



Lighting for a meeting room with remote reporting

Impulse remote control and signalling brings visibility of lighting status



Customer case

The meeting room's lighting must be able to be controlled from several points. Also, the receptionist must be able to check switch-off when the room is not in use, to avoid any waste of energy if users have forgotten to turn off the light.

Benefits

- **Space saving:** the iTLs impulse relay saves space due to integration of the remote signaling function. The total width is still 18 mm.
- **Reduced consumption and heat loss:** a "bistable" solution, which consumes no energy to hold the lighting circuit in closed position.
- **Comfort:** the impulse relay offers continuous, silent operation compared with similar applications using contactors. The distribution board can be installed in bedrooms, offices, etc. without any discomfort for the users.

Our recommendation

The Acti9 iTL, iTLs impulse relay closes or opens the circuit whenever a control pulse is applied. The pulse is generated by pressing one of the push buttons.

All the push buttons are connected in parallel.

For the purpose of remote signaling, a lighting status report is produced by the signaling function of the iTLs.

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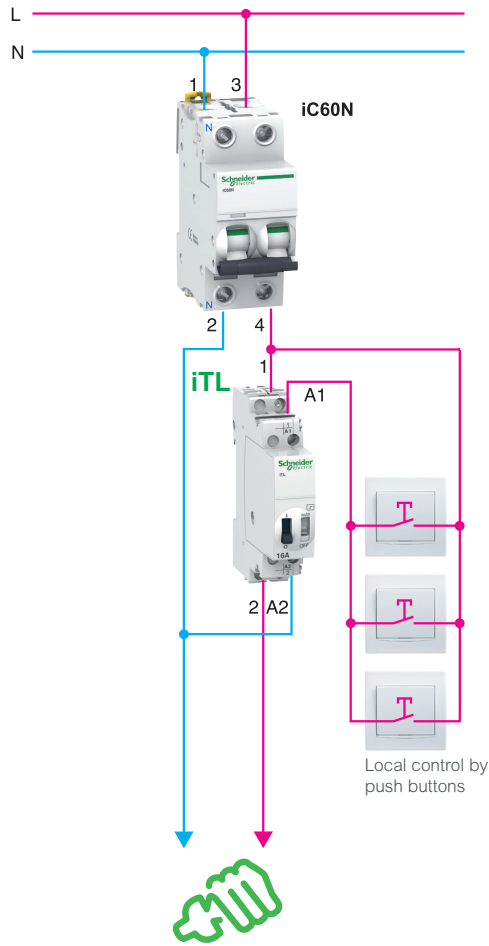
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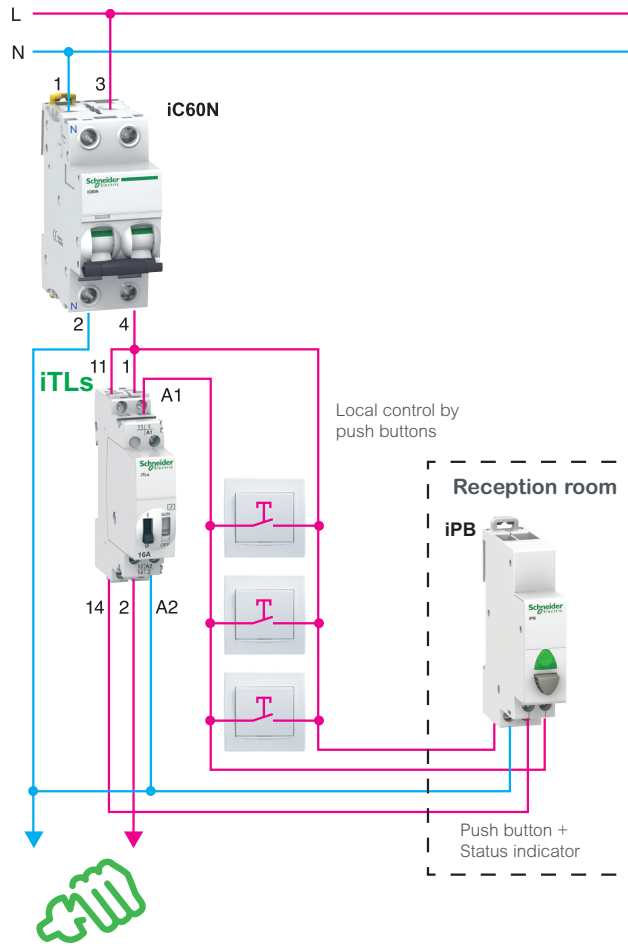
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Solution Diagram

Lighting for a meeting room



Lighting for a meeting room
Variant with remote reporting (circuit status)



Specifications

- The lighting system for an area is activated locally via several push buttons. Override setting of the lighting to ON or OFF for maintenance purposes must be able to be performed easily from the distribution board.
- On option, it must be possible to remotely indicate the circuit status.
- Depending on the rating of the power circuit protection circuit breaker, additional protection for the control circuit may be necessary.

Products used

| Product | Function | Quantity | Reference |
|-------------|---|----------|------------------|
| Acti9 iC60N | MCB 1P+N | 1 | Depend on rating |
| Acti9 iTls | 16 A impulse relay with remote indication | 1 | A9C32811 |
| Acti9 iTL | 16 A impulse relay | 1 | A9C30811 |
| Acti9 iPB | 4P impulse relay | 1 | A9E18036 |

More about Acti9 iTL



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Schneider Electric Industries SAS
35, rue Joseph Monier - CS 30323
F92506 Reuil-Malmaison Cedex

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