

Optimize swimming pool water management

“Motor Control: Program on IHP 2C”



Customer case

The swimming pool manager wants to optimize the operation of the various pool areas:

- The swimming pool water must be filtered continuously on the days the pool is open.
- The water supply to the footbaths must only be operational during opening times.

Benefits

- Automatic management of swimming pool operation.
- Easy modification of time switch program.
- Possibility of temporary or continuous override operation.
- Automatic summer/winter time change.

Our recommendation

Automate pool management via a dual-output programmable time switch.
The first output controls the pool water filtering pump and the second controls the footbath water supply solenoid valve.

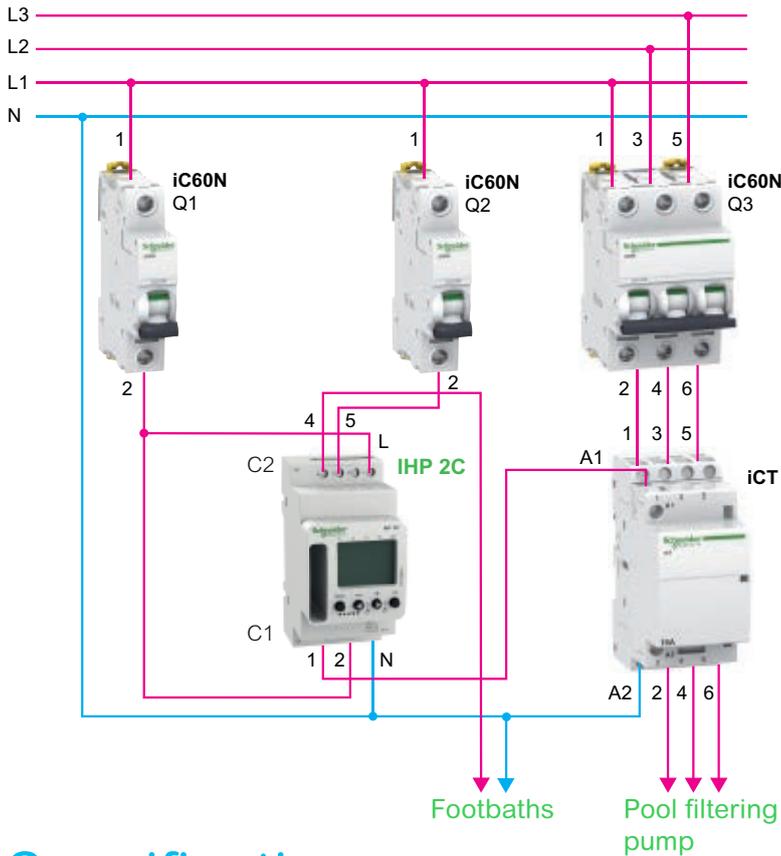
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Solution

Diagram



Specifications

- Through the output 1 of the programmable time switch you can program the days and times that the pool water will be filtered (example: every day from 8 am to 8 pm).
- Through the output 2 of the programmable time switch you can program the days and times that the footbaths will be operational (example: filled with water half an hour before the swimming pool opens and emptied half an hour after it closes).
- The characteristics of protection circuit-breakers and contactor depend on the installed power and type of load.

Products used			
Product	Function	Quantity	Reference
Acti9 IHP 2C	Programmable time switch, 2 channels (C1&C2)	1	CCT15442/ CCT15443
Acti9 iC60N 1P	MCB Q1, Q2	2	Depend on rating
Acti9 iC60N 3P	MCB Q3	1	Depend on rating
Acti9 iCT 3P	Modular contactor	1	Depend on rating

More about
IHP 2C



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Schneider Electric Industries SAS
35, rue Joseph Monier - CS 30323
F92506 Rueil-Malmaison Cedex

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