Command for ON:
  - RELAY-SET-255,N,1, where N is the number of the current output, so for example: RELAY-SET-255,1,1
- Put the following to the Command for OFF:
  - RELAY-SET-255,N,0, where N is the number of the current output, so for example: RELAY-SET-255,1,0

3. Repeat steps 1-2 for each output relay. (8/16/32 times for H8B/H16B/H32B)

4. The output configuration is ready, you can use it your configuration:

Adding inputs:

1. In the RS232 Extension ribbon group click on the Add actuator button:

2. Set the properties of the actuator
- It is recommended to set the name of the sensor, for example: „Living Room switch"
- Put the following to the Command Recognition:
  - RELAY-\1\2ARM-N,OK, where N is the number of the current input, so for example: RELAY-\1\2ARM-1,OK
- Put the following to the Correction/Input Value 1:

     o 18756
- Put the following to the Correction/Input Value 2:
     o 19521

Explanation:

18756 = 0x4944 (hex), which are the ASCII code of the D and I characters of DIARM

19521 = 0x4C41 (hex), which are the ASCII code of the A and L characters of ALARM

So 18756 will be corrected to 0, 19521 will be corrected to 100

Property	Value
General	
Name	Test switch
Description	
Hint Text	Edit...
Connection	06D811E1.I0
Statistics	
Category	Lighting
Room	Living Room
Object Type	RS232 Sensor
User Interface	
Use	
Rating	☆ ☆ ☆ ☆ ☆ ☆ ☆ ☆ ☆
Permissions	
Authorized users / groups	Edit...
Settings	
Command recognition	RELAY-\1\2ARM-1,OK
Use as digital input	
Display Error Output	
Signed values	
Correction	
Input Value 1	18756
Target Value 1	0
Input Value 2	19521
Target Value 2	100

3. Repeat steps 1-2 for each output inputs.

4. The input configuration is ready, you can use it your configuration: