

CAN group management

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Configuring CAN groups in the Ampio system

What are groups?

Groups in the Ampio system are used to logically connect multiple outputs or devices to allow them to be controlled together. Examples of applications:

- Roller shutters in one room
- Lighting in a corridor
- Heating zones

Each group includes:

- **Group type** - e.g. value, blinds, regulator
- **Group number** - unique within the type
- **Name** - for easy identification
- **Objects** - assigned to the group
- **State Interpreter (leader)** - optional element indicating the state of the group

Where can group management be found?

Globally - in the *CAN* tab.

This method allows you to view and edit all groups configured in a given system without having to access individual devices.


1. Go to the *CAN* tab
2. Open the *GROUPS* tab

You will see a table containing:

- Group number
- Group type
- Name
- Edit and delete options
- Group status visualisation

Per Module - from the detailed view of a specific device.

If you want to configure groups within a single module, you can do so directly from that module.

1. Go to the *Devices* tab.
2. In the list of devices, find the *CAN* module you are interested in.
3. Click the gear icon  next to its name to open its details.
4. In the device details, go to the *Groups* tab,

Adding a new group

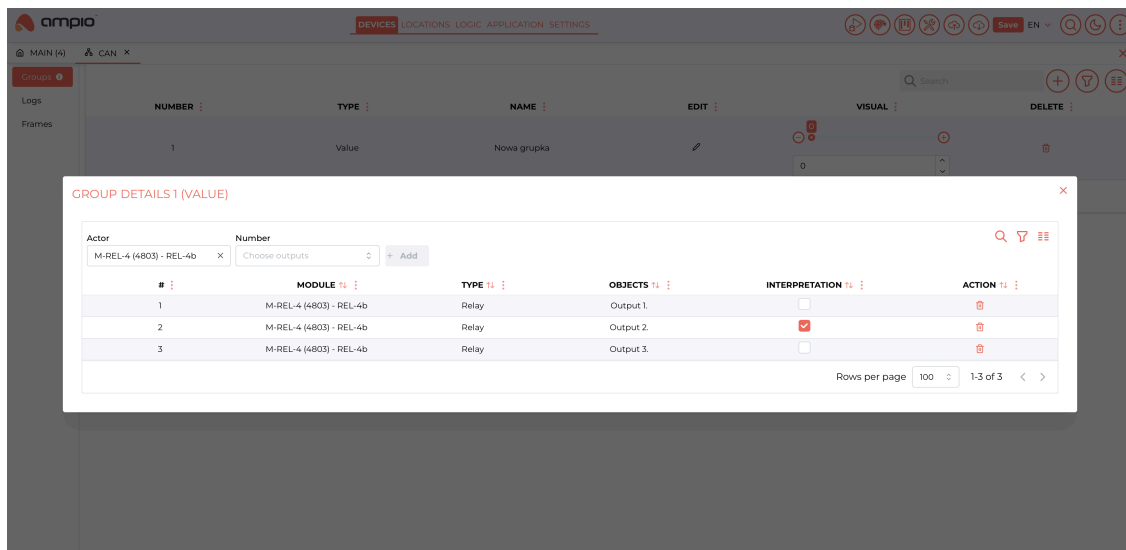
1. Click the **+** icon ("Add group").
2. Select **group type** (e.g. Value).
3. The system will suggest the first free number.
4. Enter **group name** (e.g. *New group*).
5. Confirm with **Add Group** button.

The group will be added to the list and is ready for editing.

Don't forget to click the **SAVE** button! Only then will the groups be saved in the modules.

Editing an existing group

Click the edit icon next to the selected group to access its configuration.



Possible actions

- **Adding objects:**
 - Select the device and objects you are interested in
 - Click **Add**
- **Removing objects** from the group
- **Setting the state interpreter (leader):**

Only one output can act as a state interpreter.
The group state presented depends on the output indicated as leader.

Deleting a group

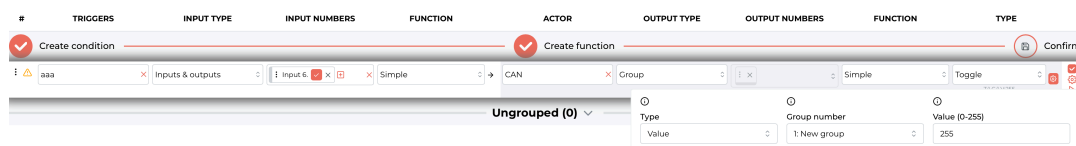
Click the trash can icon  next to the group.

