

# **E-Lock**

## **USER MANUAL**

Translation of the original instructions

Version: **1.0**

Date: **12/05/2023**

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VERSION	DATE	CHANGES
1.0	12/05/2023	-


Any information inside this manual can be changed without advice.


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[www.eelectron.com](http://www.eelectron.com)

**Exclusion of liability:**

Despite checking that the contents of this document match the hardware and software, deviations cannot be completely excluded. We therefore cannot accept any liability for this.

Any necessary corrections will be incorporated into newer versions of this manual.

Symbol for relevant information 

Symbol for warning 



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## 1. E-Lock Function

Communication objects involved:

"<E-Lock x> Door Contact"	1 Bit	CRT
"<E-Lock x> Guest - Door Contact"	1 Bit	CRT
"<E-Lock x> Service - Door Contact"	1 Bit	CRT
"<E-Lock x> Enable"	1 Bit	CW
"<E-Lock x> Deadbolt Contact"	1 Bit	CRT

The E-Lock function allows the detection of door opening/closing data and the management of a KNX automated room.

### General

KNX PARAMETER	SETTINGS
<b>E-Lock - canale in ascolto</b>	11 ... 26
Defines the Zigbee channel (associated with the locks), detected by the E-Lock interface.	

### E-Lock x

KNX PARAMETER	SETTINGS
<b>E-Lock function</b>	disabled / enabled
With this parameter it is possible to enable the 1 bit object "<E-Lock x> Enable".	
<b>Door name</b>	
Identifies the name of the door to manage.	
<b>Door number</b>	0 ... 1048745
Defines the number associated with the lock to manage.	
<b>Enable state after download</b>	disabled / enabled
Sets whether to enable the E-Lock function after downloading the application.	
<b>Enable activation telegram</b>	telegram "0" / telegram "1"
Defines which 1-bit telegram value activates the E-Lock function.	

### DOOR CONTACT

KNX PARAMETER	SETTINGS
<b>Value to send on opening event</b>	nothing off on
Defines the value sent to the "<E-Lock x> Door Contact" object when the door is opened.	
<b>Value to send on closing event</b>	nothing off on
Defines the value sent to the "<E-Lock x> Door Contact" object when the door is closed.	
<b>Time to consider door closed after opening [min] (0=never)</b>	0 ... 255
Defines the maximum time between the door opening and door closing event, after which the door closing message is sent	
<b>Considera l'evento di paertura</b>	no / yes
By enabling this parameter, it is possible to receive a door opening message associated with the closing event.	

### DEADBOLT FUNCTION

KNX PARAMETER	SETTINGS
<b>Deadbolt function</b>	disabled / enabled
With this parameter it is possible to enable the 1 bit object "<E-Lock x> Deadbolt Contact".	
<b>Value to send for deadbolt thrown</b>	nothing off on
Defines the value to be associated with the door close command.	
<b>Value to send for deadbolt released</b>	nothing off on
Defines the value sent to the "<E-Lock x> Deadbolt Contact" object when the deadbolt is opened.	
<b>Guest - value to send on opening event</b>	off / on
Defines the value sent to the "<E-Lock x> Guest - Door Contact" object when the door is opened.	
<b>Service - value to send on opening event</b>	off / on
Defines the value sent to the "<E-Lock x> Service - Door Contact" object when the door is opened.	