

Greenhouse watering

Task definition

easy is required to control the watering of plants in a greenhouse. Watering is varied according to the plant type:

Type 1 covers water plants in a basin. A float switch always regulates the water level in this basin within a defined range.

The plants of the second type are required to be watered for 3 minutes via a time switch at 06:00 am in the morning and at 20:00 pm in the evening.

Time setting of the time switch:

Time switch H01 =	Channel A: Mo - Su	06:00 - 06:03
	Channel B: Mo - Su	20:00 - 20:03

The plants of the third type are watered every two days in the evening for 2 minutes when the twilight switch at I3 is activated.

Device class used

easyE4

Wiring

Inputs

I01	Maximum value switch input
I02	Minimum value switch input
I03	Twilight switch
I04	Automatic . On switch

Outputs

Q01	Pump for plant type 1
Q02	Pump for plant type 2
Q03	Pump for plant type 3

Parameters

H01	Watering times for plant type 2
T01	2 minute watering pulse