

Renovation of the lighting for a Town Council

iATLc, centralized control

iTLc

iTL + iATLc



Customer needs

In order to optimize the existing lighting of a Town Council and achieve savings, the engineering department wants to upgrade the installation, while keeping the local controls in place.

They also want to have a centralized control, located by the Town Council's reception desk, allowing all the offices, the Council meeting room and the reception to be extinguished in a single action.

Proposed solution

iATLc, centralized control

For each office an iTLc will be used for lighting control via push buttons.

For lighting control in the lobby and meeting rooms, for reasons of installed capacity, a 32 A impulse relay combined with an iATLc remote control auxiliary is necessary.

The iTLc and iATLc allow centralized control via a push button installed by the reception desk which extinguishes all the building's lighting.

Users / customer benefits

- **energy savings and safety:** the lighting for each area can be activated and deactivated locally by the users. A push button located at the reception is connected to each iATLc auxiliary module for iTL and directly to each iTLc impulse relay. Result: all the impulse relays can respond simultaneously to central control orders,
- **ease of connection:** thanks to its integral centralized control function, the iTLc impulse relay allows savings of wiring and space. The total width is still 18 mm. The iATLc centralized control auxiliary is compatible with the standard iTL impulse relay to upgrade the existing installations. iATLc + iTL is equivalent to iTLc.



Town Council

Preferred application

- housing,
- offices,
- educational institutions, etc.

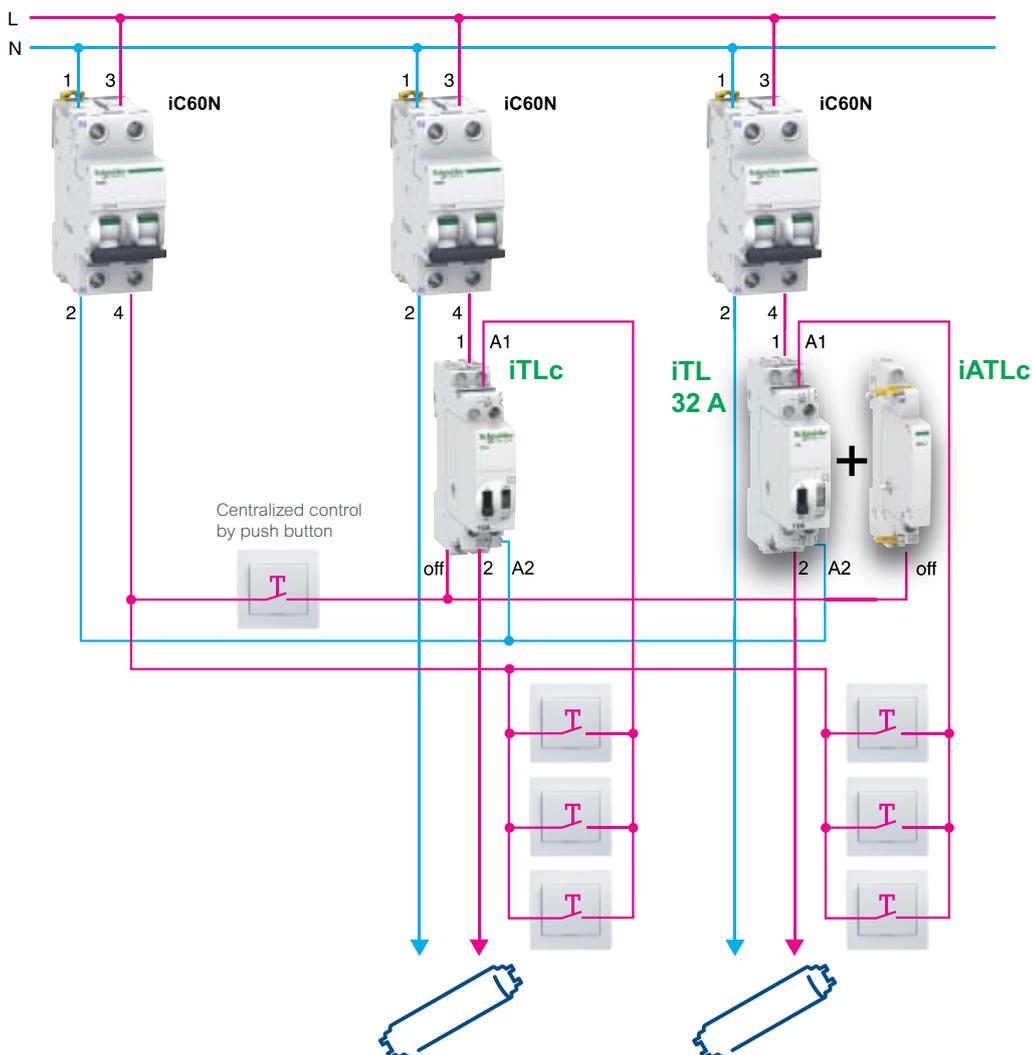
Impulse remote control + local and central control = energy savings + ease of use

Specifications

A single push button must be able to extinguish all the building's lighting.

The "centralized control" function must be compatible with the volume available in the existing switchboard (additional space requirements limited insofar as possible).

Solution diagram



Products used

Product	Description	Unity	Cat. no.
iC60N	C2 A 2P+N circuit breaker	1	-
iC60N	2P+N C10 A circuit breaker	2	-
iC60N	2P+N C20 A circuit breaker	-	-
iTL	32 A impulse relay	1	A9C30831
iTLc	Centralized-control impulse relay	1	A9C33811
iATLc	Centralized control auxiliary	1	A9C15404

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