

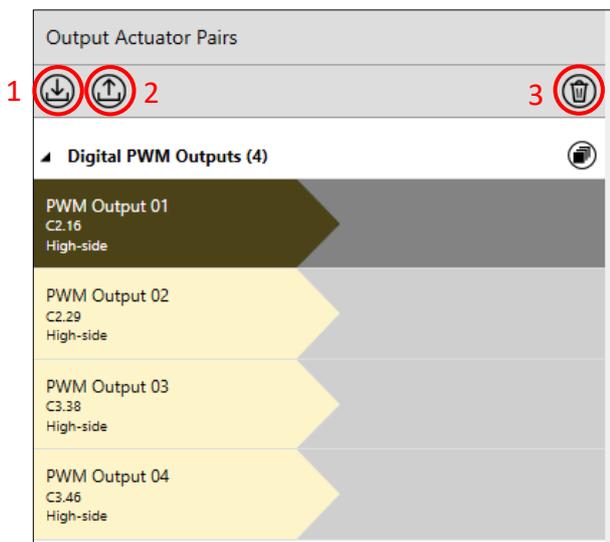
ACTUATORS	Revision	0.3
	Date	17/02/2025

Actuators overview

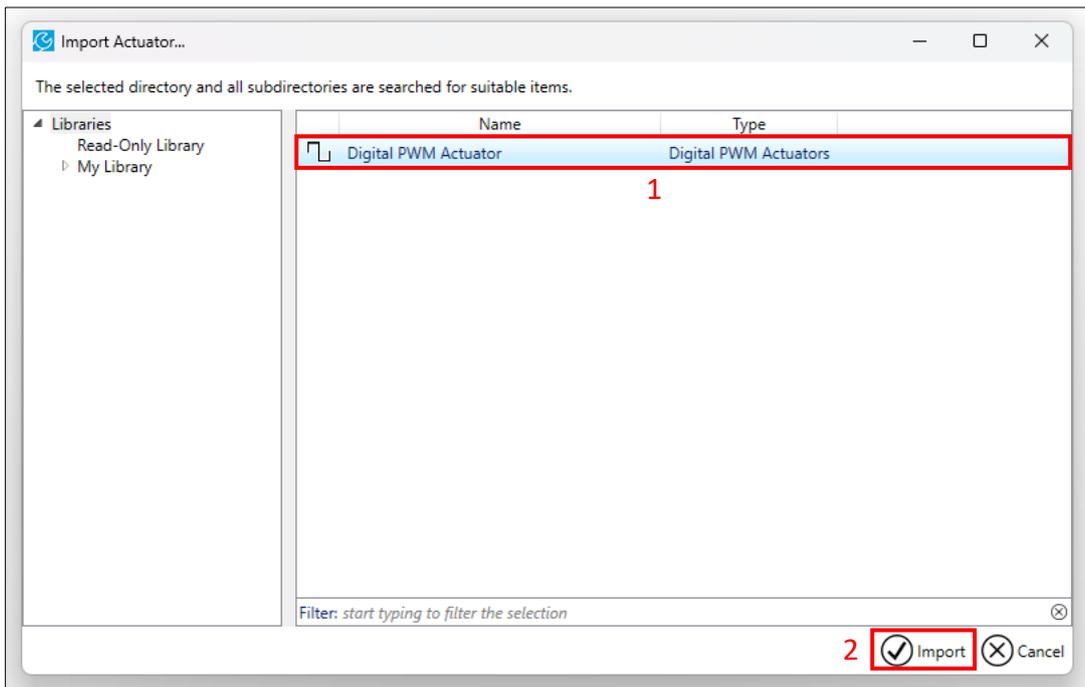
For devices such as the Badenia with High Side Driver outputs and the CCW Mk3 for Opto-Isolators, the **Actuators** node is used to configure the outputs.

Configure an actuator

Use the **Import** option to import an actuator from the Toolset library (1). You can import and export previously configured actuators between existing setups (1/2). You can use the 'bin' option to delete actuators from the setup (3).



Select the actuator to import from the dialog box (1), and then click **Import** (2).





When the actuator is imported, you can configure the output duty. Enter a name for the actuator (1), and an optional descriptive comment (2).

Actuator Properties	
Configure the properties of the actuator.	
Name	1 <input type="text" value="Actuator"/>
Comment	2 <input type="text" value="An example actuator"/>

You can now configure the actuator output duty. There are three actuator configuration options:

Always On: 100% duty when the device is on.

On/Off: You can use a user defined channel (Maths, Logic, CAN, Alarm, and so on) to switch the output and configure its duty. For example, a register Maths channel or a Counter Logic channel can switch the output on, and the frequency of the channel determines the switching frequency.

PWM: You can use a user defined Maths channel with 'Proportion' units to configure the PWM duty for the output. The frequency of the output is configurable between 1 – 400Hz.

Configuration	
Set the actuator to Always On, specify a user type channel that the turns the actuator on or off or specify a proportion channel allowing PWM control.	
<input checked="" type="radio"/> Always On	
<input type="radio"/> On/Off	<input type="text"/> ...
<input type="radio"/> PWM	<input type="text"/> ... Frequency <input type="text" value="200"/> Hz