Control office lighting locally

“Lighting Control: IHP+ 2C – SMART”

**Customer case**

The facility manager wants to optimize his operating cost minimizing lighting energy in the offices.

**Benefits**

- Easy modification of time switch program for special events and vacation.
- Easy copying of the program from one time switch to another with the memory key.
- Possibility of temporary or continuous override operation with standard switch or push-button installed away from the panelboard.
- Automatic summer/winter time change.

**Our recommendation**

Use IHP+ 2C – SMART and impulse relay iTL to control office lighting locally by push-buttons and centrally by a programmable time switch.

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Solution

Diagram

Specifications

Control the lighting of the building:
- By a centralized order transmitted by an impulse type programmable time switch to the centralized control and signaling impulse relay auxiliary. The programmable time switch functions provide the benefit of centralized:
  - Time programming.
  - Manual override operation.
- Locally by means of push-buttons and benefit from the impulse relay functions:
  - Disconnection of remote control by selector switch for maintenance operation (auto/Off).
  - Manual controls on front face: direct and priority manual control by O-I toggle.

Products used

<table>
<thead>
<tr>
<th>Product</th>
<th>Function</th>
<th>Quantity</th>
<th>Reference</th>
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</thead>
<tbody>
<tr>
<td>Acti9 IHP+ 2C – SMART</td>
<td>Programmable time switch, 2 channels (C1&amp;C2)</td>
<td>1</td>
<td>CCT15553</td>
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<td>Acti9 iC60N 2P</td>
<td>MCB Q1, Q2</td>
<td>2</td>
<td>Depend on rating</td>
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<td>Acti9 iTL</td>
<td>Impulse relay</td>
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<td>A9C30811</td>
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<td>Acti9 iATLc+s</td>
<td>Centralized control + signaling</td>
<td>2</td>
<td>A9C15409</td>
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More about IHP+ 2C - SMART

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