

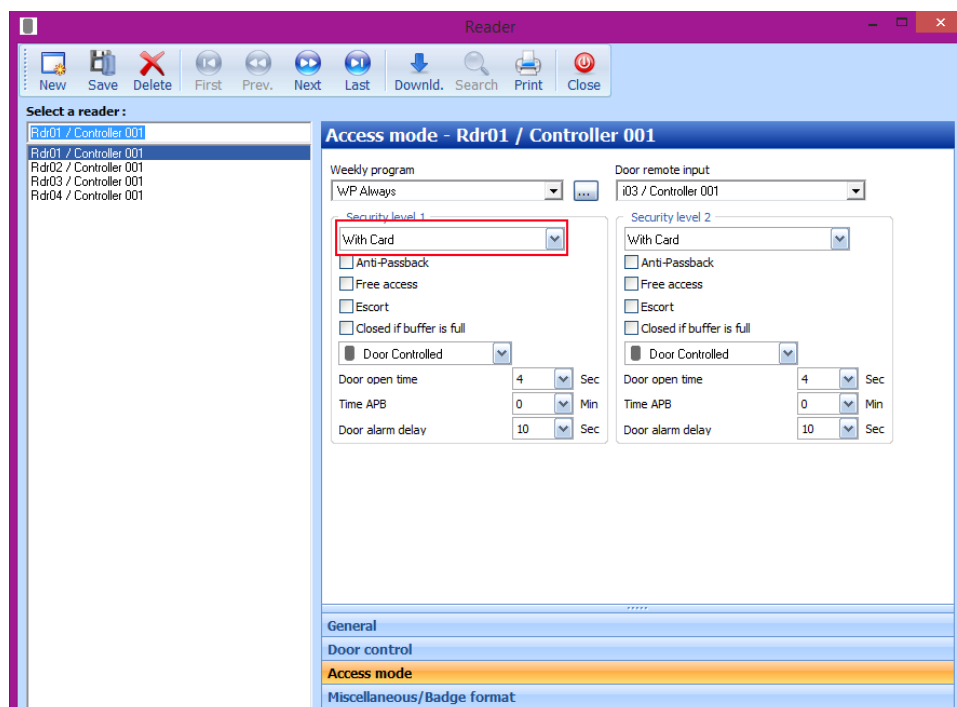
# GuardPointPro — Using a transaction code to open & close a relay

There may be times when you would like to use a code on a keypad to leave a relay/door open or keep that door / closed

You can do this by using an **Action, Process and Global Reflex** with a transaction code at a reader.

You will need the ACM module for GPP which can be found under the **Event handling** menu

1. At the reader screen which will be used to enter the transaction code open the reader screen . [Controller>Reader>Access mode], Click the **Access Mode** tab

