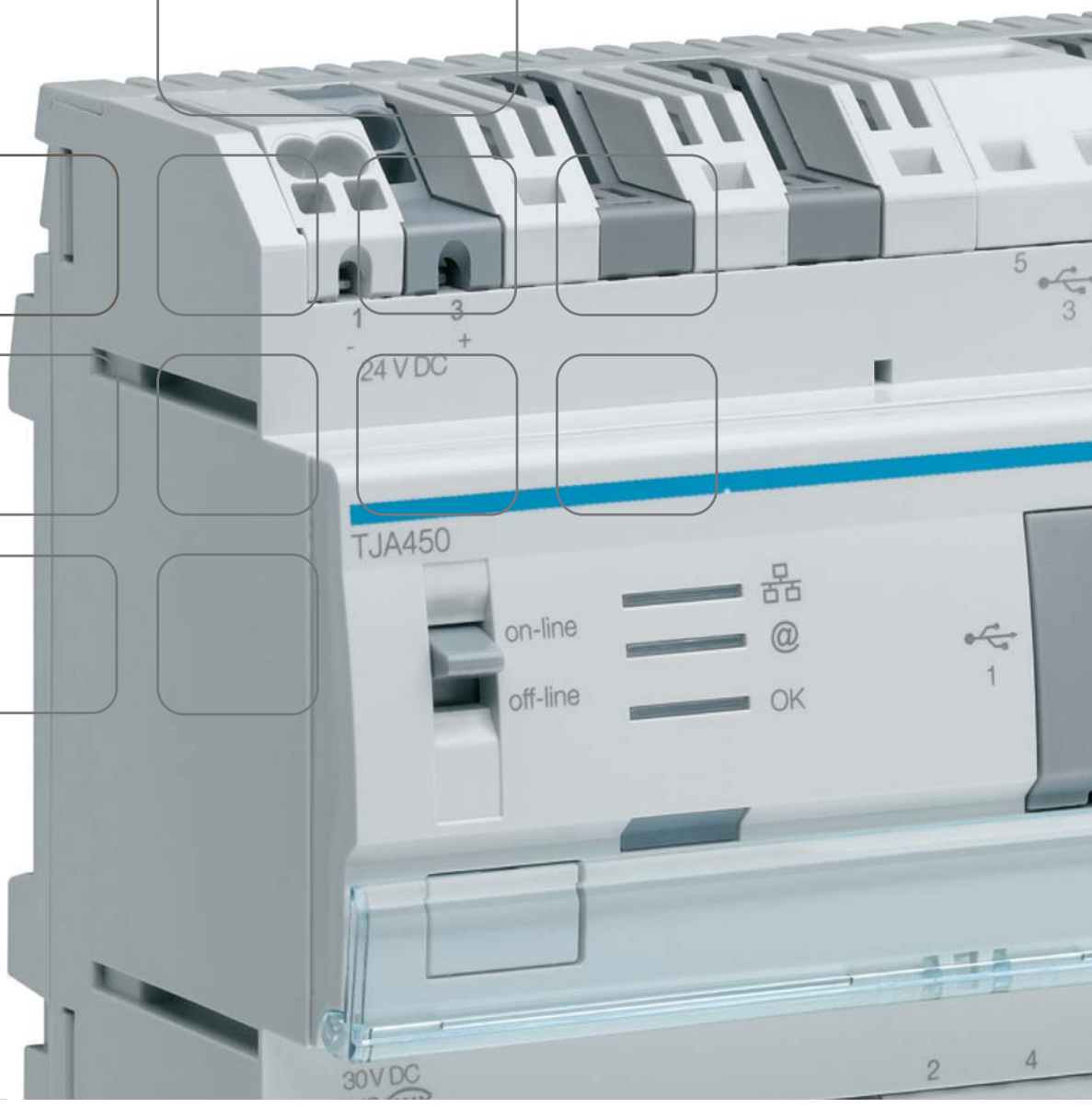
hager

domovea

Alarm



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1. INTRODUCTION

The domovea security function responds to the increasing desire for secure residences.

