

# FAQ: MY 0-10V DIMMABLE LIGHT FIXTURE DOES NOT TURN COMPLETELY OFF...

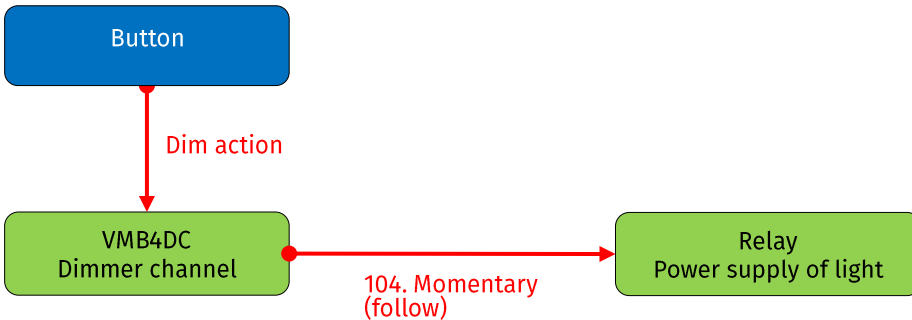
For a general explanation about Velbus, please consult the installation guide on [www.velbus.eu](http://www.velbus.eu).  
 Always use the latest version de Velbuslink, freely downloadable on [www.velbus.eu](http://www.velbus.eu) > Support > Downloads.

## 1 QUESTION

A dimmable 0-10V light fixture is commanded by a VMB4DC output module. When totally dimmed at 0%, the lights are not completely off. How can I solve this problem?

## 2 ANSWER

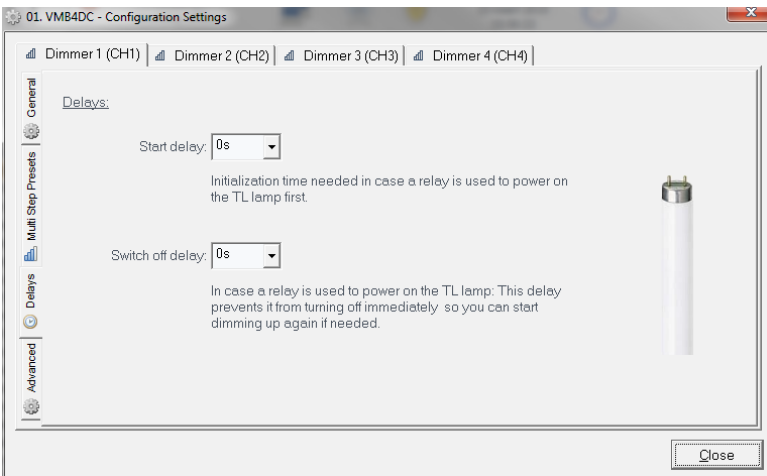
This problem can easily be solved by using a Velbus relay for switching the power supply of the light fixture. In Velbuslink the relay needs to be connected to the dimmer channel by a “Momentary (follow)” action.



When the dimmer channel is set to 0%, the relay will be open. When the dimmer channel is set to a value different from 0%, the relay will be closed.

### Optional: start delay and switch off delay

In the VMB4DC module, start- and switch off delays can be set. In Velbuslink, right-click on the module > Configure module > tab “Delays” (see screenshot below).



By using a start delay, the dimmer will only start dimming a few seconds after the power supply relay has been activated. This way the lamps have the time to start up first. The start delay can be set between 0 and 3 seconds.

The switch off delay makes the power supply stay on a few seconds after the dimmer has reached 0%. This makes it possible to immediately dim up again, without having to wait for the lamps to start up again. The switch off delay can be set between 0 and 3 seconds.