Program your IHP "PROG"

The IHP allows you to program 2 types of control:
- switching operations (On / Off) and pulses (On / Off, on IHP+ products cat. nos. CCT15721 and CCT15723).

To create an operating period: program an "AUTO" and "PROG":

Option "Complete" function allows you to repeat the created switching operation or pulse for other

- "DELETE": to delete part of or the whole of the program (date, time and choice of language are kept).
- "COMPLETE": if the transition selected to be deleted is repeated on other days of the week, the product proposes "COMPLETE BLOCK", this function lets you delete all identical transitions (type and time).

- "END": to leave the "PROG" mode.

Date / Time "“" Modify the time, date, summer/winter time, day of the week, time format, date format.

Press "Menu", access the mode "““" using the ““““ key:

- Change the time and date.
- Choose summer/winter time (see the table in the "Configure" chapter).
- Define the 1st day of the week (for example Monday for Europe).

- Modify the format of the date "FORM DATE":
  - D / M / Y
  - M / D / Y
  - Y / M / D
- Modify the format of the time "24h / 12h":
  - 24h display
  - 12h display.

Zone | Summer time | Winter time | Comments
---|---|---|---
EUROPE | Last Sunday in March at 2 a.m. | Last Sunday in October at 3 a.m. | |
GB/IRL/P | Last Sunday in March at 1 a.m. | Last Sunday in October at 2 a.m. | Great Britain - Portugal
FIN/GR/TR | Last Sunday in March at 3 a.m. | Last Sunday in October at 4 a.m. | Finland - Greece - Turkey
CANADA | First Sunday in April at 2 a.m. | Last Sunday in October at 3 a.m. | Canada
FREE RULE | As per choice | As per choice | Choice of month, week, day (Monday, Tuesday, etc.) and time
FIX DATE | As per choice | As per choice | Choice of month, date (01, 02...) and time
NONE | - | - | -
Manual mode "MAN"

In this mode you can:
- Program a holiday period "HOLIDAY" (temporarily cancel On periods by configuring start and end of absence dates and times).
- On cat. nos. CCT15721 and CCT15723, you can also:
  - modify for an adjustable duration, operation (On or Off on channel) from the current time
  - TIMER
  - use the product in random mode "RANDOM" (to carry out presence simulation).

To carry out one of these operations, you must:
- press "Menu", access the "MAN" mode via the "+" key.
- "HOLIDAY": there are four different operation types in this Holiday mode:
  - "ON": output activated
  - "OFF": output de-activated
  - "RANDOM1": random operation in a fixed On range
  - "RANDOM2": On operation in a range with a random start and end.
- Once you have defined the type of operation, you must enter the start and end of absence dates.
- TIMER: to define the status of the wafer and its duration.
- "RANDOM":
- "RANDOM1": random operation in a fixed On range
- "RANDOM2": On operation in a range with a random start and end.
- TIMER: to define the status of the wafer and its duration.

ON-OFF override "" Channel 1, "" Channel 2

- Activate ON override or OFF override (until the next switching operation) by pressing simultaneously both keys " " for C1 or " " for C2 for less than 2 s. The output contact changes status:
  - the IHP indicates by "C1 OVERRIDE" or "C2 OVERRIDE" the new status of the output contact
  - return to the automatic mode by pressing both these keys for less than 2 s.
- Move to permanent ON or permanent OFF by pressing simultaneously both keys " " for C1 or " " for C2 for more than 2 s: each time you press a key for more than 2 s, the output contact changes status:
  - the IHP indicates by "C1 PERM" or "C2 PERM" the new status of the output contact
  - return to the automatic mode by pressing both these keys for less than 2 s.
- The IHP also allows external override by an external pushbutton or switch, cabled on the terminal (reference ) cat. nos. CCT15721 and CCT15723).
  - permanent On or Off override by external input (switch) takes priority over the ON – OFF override function of the product.
  - For configuration of the external input, see "Adapt the configuration "".

