

VAJA 3

Opis problema:

LOGO! se uporabi za krmiljenje osvetlitve v večji športni dvorani. Dvorana se oddaja v najem različnim športnim klubom, zato krmilnik ob izteku najemnega časa izključi razsvetljavo, s čimer onemogoči nadaljnjo uporabo športne dvorane.

Z uporabo centralnega stikala je razsvetljavo možno vklapljati in izklapljati neodvisno od časovnika.

The lighting in the sports hall (at Q1 and Q2) can be switched on and off via the button at I1. The lighting in the changing rooms can be switched on and off via the button at I2. The lighting is switched off in the evening via the integrated time switch. At 9:45 in the evening a horn sounds for 5 seconds to warn that the time is up. There is time to leave the sports hall and switch off the light. At 10 o'clock the first light group in the sports hall (Q1) is switched off and at 10:15 the second light group (Q2). The lighting in the changing rooms is switched off at 10:25. The light cannot be switched on again after that. Via a central switch, the lighting can be switched on and off completely independently (for example, by the caretaker). The holiday periods can be manually excluded via the locking switch at I4. Fewer components necessary than for conventional solutions.