Although both a prevention and deterrent device, an alarm is first and foremost a means of increasing comfort and peace of mind.

Main features:

- Protection against theft and break-ins
- Protected, even when you're at home.
- Fire Alarm
- Domestic risks
- Remote alerts and surveillance

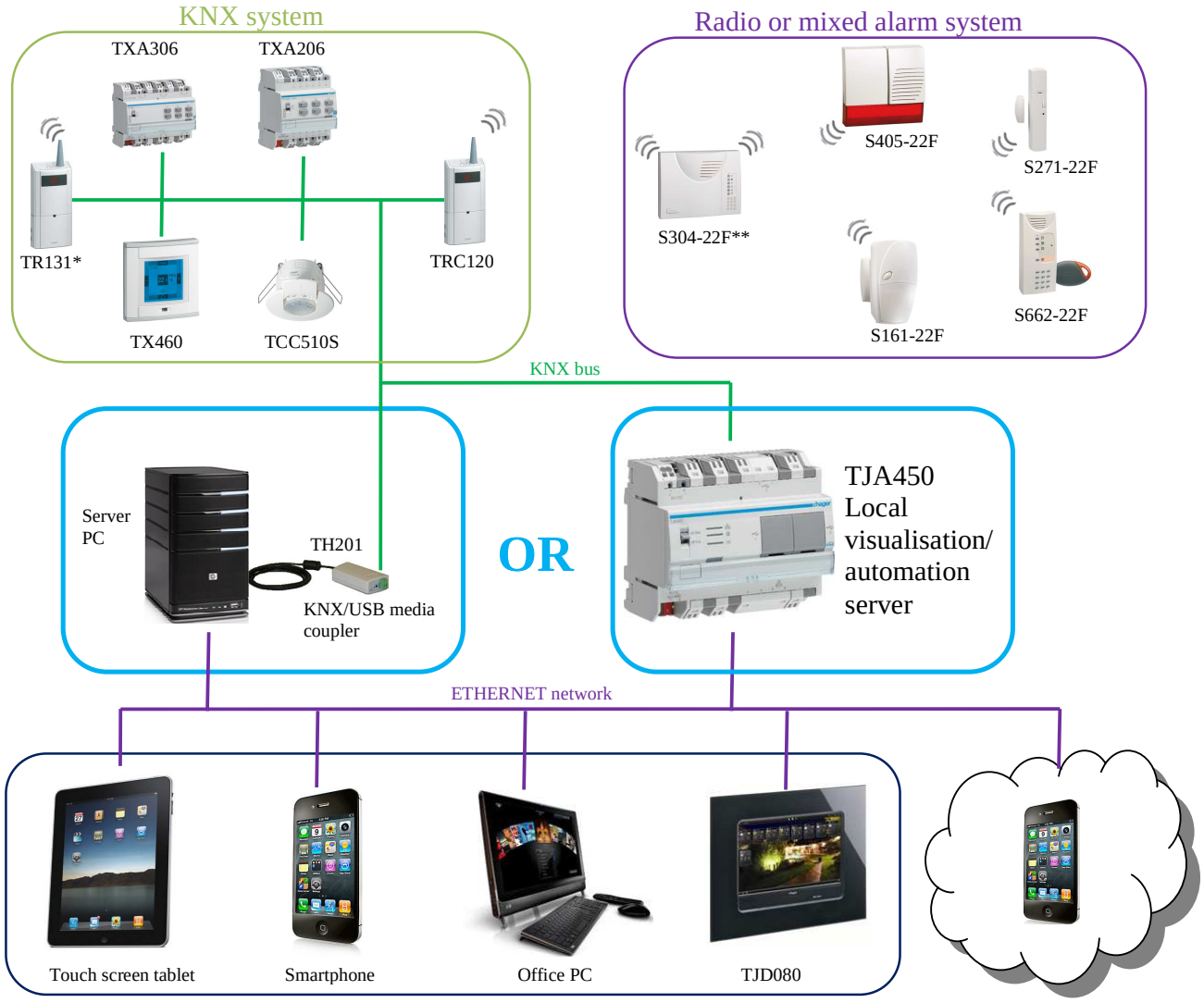
1.1 SCOPE OF DOCUMENT

The descriptions provided in this manual are intended to familiarise the installer with the security function of the domovea system.

