

Manual: QA Alarm Status

Application for a quick overview of the arming and alarm status.

Introduction

The QA Alarm Status application displays on a single card an overview of the arming status, the alarm status, the zones and the alarm devices, and controls selected devices in the individual states. It also supplements functions missing in the system:

- Generates the status of the entry time, which is missing in the system
- **Armed status** in a global variable
- **Alarm status** including the entry time in a global variable
- If you own a **TextToSpeech** device, the application sends it a notification, which the device converts into a message about a breach or the entry time
- **Output control** in the individual states – switches selected devices on or off on partial arming, arming, alarm and in the safe state, and switches them on during the entry and exit time

The application can be used on its own, using the states of the global variables to set up further custom actions via scenes, or as part of other related SHE applications, e.g. for profile, climate or lighting control.

The application does not interfere with the arming status in any way and does not control it.

Previous and follow-up applications

Previous applications

The application is standalone and does not require any previous QA application.

Follow-up applications

The arming status and the alarm status from the global variables can be used by other SHE applications, e.g.:

- QA Profile Control
- QA Door Lock Control

Installation and initial setup of the QA

Installation

Purchase the application in the Smart Home and Energy e-shop (<https://eshop.smarthomeenergy.cz>). After the purchase you receive an e-mail with a link to the activation form, in which you choose one of the two installation methods:

- **Installation via the SHE Installation Application (recommended)** — the activation form provides a link to download the Installation Application. Install it into the unit; it then automatically downloads and installs the purchased licences. It provides automatic updates of all applications and easy licence management (requires the “superuser” credentials for the unit). See the separate “Installation Application” manual for details.
- **Standalone installation file** — the activation form provides links to download an encrypted *.fqax file bound to the entered unit S/N. Install the file manually into the unit according to the unit manufacturer’s instructions (logged in as “superuser”). This option does not allow automatic updates.

After a successful installation, the **Alarm status**, **Setting Properties** and **Installation** tiles are available on the gateway desktop.

Initial setup — Installation card

Open the **Installation** card and select the zones in the **Selecting alarm zones** section. Open the selection by clicking the line with the number of selected zones (e.g. **1 Selected**) and the arrow:

- **ALARM ZONES** — the alarm zones that the application evaluates
- **ALARM ZONES FULL ARMED** — the zones that must all be armed at the same time for the application to evaluate the status as **Fully armed**

Confirm the settings with the **SAVE** button. The **Run status** line shows the running state of the application; the application version is shown at the end of the card.

QA parameters

The application uses these parameters:

- **ArmedModeName** — name of the global variable with the arming status (default **Mode_Armed**)
- **AlarmModeName** — name of the global variable with the alarm status (default **Mode_Alarm**)

If the follow-up applications or scenes use the variables **Mode_Armed** and **Mode_Alarm**, keep the default names.

Global variables

The application writes the status to global variables, which can be used in scenes or in other SHE applications:

- **Mode_Armed** — arming status: **Armed** (fully armed), **PartlyArmed** (partly armed), **DisArmed** (disarmed)
- **Mode_Alarm** — alarm status: **Safe** (safe), **Entry** (entry time), **Exit** (exit time), **Alarm** (breach)

Opening the application control card

On the gateway desktop, hover the cursor over the **Alarm status** tile and click the eye icon. The card with an overview of the arming status, the zones and the alarm devices is displayed.

 **Warning:** Not all cards and tiles are displayed to all users. Each user selects which cards and tiles are displayed on the Display Settings card (sheViewControl application) – levels SHORT, ADVANCED and ADMIN. If you cannot see a described card, check the settings on this card.

User settings

The **Alarm status** card is for overview only and contains no elements for controlling the arming. Actions in the individual states and notifications are set on the **Setting Properties** card.

"Alarm status" card

The **Alarm status** tile displays the current arming status (e.g. **DISARMED**).

The card displays the summary states:

- **Armed status** — e.g. **DISARMED**
- **Alarm status** — e.g. **SAFE**
- **Armed zones** — number of armed zones
- **Armed devices** — number of armed devices
- **Breached** — Yes / No

Zones overview

Table of the selected alarm zones:

- **Name** — ID and name of the zone
- **Delay to arm** — set arming delay of the zone
- **Delay to alarm** — set alarm delay of the zone after a breach (entry delay)
- **Armed** — Yes / No
- **Alarm** — Yes / No

Devices overview

Table of the alarm devices in the selected zones:

- **Name** — ID and name of the device
- **Breached** — Yes / No
- **Before** — time since the device was last breached

“Setting Properties” card

On this card you set which devices the application switches on or off in the individual arming and alarm states, and the notifications. Select the devices by clicking the line with the number of selected devices (e.g. **0 Selected**) and the arrow. Changes are saved automatically.

Actions on partial arming, arming and alarm

The **Actions on partial arming**, **Actions on arming** and **Actions on alarm** sections have the same options:

- **DEVICE ON** – devices the application switches on in the given state
- **DEVICE OFF** – devices the application switches off in the given state
- **DEVICE OFF WITH DELAY** – devices the application switches off after the set delay
- **Delay** – delay before switching off, set with the --- / -- / - / + / ++ / +++ buttons

Actions on safe

- **DEVICE ON** – devices the application switches on in the safe state
- **DEVICE OFF** – devices the application switches off in the safe state

Actions during entry and exit time

- **Actions during entry time – DEVICE ON:** devices the application switches on during the entry time
- **Actions during exit time – DEVICE ON:** devices the application switches on during the exit time

Notification settings

- **LIST OF NOTIFICATION USERS** – users to whom the application sends notifications
- **PUSH DEVICE TTS** – the **TextToSpeech** device to which the application sends a notification; the device converts it into a message about a breach or the entry time
- **Notification period** – notification repeat interval, set with the -- / - / + / ++ buttons