

## Sports hall lighting with time switch

### Task definition

easy is required to control the lighting in a sports hall.

The sports hall can be divided into three individual sections. The lighting can be used either for the entire sports hall or for each section. Key switch S1 allows selection between Manual mode (without time limitation, e.g. for a specific event) or Automatic mode (with time switch).

The sports hall is required to be used between 8.00 and 22.00 from Monday to Saturday.

A horn is switched on at 21.50 to indicate that use of the sports hall is to end.

At 22.00 the lighting of sections 1 and 3 is switched off. Section 2 remains lit until 22.05 because this section includes the access to the changing rooms and the switch room responsible for the lighting control.

### Device class used

easyE4

### Wiring

#### Inputs

|     |  |
|-----|--|
| I01 | Key switch S1 (Manual / Automatic)                                   |
| I02 | Light switch S2 (Section 1)  |
| I03 | Light switch S3 (Section 2)  |
| I04 | Light switch S4 (Section 3)  |
| I05 | Light switch S5 (Sections 1-3)                                       |
| I06 | Light switch S6 (only with Manual, sections 1-3 without time switch) |

#### Outputs

|     |                         |
|-----|-------------------------|
| Q01 | Lighting H1 (Section 1) |
| Q02 | Lighting H2 (Section 2) |
| Q03 | Lighting H3 (Section 3) |
| Q04 | Horn P1                 |

#### Parameter

|     |                         |
|-----|-------------------------|
| T01 | Lighting H1 (Section 1) |
| H01 | Lighting H2 (Section 2) |
| H02 | Lighting H3 (Section 3) |
| H03 | Horn P1                 |