The procedures described in this manual are intended to assist the installer during configuration and display of the security functions of a domovea installation.

2. ARCHITECTURE

The diagram below summarises the overall architecture of the security function of the domovea system:



The KNX bus and the alarm system are linked via the TRC120 radio interface.

3. CONFIGURATION OF THE SECURITY FUNCTIONS

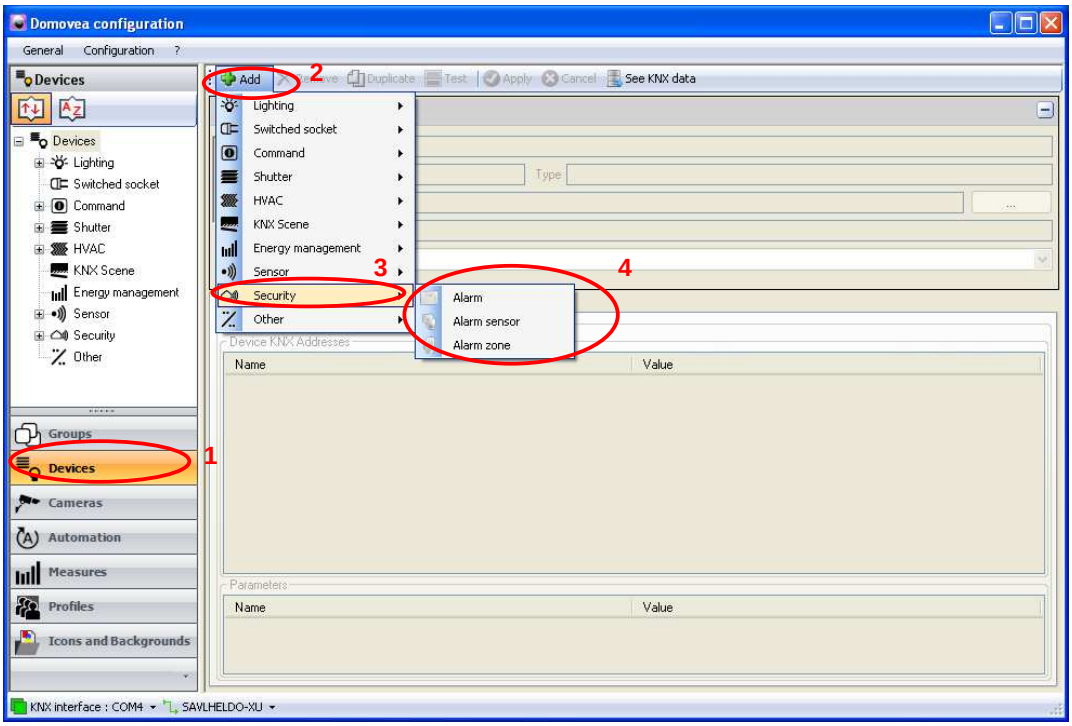
Three "Security" devices are available in the domovea configurator:

- **Alarm sensor**: Device which displays the status of the alarm sensor (former device)
- **Alarm**: Device for control and display of the operations of an alarm system.
- **Alarm zone**: Device for arming and disarming an alarm zone.

3.1 CHOICE OF SECURITY FUNCTIONS

To add a visualisation of security devices:

- Click on **Devices** (1) in the tabs list,
- Click on **Add** (2) in the menu bar, then on **Security** (3) and finally on the type of device desired (4).



