

## 4-stage switching circuit via pushbuttons with counter

### Task definition

easy is required to provide a 4-stage switching circuit via two pushbuttons.

easy controls 4 outputs via two pushbuttons. This circuit allows you for example to implement the consecutive switching of up to 4 different lighting groups as required.

In the first stage output 1 is active. In the second stage outputs 1 and 2. In third stage outputs 1, 2 and 3 are active and in the fourth stage outputs 1, 2, 3 and 4 are active.

The active switching stage is displayed using easy display texts.

A button is required for increasing or decreasing the switching stage. Pressing the Down button for more than 3 seconds deactivates the current switching stage so that no other output is active.

### Device class used

easyE4

### Wiring

#### Inputs

I01 Up button  
I02 Down button

#### Outputs

Q01 Lighting group 1  
Q02 Lighting group 2  
Q03 Lighting group 3  
Q04 Lighting group 4

#### Parameters

C01 Count pulses up to the activation of Q01  
C02 Count pulses up to the activation of Q02  
C03 Count pulses up to the activation of Q03  
C04 Count pulses up to the activation of Q04  
T01 Required actuation time for resetting the active switching stage.