Optimizing hotel car park lighting

“Lighting control: Twilight switch IC2000”

IC2000

Customer case

The hotel manager wants to optimize lighting for a car park with a simple solution ensuring sufficient lighting irrespective of the natural luminosity level.
He wants to improve the hotel guests’ comfort.

Benefits

- **Customer better comfort:** lighting is ensured in case of darkness.
- **Energy savings:** setting of the tripping threshold can optimize the lighting period.
- **Easy access to settings** on the twilight switch located in the electrical distribution panelboard.

Our recommendation

Use a twilight switch to automatically control the car park lighting (On or Off) according to the external brightness and the predetermined twilight switch threshold.

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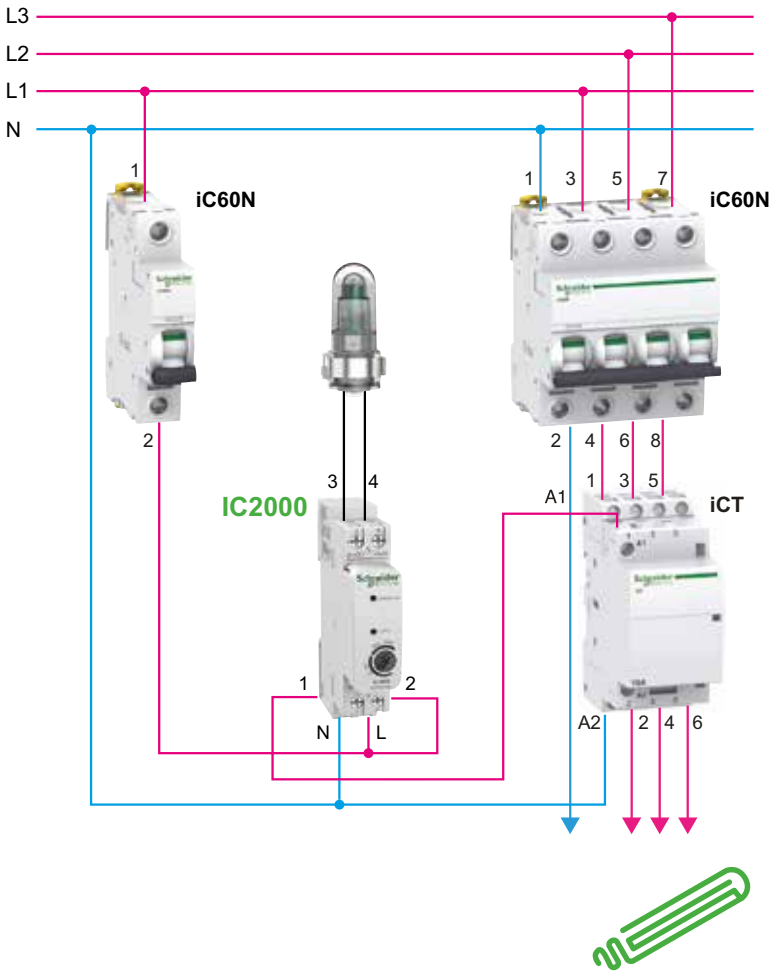
Solution

Diagram



Specifications

- The characteristics of protection circuit-breakers and contactor depend on the installed power and type of load.
- Modular contactor needed if power consumption exceeds 2600 W.
- The lighting will be activated through a command from the twilight switch according to the external brightness.

Products used			
Product	Function	Quantity	Reference
Acti9 IC2000	Twilight switch (supplied with a wall cell)	1	CCT15369
Acti9 iC60N 1P	MCB	1	Depend on rating
Acti9 iC60N 4P	MCB	1	Depend on rating
Acti9 iCT 3P	Modular contactor	1	Depend on rating

More about IC2000

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