4. ALARM FUNCTIONS ON THE DASHBOARD

The alarm screen is composed of 4 areas:

- An alarm shortcut (5) gives access to the various security devices.
- An alarm frame (6) gives access to the alarm system for arming and disarming.
- A tag area (7) indicates the last event which occurred.
- A notifications frame (8) indicates the number of events which have not been cancelled and allows access to the detailed event view.

5. SECURITY DEVICES

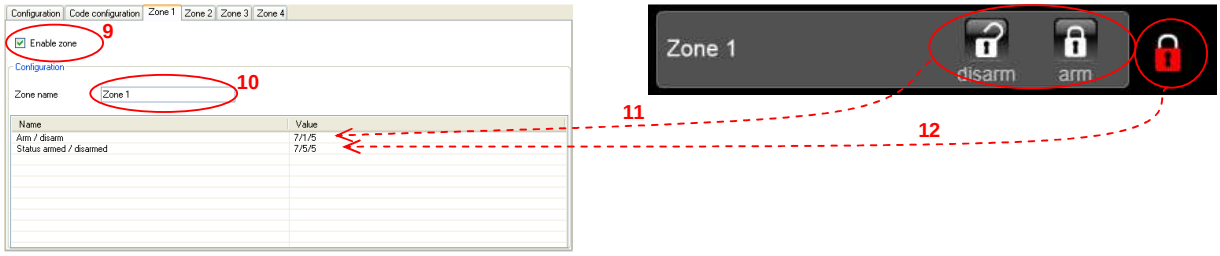
5.1 ALARM

This device is used to control and display the operations of an alarm system. The link is provided by a radio interface for data exchange.

5.1.1 CONFIGURING THE ZONES

This device has a maximum of 4 alarm zones corresponding to the groups of the alarm system.
Proceed as follows for all the zones concerned:

- Check the option **Enable zone** (9) to configure the group,
- Enter the name of the zone (10),
- Enter the address of the group for arming or disarming the zone (11),
- Enter the address of the group for the armed/disarmed status of the zone (12).



KNX Object:

Name under domovea	KNX name	Function of object	Length
Arm/disarm	Arming/Disarming alarm group 1 ….4	ON / OFF	1 bit
Status armed/disarmed	Arming/Disarming alarm group 1 ….4	Status indication	1 bit

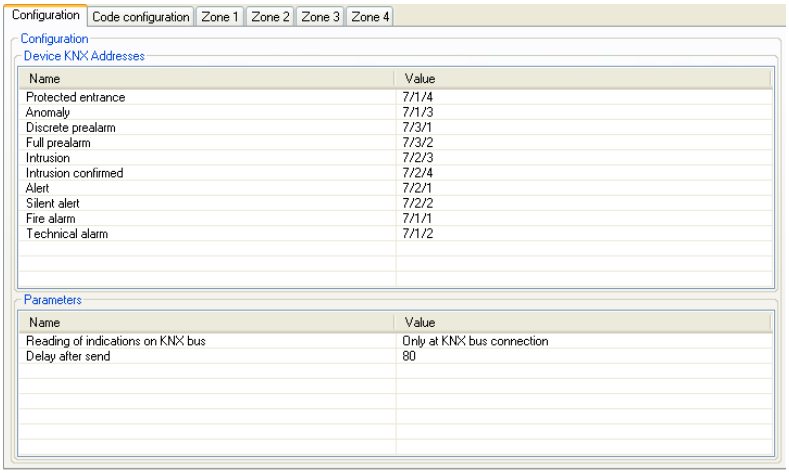
Operation:
Arming and disarming is carried out zone by zone or for the system in general.
Domovea automatically suggests the Arm All and Disarm All commands (13). It uses the addresses of the individual arm and disarm commands of each zone and sends them consecutively to obtain total arming and disarming in agreement with the number of zones declared on the control unit.

The status icon (padlock) (14) turns red when a zone is armed. Field (15) indicates partial operation as soon as one zone is armed or full operation when all the configured zones are armed.