Creating group control logic

In order for a CAN group to respond to specific actions (e.g. pressing a button or a signal from a sensor), appropriate logic must be created in the *Logic* tab.

Step by step:

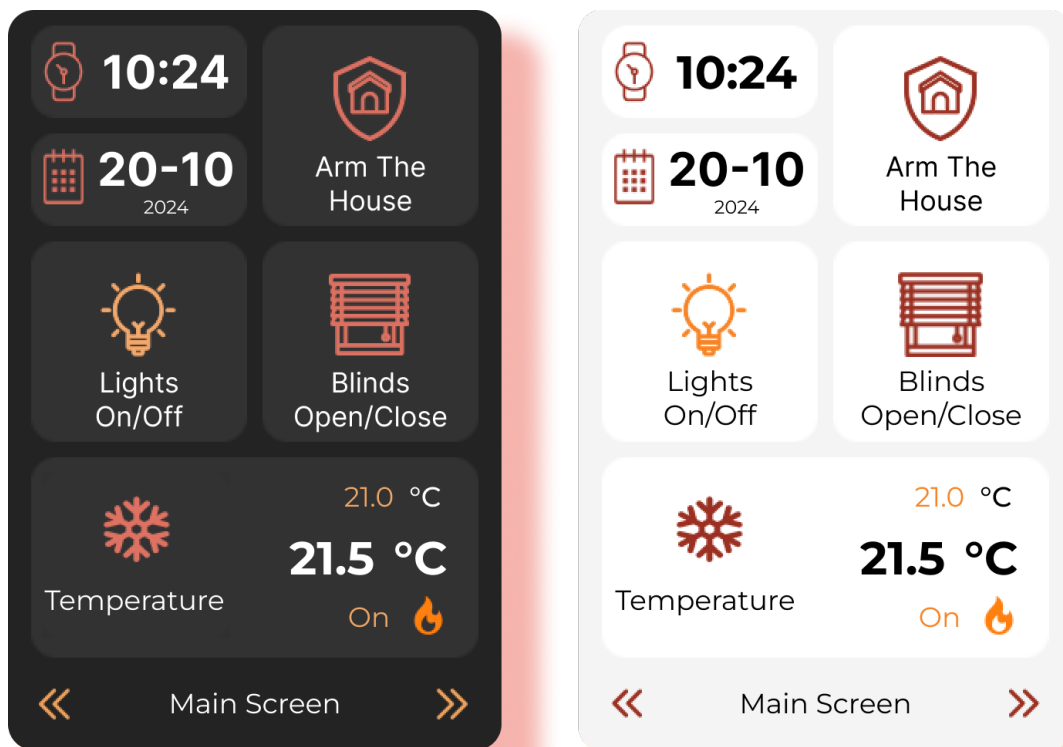
1. Go to the *Logic* tab
2. Click the + Condition button
3. Configure the Trigger:
 - Select the input type (e.g. 'Inputs and outputs')
 - Select a specific input number (e.g. 'Input 6')
 - Set the function (e.g. 'Basic Function')
4. Configure the Action:
 - Select the actor: CAN
 - Select the output type: Group
 - Select the Function and its Type (e.g. Simple → Change state)
 - Select the group number (e.g. New group)
 - Set the remaining group attributes



Click **Confirm** and **Save** when you have finished creating the logic.

Group control from the panel or Application

You can control CAN groups directly from the wall panel or mobile app.



For more information, see the guide on [M-DOT-T6 configuration](#).

Groups allow for easier management of output sets – instead of sending commands to each device separately, you only need to control one group.

To control groups from the Ampio app, add them to the app view:

1. Go to the *Application* tab in the configuration system.
2. Move the group from the tree on the left.
3. Change the icon, name, and other settings if you want.
4. The added group will allow the user to:
 - Enable/disable the group
 - Control attributes relevant to the group (e.g. the value for 'Value' type groups)
 - View the current status of the group

Tips and best practices

- **Groups are saved in modules** – they operate independently on each CAN device.
- **The group type** determines which outputs can be assigned (e.g. RGBW cannot be added to a roller blind group).
- **Ampio button** – An Ampio button (icon with a status diode) can be added to each group, which will automatically display the group status by lighting or turning off the status diode; it cannot be assigned as a group interpreter.

Common problems and their solutions

Unable to add a group Check if the group number is not already in use.

Unable to add an output Make sure that the output type matches the group type.

Group does not reflect the actual state Make sure that the interpreter for the group has been selected.