

Optimize lighting in the common areas of a residential building

Lighting only for the duration needed

MINp



Customer case

In an existing installation equipped with a simple impulse relay, the association of co-owners wants to reduce the cost of lighting by preventing the lighting from being left constantly lit.

The building inhabitants agreed to automatically limit the lighting period but they would like to be notified of imminent extinguishing and press the button again if required.

The association of co-owners wants to be given remote access to a longer lighting time for a removal or for maintenance work without adding extra controls.

Our recommendation

The use of a Acti9 MINp timer makes it possible to:

- set the lighting period to a minimum in corridors, stairs, a lobby, etc. using a timer to switch on one or more lamps from one or more control points,
- warn, through flickering of the light, that the lighting will soon be extinguished,
- have two lighting override control modes, either permanent by actuation on the front of the device, or for a period of one hour, by pressing one of the installation's pushbuttons for 2 seconds.

Benefits

- Energy optimization: automatic management of the lighting period optimize energy consumption.
- User comfort is improved by the warning function before light goes out (the warning consists of blinking the luminaires).
- Ease of installation: the MINp is compatible with cabling of the 3- or 4 conductor type without altering the installation.
- Easy operation: two override control modes are available (permanent, long-term). They can cover the various customary needs of the building entrance (cleaning, tidying, etc.).

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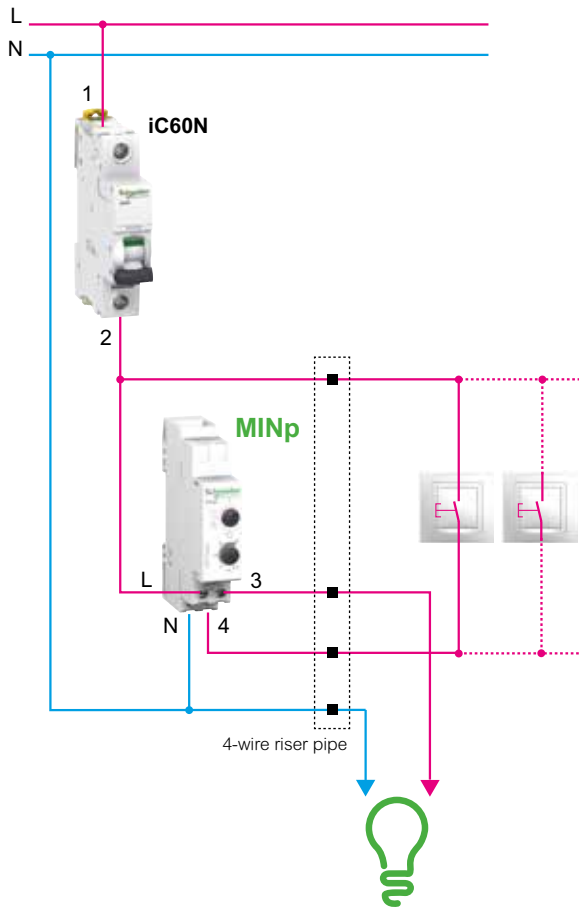
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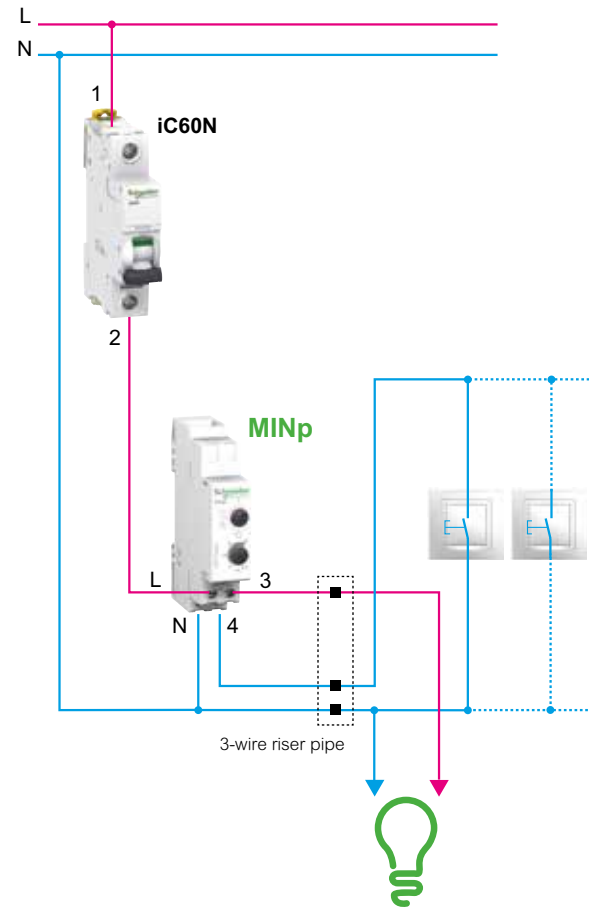
Solution

Diagram

Connection to 4-conductor riser pipe



Connection to 3-conductor riser pipe



Note: 3 or 4 wire connection to be selected using the lateral selector switch of MIN.

Specifications

- Be fully compatible with existing 3- or 4-conductor installations without altering the installation.
- Have an extinguishing time delay setting of between 0.5 and 20 minutes, with prior notice of lighting extinguishing, and be able to override the installation's settings to permanent lighting.
- Pressing a control push button for more than 2 s causes the start of a fixed time delay of one hour; a second long press allows extinguishing.

Products used			
Product	Function	Quantity	Reference
Acti9 MINp	Electronic timer with switch-off warning	1	CCT15233
Acti9 iC60N	MCB 1P	1	Depend on rating

More about MINp



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