5.1.2 CONFIGURING THE ALARM INPUTS

This device allows detected events to be displayed by the alarm system.

- Enter the address of the group corresponding to each type of event.



Device KNX addresses:

Name	Function
Protected entrance	Management of the status of doors which are still open.
Anomaly	Storing of anomalies in voltage, auto-protection, dropping of the telephone line or radio link.
Discrete prealarm	Alarm level 1 Intruder detection
Full prealarm	Alarm level 2 Intruder progression
Intrusion	Alarm level 3 Intruder detection confirmed
Intrusion confirmed	Prealarm + intrusion or 2 consecutive intrusions
Alert	General triggering of all alarm resources
Silent alert	Triggering of a telephone transmission only.
Fire Alarm	Triggering of a bell, specifically for fire detection.
Technical alarm	Triggering of a local signal and telephone transmission for all domestic detections (flood, freezer breakdown, gas, etc.).

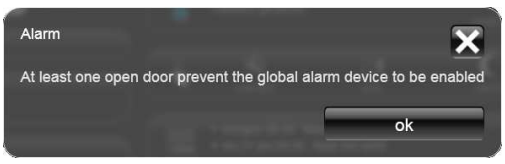
Parameters:

Name	Function	Value
Reading of indications on KNX bus:	Used to define the periodicity of status readings over the KNX bus.	Only at KNX bus connection, every minutes (caution, bus may overload) 2 minutes (caution, bus may overload) 3 min, 5 min, 10 min, 15 min, 30 min, 45 min, 1 h, 2 h, 3 h, 5 h, 12 h, One day, Never Default value: Only at KNX bus connection
Delay after send	Used to define the delay after which the objects are sent.	Range [0 to 400 ms] Default value: 80 ms

Operation:

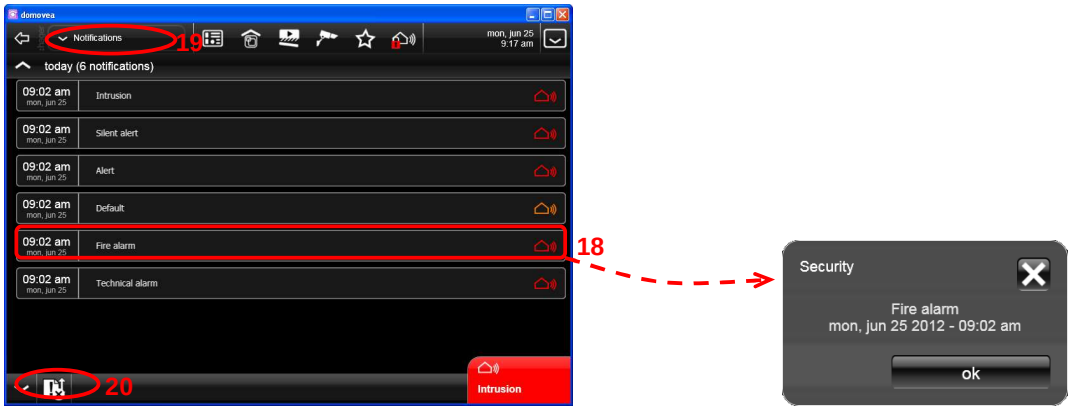
The events are displayed in the notifications list by clicking on the envelope icon (16). Only the 'open door' event (17) is signalled in alarm system view.

During the arming of the alarm, if an "Door/window open " event is detected, the following message will appear indicating the reason for the failure to arm.



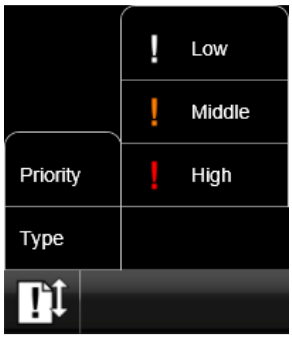
Notifications list: Each event is listed with a time and date. Clicking on an event (18),opens a window which asks for confirmation the event's resolution.

