

Outdoor irrigation system with time switch

Task definition

easy is required to control the timing of the entire outdoor irrigation system for a 4-pump installation. The individual pumps can be switched individually, and also for a set period.

The irrigation system serves four pumps that can be time controlled separately by means of individual time switches. The pump operating times can be set or modified in minute intervals. During extreme droughts, pushbuttons S2 to S5 can be used to manually carry out finely graduated additional watering. All the times set here can be modified online via the easy display.

Device class used

easyE4

Wiring

Inputs

- I01 S1 Mainsw
- I02 S2 Manual p control E1
- I03 S3 Manual pump control E2
- I04 S4 Manual pump control E3
- I05 S5 Manual pump control E4

Outputs

- Q01 Pump E1
- Q02 Pump E2
- Q03 Pump E3
- Q04 Pump E4

Parameters

- T01 Additional watering for pump E1 (1.5 min.)
- T02 Additional watering for pump E2 (2.5 min.)
- T03 Additional watering for pump E3 (1.3 min.)
- T04 Additional watering for pump E4 (1.5 min.)

Time switches

- H01 Irrigation time for pump E1
- H02 Irrigation time for pump E2
- H03 Irrigation time for pump E3
- H04 Irrigation time for pump E4

Time switch H01=	Channel A:	Mo-Su	06:00 - 06:02
	Channel B:	Su	20:00 - 20:02
Time switch H02=	Channel A:	Mo-Su	09:00 - 09:04
Time switch H03=	Channel A:	Mo-Su	10:00 - 10:04
	Channel B:	Su	21:00 - 21:04
Time switch H04:	Channel A:	Mo-Su	12:00 - 12:06