

Lighting for a humid room

Impulse remote centralized control
Improve energy efficiency & user comfort

iTL



Customer case

Be able to control lighting in a humid room, while ensuring personnel protection, taking into account sanitary requirements, the floor and wall cleaning operations performed each day.

Benefits

- **Ease of installation:** the control terminal connection capacity allows the use of cable of cross section up to 4 mm².
- **Protection:** the 4 kV isolation level between the coil and the power contacts can meet the requirements of a Safety Extra Low Voltage (SELV) installation according to IEC standard.

Our recommendation

The Acti9 iTL impulse relay with 24 V coil, together with a power supply via iTR safety transformer, ensures a level of isolation between the main voltage and the control voltage.

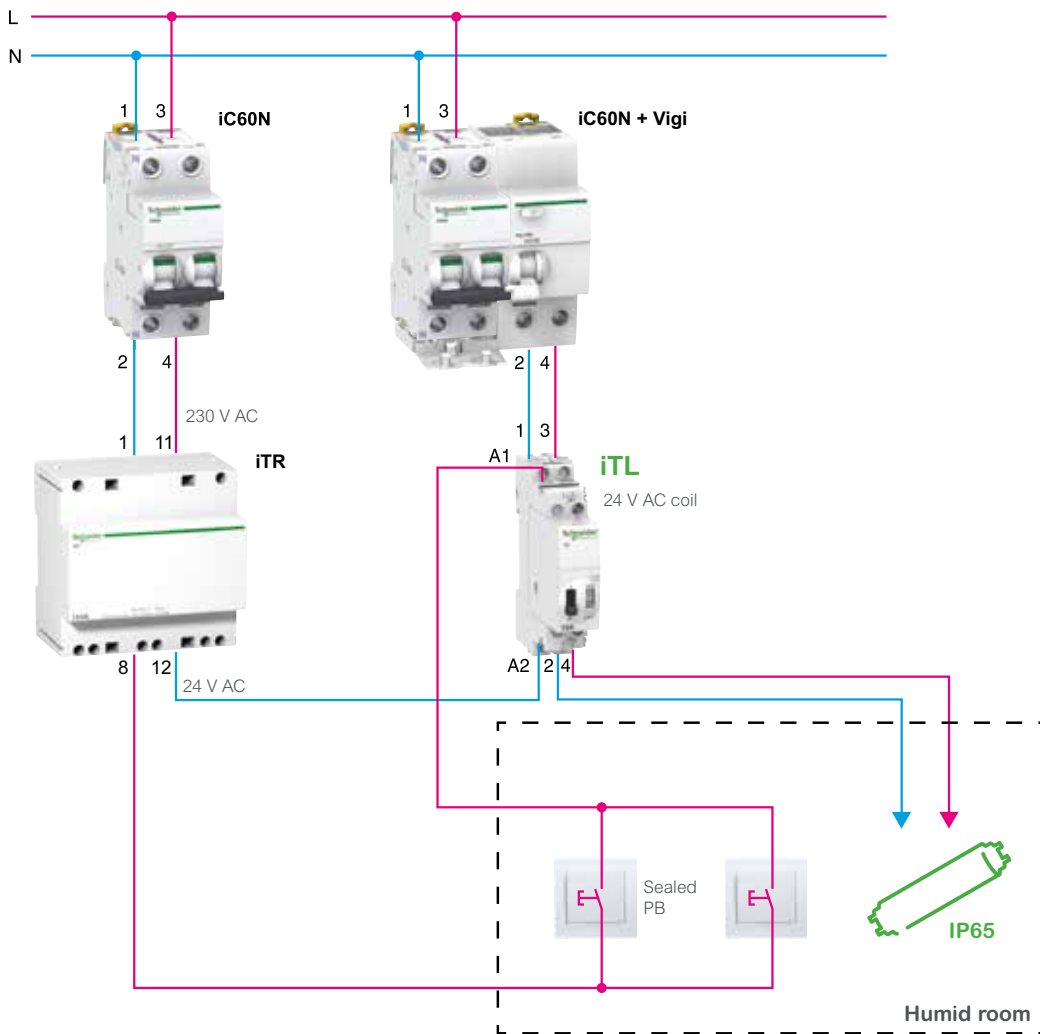
All guarantees must be taken (sealed push button, use of SELV, earth leakage protection) to ensure personnel safety and protect it from electrical hazards.

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Solution Diagram



Specifications

- The impulse relay must have a performance level in compliance with the regulatory requirements for a "Safety Extra Low Voltage" (SELV) electrical installation.

Products used			
Product	Function	Quantity	Reference
Acti9 iC60N	MCB 1P+N	1	Depend on rating
Acti9 iC60N + Vigi iC60	MCB 1P+N + 30 mA Vigi earth leakage protection module	1	Depend on rating
Acti9 iTL	16 A, 24 V AC 2P impulse relay		A9C30112
Acti9 iTR	16 VA, 12-24 V AC safety transformer		A9A15218

More about
Acti9 iTL



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