



Lighting for a storage warehouse

iTLm



Impulse remote control and switch brings visibility of lighting status

Customer case

Lighting control must be ensured by a simple switch. Also, a feedback on the lighting circuit state must be obtained (ON or OFF). The lighting power may be significant depending on the case.

Benefits

- **Reduced consumption and heating in the switchboard:** use of the impulse relay avoids permanent consumption by the coil of a contactor.
- **Simplified control:** the latched-control impulse relay makes it possible to use a simple switch.
- **Lighting override control:** the controls on the front panel of the product can be used to switch the lighting on or off by override control for specific needs.

Our recommendation

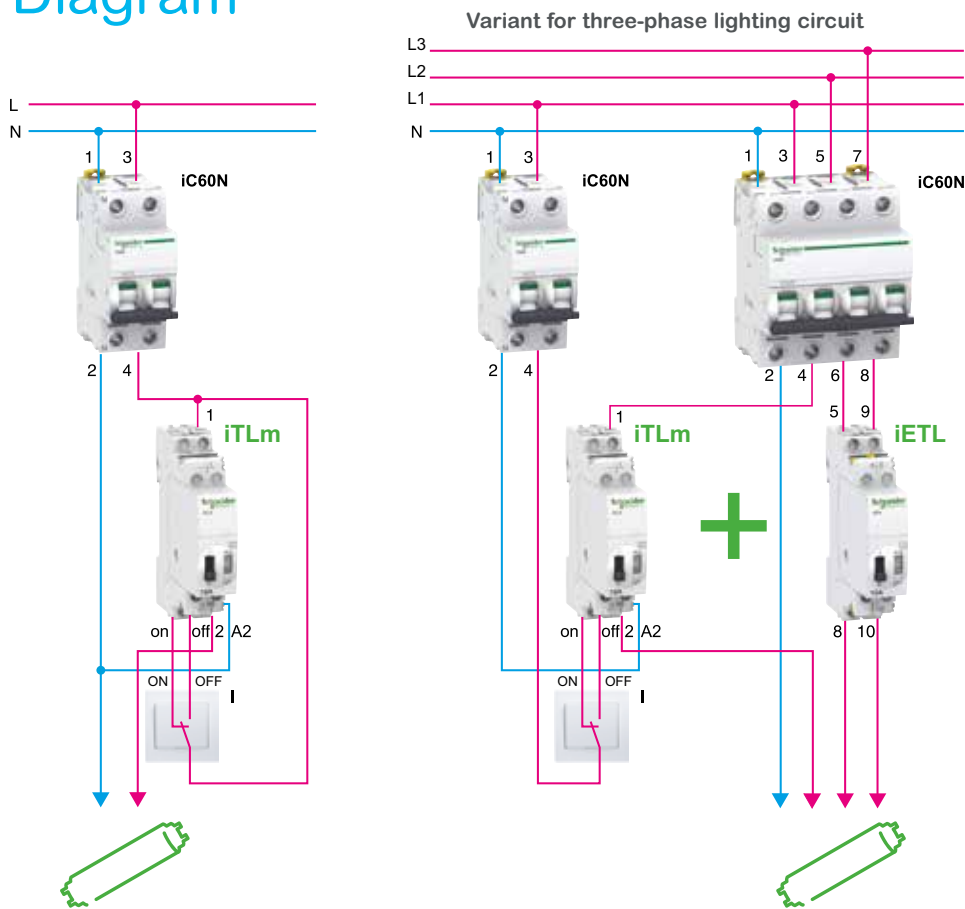
The latched-control impulse relay Acti9 iTLm is a bistable relay that can be controlled by means of a changeover switch. The Acti9 iTLm opens or closes its contact according to the application of a voltage to the ON or OFF terminal. The voltage can be applied via a changeover contact of a simple switch, a time switch, etc...

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Solution Diagram



Note: to insure closing of neutral before phases, the control of lightings must not be realized by switch but with iTLm + iETL (maximum available rating 16 A).

Specifications

- The lighting system for an area is activated by an impulse relay controlled by a simple two-position switch.
- Lighting remote control must be able to be inhibited easily.

Products used

Product	Function	Quantity	Reference
Acti9 iC60N	MCB 1P+N	1	Depend on rating
Acti9 iTLm	Impulse relay with integral latched function	1	A9C34811
Variant for three-phase circuit			
Acti9 iC60N	MCB 1P+N	1	Depend on rating
Acti9 iC60N	MCB 3P+N	1	Depend on rating
Acti9 iTLm	Impulse relay with integral latched function	1	A9C34811
Acti9 iETL	2P extension for impulse relay (for 3P lighting circuit option)	1	A9C32816

More about Acti9 iTLm



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