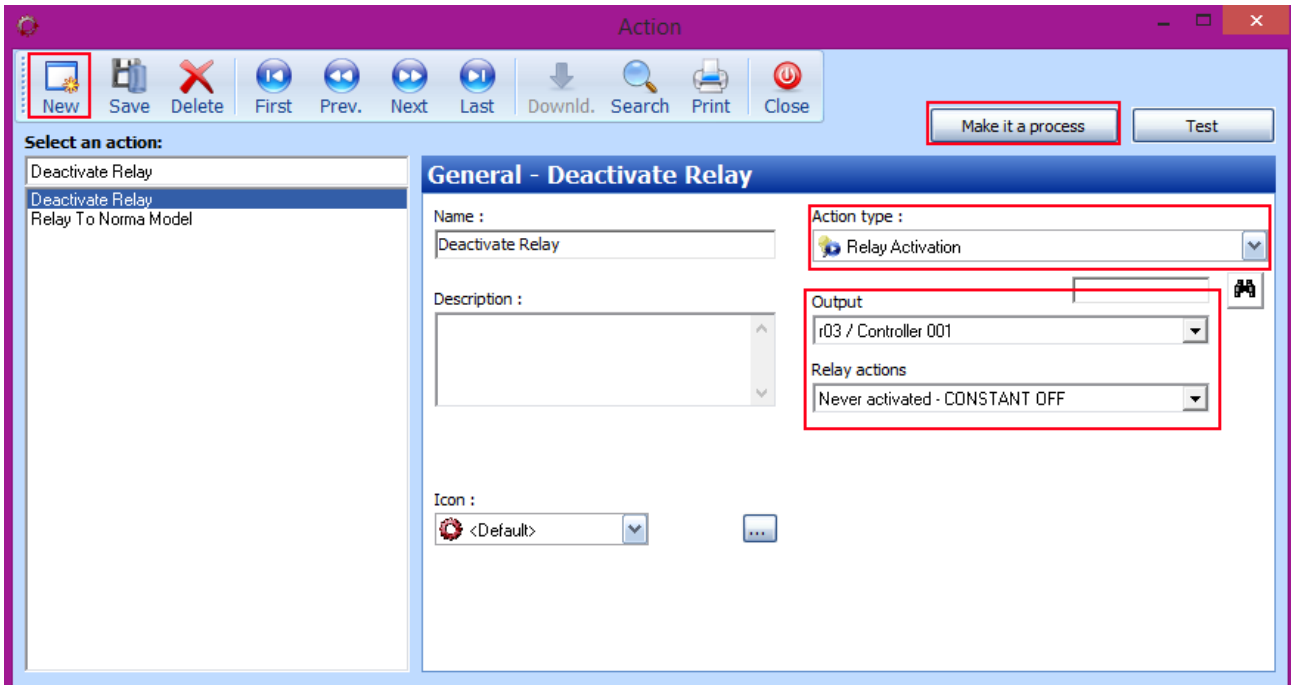


Under **Security Level one** select **With Card** from the drop down list, save

2. Open the **Action** screen and create a new action of type **Relay Activation**.

Select the relay you would like to deactivate from the **Output** dropdown list, Select **Never Activated—CONSTANT OFF** from the **Relay Actions** dropdown list and save. You can test this action by clicking on the test button, the relay should stay open. Alternatively if you wish to keep the relay open constantly you would select **Always Activated—CONSTANT ON** from the **Relay Actions** dropdown list or if you wanted the relay to stay open for a set amount of time you would select **Activated during** from the **Relay Actions** dropdown list and provide a time in seconds in the box below. Save the Action and Click Make this a process button

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**Action**

New Save Delete First Prev. Next Last Downld. Search Print Close

Make it a process Test

**Select an action:**

- Deactivate Relay
- Deactivate Relay
- Relay To Norma Model

**General - Deactivate Relay**

Name : Deactivate Relay

Description :

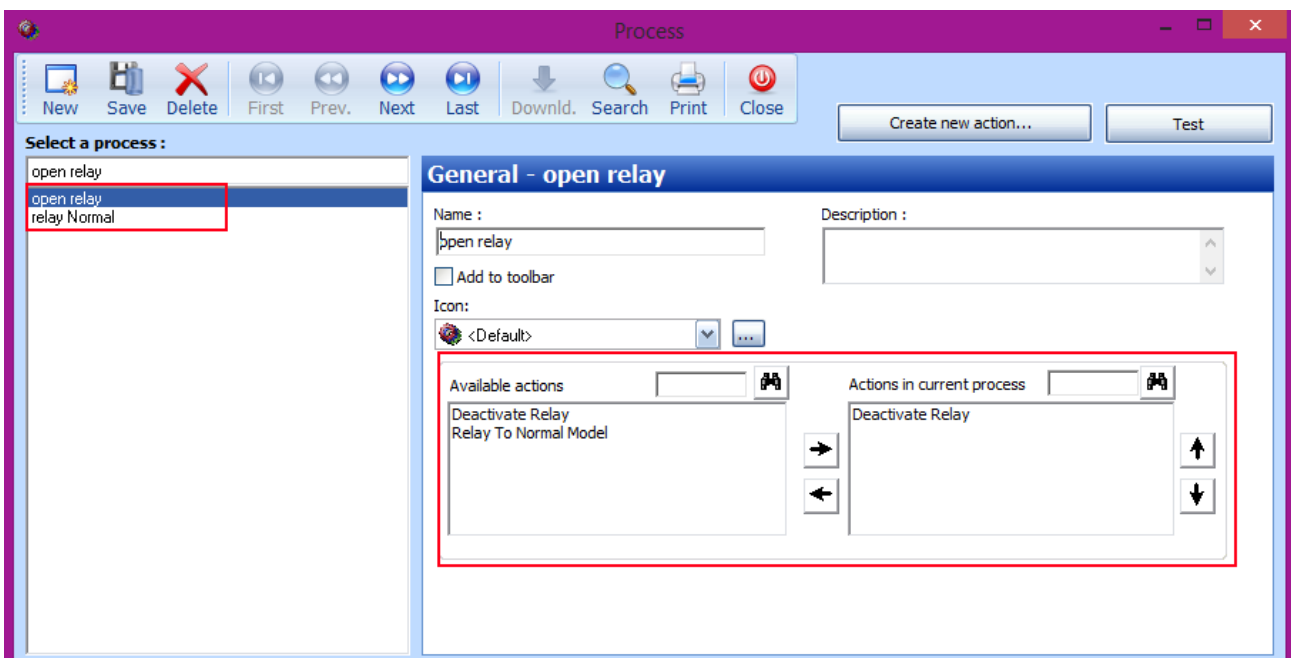
Icon : <Default>

Action type : Relay Activation

Output : r03 / Controller 001

Relay actions : Never activated - CONSTANT OFF

3. If using the **Relay Action Constant Off** then you will need to repeat step 2, this time under the **Relay Actions** dropdown list you would choose **Return to automatic mode NORMAL** then make this a process
4. Open the process screen and check to see if you process's have ben created.