Electronic key (cat. no. CCT15861)

- You have an electronic key to facilitate programming of your IHP. The key should:
  - be placed in its compartment (beneath the "Menu" and "-" keys) if you use it
  - be placed under the leaflet/holder when it is not used.
- Before placing your electronic key, set the product to "Auto".
- Insert the electronic key and a specific menu will appear.
- Installation of the electronic key inhibits the "Menu" and "-" keys. To move and validate, you must use "+" and "OK".
- "COPY KEY → TSWI": to copy the electronic key program to your IHP.
- "COPY TSWI → KEY": to copy the IHP program to the electronic key.
- "RUN KEY": to operate the IHP with the programming memorised in the electronic key, without program transfer.
- "CHECK KEY": to read the content of the electronic key, each programming step is then displayed by pressing the "+" key. Press "OK" to return to the main menu.
- "END": to remove the electronic key.
  - An electronic key programming kit (cat. no. CCT15860) including a PC/electronic key interface, a lead, an electronic key and a programming software lets you program your electronic key directly from a PC.

Load table

- Permissible output contact power:
  - resistive loads: 1 max. = 16 A - 250 V, 1 min. = 200 mA - 12 V
  - motors: 2300 VA.

<table>
<thead>
<tr>
<th>Lighting type/Load</th>
<th>Max. power</th>
</tr>
</thead>
<tbody>
<tr>
<td>resistive load (cos ϕ = 1)</td>
<td>16 A</td>
</tr>
<tr>
<td>inductive load (cos ϕ = 0.6)</td>
<td>10 A</td>
</tr>
<tr>
<td>incandescent (230 V)</td>
<td>2300 W</td>
</tr>
<tr>
<td>halogen (230 V)</td>
<td>2300 W</td>
</tr>
<tr>
<td>series corrected / non-corrected, fluorescent</td>
<td>26 x 38 W, 20 x 58 W, 10 x 100 W</td>
</tr>
<tr>
<td>parallel-corrected, fluorescent, with conventional ballast</td>
<td>10 x 36 W (4.7 μF), 6 x 58 W (7 μF), 2 x 100 W (18 μF)</td>
</tr>
<tr>
<td>dual-mounted, fluorescent</td>
<td>10 x (2 x 58 W), 5 x (2 x 100 W)</td>
</tr>
<tr>
<td>fluorescent, with electronic ballast</td>
<td>9 x 36 W, 6 x 58 W</td>
</tr>
<tr>
<td>dual-mounted, fluorescent, with electronic ballast</td>
<td>5 x (2 x 36 W), 3 x (2 x 58 W)</td>
</tr>
<tr>
<td>fluo-compact, with electronic ballast</td>
<td>9 x 7 W, 7 x 11 W, 7 x 15 W, 7 x 20 W</td>
</tr>
<tr>
<td>parallel-corrected, mercury vapour, fluorescent</td>
<td>1 x 250 W (30 μF)</td>
</tr>
<tr>
<td>parallel-corrected, sodium vapour</td>
<td>1 x 250 W (37 μF)</td>
</tr>
</tbody>
</table>

Technical data

- Consumption: 1 channel max. 4 VA
- 2 channels max. 7 VA
- Memory: 56 switching operations except cat. nos. CCT15721 and CCT15723, 84 switching operations
- Minimum time between two switching operations: 1 minute
- Back-up of program and time by lithium battery: operating reserve: 6 years.
- Operating temperature: -25°C to +45°C
- Insulation class: II as per EN 60730-1 in installed state
- Degree of protection: IP20 as per EN 60529
- Connection terminals: 2 x 0.5 to 2.5 mm², rigid and flexible wires
- Overall dimensions: 5 modules.

External input

- Voltage: 230 V ~ -10 %, -15 %
- Frequency: 50 Hz
- Input current: max. 1.2 mA
- Consumption: max. 0.3 W
- Cable length: max. 100 m.