Clicking on the ‘Notifications’ icon (19) deletes all the events in the list.



By clicking on "!" (20), you can sort the events according to:

- Event type:
  - Notifications: information windows
  - Doorphone: events concerning calls from the door
  - Security: events concerning the alarm system.

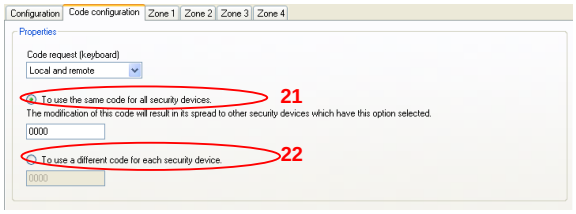


- Priority:
  - Low
  - Middle
  - High

5.1.3 CONFIGURING THE ACCESS CODE

This device allows the arming and disarming of the alarm system to be protected by a four digit code.

- Check the option **To use the same code for all security devices** (21) or **To use a different code for each security device** (22).
- Enter the code number,



Code request (keyboard): Defines how the code can be used to arm or disarm the alarm

- Remote: this code is required when domovea is accessed remotely (Internet)
- Local and remote: this code is required to enable both local and remote commands.

Global code: A unique code for all the security devices of the system. Modification of this code involves modification of the code for all other security devices for which the option is checked.

Device code: Code which is valid only for the device concerned. Modification of this code does not require any other modification on other devices in the system.

Operation:

On arming and disarming the alarm control unit, the input keyboard (23) is displayed.
Enter the code and confirm the command.

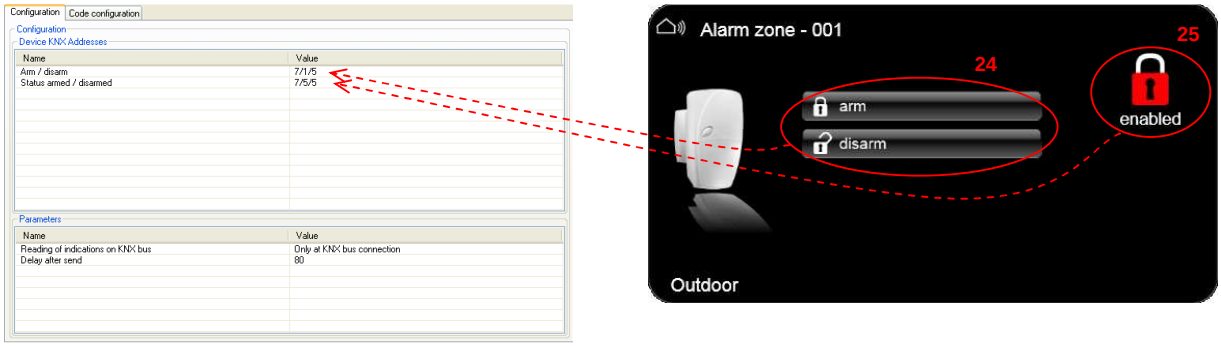
5.2 ALARM ZONE

5.2.1 CONFIGURING THE ZONE

This device is used to arm and disarm an alarm zone corresponding to an alarm system group.

Proceed as follows:

- Enter the address of the group for arming or disarming the zone (24),
- Enter the address of the group for the armed/disarmed status of the zone (25).



KNX Object:

Name under domovea	KNX name	Function of the object	Length
Arm/disarm	Arming/Disarming alarm group 1 ….4	ON / OFF	1 bit
Status armed/disarmed	Arming/Disarming alarm group 1 ….4	Status indication	1 bit

Parameters:

Name	Function	Value
Reading of indications on the KNX bus:	Used to define the periodicity of status readings over the KNX bus.	Only at KNX bus connection, every minutes (caution, bus may overload) 2 minutes (caution, bus may overload) 3 min, 5 min, 10 min, 15 min, 30 min, 45 min, 1 h, 2 h, 3 h, 5 h, 12 h, One day, Never Default value: Only at KNX bus connection
Delay after send	Used to define the delay after which the objects are sent.	Range [0 to 400 ms] Default value: 80 ms

