

Manage water heating in public buildings

“Energy Management: IHP 1C”



Customer case

The technical supervisor of the city council wants to increase user comfort and make energy savings by controlling water heating in public buildings.

Benefits

- Easy modification of time switch program for special events and vacation.
- Possibility of temporary or continuous override operation with standard switch or push-button.
- Automatic summer/winter time change.

Our recommendation

In public buildings, hot water tanks may be controlled by the combination of an IHP 1C programmable time switch and an iCT contactor, equipped with an iACTc auxiliary contact.

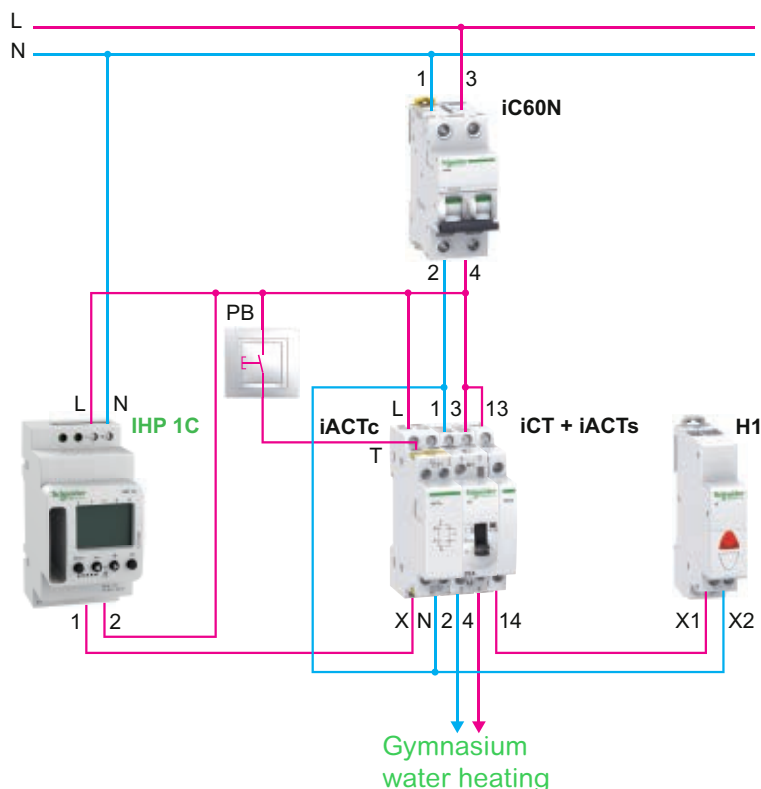
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Solution

Diagram



Specifications

Different types of operations are available:

- Normal operation: the programmable time switch controls water heating.
- Exceptional override operation: water heating may be started up by the user outside the programmed times, by pressing on the standard switch or push-button.
- Return to normal operation: since the last order received has priority, normal switching takes over again at the time of the next switching operation of the programmable time switch.

Products used			
Product	Function	Quantity	Reference
Acti9 IHP 1C	Programmable time switch, 1 channel	1	CCT15440/ CCT15441
Acti9 iACTc	Impulse/latched control auxiliary	1	A9C18308
Acti9 iCT	Modular contactor with manual operation	1	Depend on rating
Acti9 iACTs	Indication auxiliary for contactor	1	A9C15915
Acti9 iC60N 2P	MCB	1	Depend on rating
Acti9 iIL	Single indicator light - Red	1	A9E18320

More about
IHP 1C



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