**Process**

New Save Delete First Prev. Next Last Downld. Search Print Close

Create new action... Test

**Select a process :**

- open relay
- open relay
- relay Normal

**General - open relay**

Name : open relay

Description :

Add to toolbar

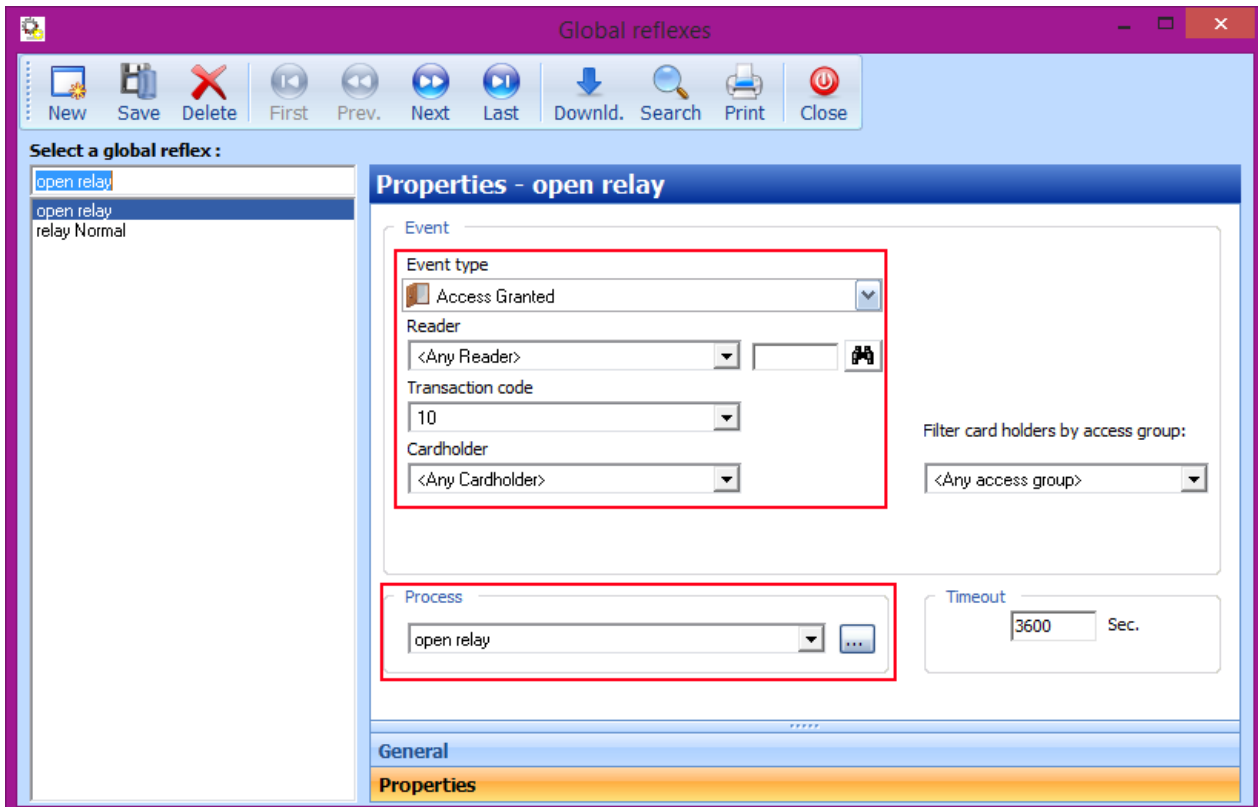
Icon : <Default>

Available actions : Deactivate Relay, Relay To Normal Model

Actions in current process : Deactivate Relay

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5. Open the **Global Reflex** screen and create a new **Global Reflex**  
Click onto the properties tab



The screenshot shows the 'Global reflexes' application window. On the left, under 'Select a global reflex:', there is a list with 'open relay' selected. The main area is titled 'Properties - open relay' and contains two sections: 'Event' and 'Process'. The 'Event' section has fields for 'Event type' (Access Granted), 'Reader' (<Any Reader>), 'Transaction code' (10), and 'Cardholder' (<Any Cardholder>). There is also a 'Filter card holders by access group:' dropdown set to '<Any access group>'. The 'Process' section has a dropdown set to 'open relay'. A 'Timeout' field is set to '3600 Sec.'. At the bottom, there are tabs for 'General' and 'Properties', with 'Properties' being the active tab.

The event section should :

**Event Type:** Access Granted

**Reader:** Choose which reader you will enter the transaction code

**Transaction Code:** This code can be any number from 1-99 [If you are using transaction code in the T+ module, avoid transaction codes 1 & 0]

**Cardholder:** This is the nominated cardholder who will use the global reflex

**Process:** This will be the process you created for opening or closing the relay.

**Note:** If the action/process/global reflex you created was to keep the relay open constantly you should make an additional Global Reflex using the process **Return to automatic mode NORMAL** created earlier.

## GuardPointPro — Using a transaction code to open & close a relay with a Global Reflex

### Usage:

To trigger the Global reflex the user would **first** enter their transaction code followed by a valid card swipe. This will then trigger the correct Global reflex determined by the correct transaction code.