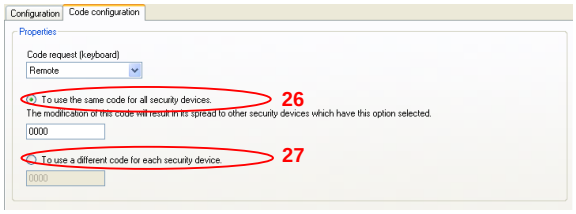
Operation:

Arming/disarming is carried out for the zone. The status icon (padlock) (25) turns red when the zone is armed. The text indicates the function status (**'enabled'** or **'disabled'**).

5.2.2 CONFIGURING THE ACCESS CODE

This device allows the arming and disarming of the alarm system to be protected by a four digit code.

- Check the option **To use the same code for all security devices** (26) or **To use a different code for each security device** (27).
- Enter the code number,



Code request (keyboard): Defines how the code can be used to arm or disarm the alarm

- Remote: this code is required when domovea is accessed remotely (Internet)
- Local and remote: this code is required to enable both local and remote commands.

Global code: A unique code for all the security devices of the system. Modification of this code involves modification of the code for all other security devices for which the option is checked.

Device code: Code which is valid only for the device concerned. Modification of this code does not require any other modification on other devices in the system.

Operation:

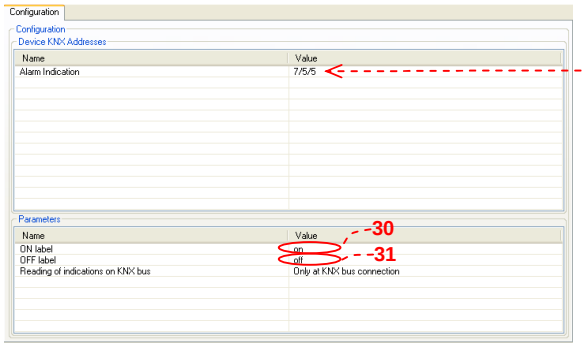
On arming and disarming the zone, the input keypad (28) is displayed.
Enter the code and confirm the command.

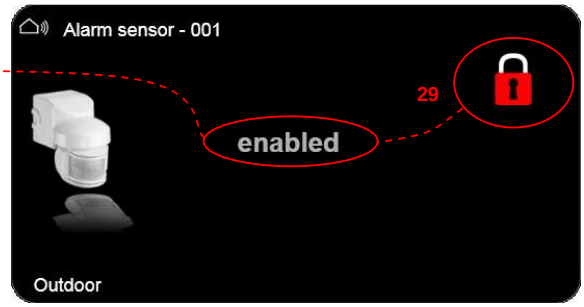
5.3 ALARM SENSOR

This device displays the status of an alarm sensor.

Proceed as follows:

- Enter the address of the group for the alarm sensor status (29),
- Enter the message text for ON (30)
- Enter the message text for OFF (31)





KNX Object:

Name under domovea	KNX name	Function of the object	Length
Alarm indication	Chanel presence	ON / OFF	1 bit

Parameters:

Name	Function	Value
ON label	Allows the text to display when the sensor is armed to be entered	Free text field Default value: on
OFF label	Allows the text to display when the sensor is disarmed to be entered	Free text field Default value: off
Reading of indications on the KNX bus:	Used to define the periodicity of status readings over the KNX bus.	Only at KNX bus connection, every minutes (caution, bus may overload) 2 minutes (caution, bus may overload) 3 min, 5 min, 10 min, 15 min, 30 min, 45 min, 1 h, 2 h, 3 h, 5 h, 12 h, One day, Never Default value: Only at KNX bus connection

Operation:

The status indication (padlock) (29) turns red when the sensor is armed. The text indicates the status of the function.