

Optimizing the lighting of open office spaces

Reflex iC60, integrated-control circuit breaker

Reflex iC60



Customer needs

On average, over one-third of the total energy consumed in office buildings is used for lighting.

In this type of building, occupied mainly during the daytime, undeniable energy savings can be achieved by optimizing luminaire lighting times.

This installation can manage extinguishing of the lighting at the desired times, while allowing users to control the luminaires outside of the programmed period.

Users / customer benefits

- **energy efficiency:** optimization of lighting times allows energy savings of up to 30%,
- **simplicity:**
 - automated and secure lighting management solution,
 - indications on the front of the product,
- **safety:** padlocking possible without any additional accessory,
- **continuity of service:** the Reflex iC60 is a bistable actuator which does not change state in the event of a power outage.

Proposed solution

Reflex iC60, integrated-control circuit breaker

Lighting circuits are switched on and off by office users by means of ambience control push buttons located in each zone.

An IHP time switch sends to the Reflex iC60 protection and control devices orders for extinguishing according to the building's operating requirements.

The Reflex integrated-control circuit breakers are configured in mode 1 to allow local restarting of the lighting.



Open office spaces

Preferred application

- offices,
- educational institutions,
- industry,
- retail trade,
- etc.

Automatic stoppage + local control =
guarantee of extinguishing + user comfort

Specifications

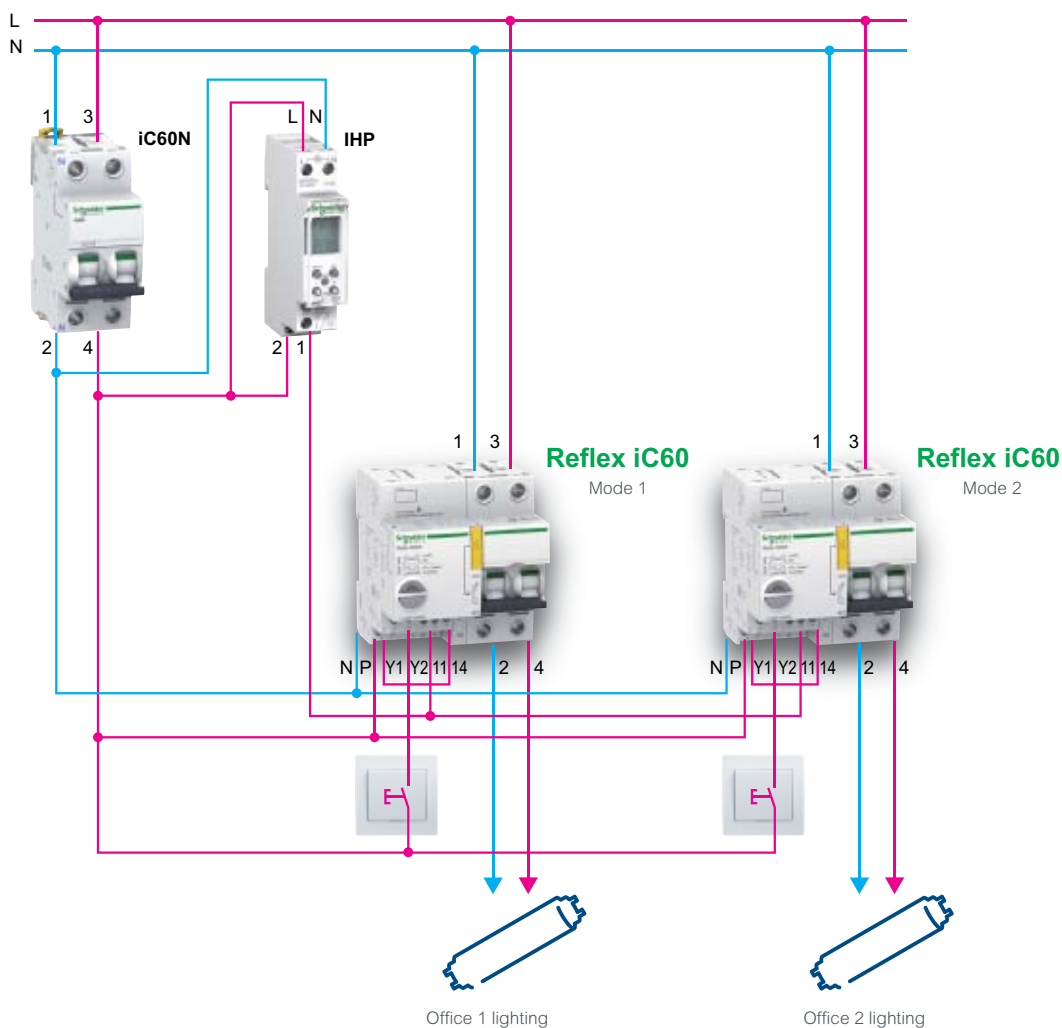
The lighting loads must be powered via an integrated-control circuit breaker.

Lighting circuits are switched on and off by the users of the premises by means of ambience control push buttons.

Centrally controlled extinguishing of lighting circuits must be able to be programmed by means of a time switch.

It must be possible for the occupants to restart the lighting outside of the programmed lighting times.

Solution diagram



Products used

Product	Description	Unity	Cat. no.
iC60N	C10 A 1P+N circuit breaker	1	-
Reflex iC60N	25 A C-curve 2P integrated-control circuit breaker	2	A9C52225
IHP	Weekly programmable time switch	1	15854

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