eelectron

Surveillance

USER MANUAL

Translation of the original instructions

Version: **1.0**

Date: **17/04/2023**

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VERSION	DATE	CHANGES
1.1	17/04/2023	-

Any information inside this manual can be changed without advice.

This handbook can be download freely from the website:
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. Surveillance

Each surveillance block can be configured to perform one of the following functions available in the drop-down menu on the corresponding page:
- disabled;
- alarm only;
- alive only;
- alarm + alive;
- alarm + warning;
- alive + warning;
- alarm + alive + warning;

The setting is performed separately for each surveillance mode from the ETS "Surveillance" page, by clicking on the corresponding name.

Alarm only

Communication objects involved:

"<Surveillance x> Offline Alarm"	1 Bit	CRT

KNX PARAMETER	SETTINGS
Surveillance name	
This parameter defines the name of the module; the name can be used to rapidly identify the functionality.	
Physical address device	0 ... 255
This paremeter defines the physical address of the device (e.g. 10.13.99 --> 99).	
Alarm telegram	off/on
This parameter defines the value of the alarm object "<Surveillance xx> Offline Alarm".	
Alarm repetitions	none 1 ... 7
This parameter defines the number of repetiotions of the object "<Surveillance xx> Offline Alarm".	

Alive only

Communication objects involved:

"<Surveillance x> Alive Status"	1 Bit	CRT

KNX PARAMETER	SETTINGS
Surveillance name	
This parameter defines the name of the module; the name can be used to rapidly identify the functionality.	
Physical address device	0 ... 255
This paremeter defines the physical address of the device (e.g. 10.13.99 --> 99).	
Alive telegram (heartbeat)	off on toggle
This parameter defines the value of the alive object "<Surveillance xx> Alive Status".	
Alive rate limit (heartbeat)	30 s 1 ... 10 min 15, 20, 25, 30 min

This parameter defines the time that passes between two repetitions of the object "<Surveillance xx> Alive Status".

Alarm + alive

The communication objects and the ETS parameters are the same as the "Alarm" and "Alive" functions.

Alarm + warning

Communication objects involved:

"<Surveillance x> Offline Alarm"	1 Bit	CRT
"<Surveillance x> Warning Read Request"	1 Bit	CT

The ETS parameters are the same as the "Alarm" to which is added:

KNX PARAMETER	SETTINGS
Warning telegram	1 bit 1 byte (signed, unsigned) 2 bytes (signed, unsigned, float) 4 bytes (signed, unsigned, float)
This parameter defines the DPT of the warning object. The telegram can be: • 1 bit • 1 byte (signed, unsigned) • 2 bytes (signed, unsigned, float) • 4 bytes (signed, unsigned, float)	

Alive + warning

The communication objects and the ETS parameters are the same as the "Alive" and "Warning" functions.

Alarm + alive + warning

The communication objects and the ETS parameters are the same as the "Alarm","Alive" and "Warning" functions.