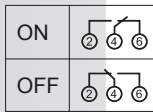




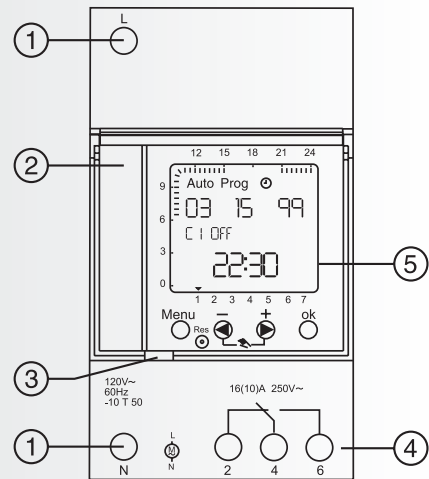
Schneider
Electric

New IHP features

- ① Power supply 120 V ±10 %, 60 Hz
- ② Leaflet holder slot
- ③ Sealed pivoting cover
- ④ Output contact:



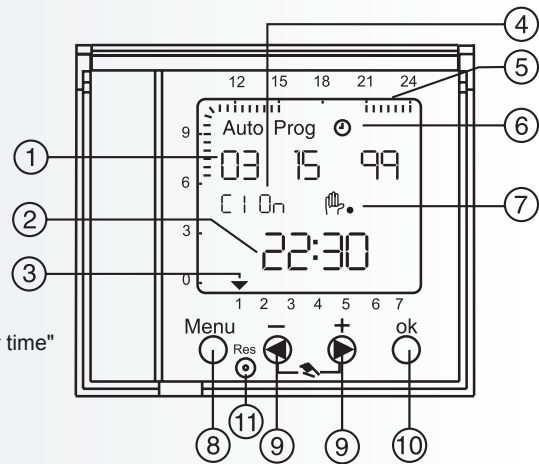
- ⑤ Screen



New features on the display and the 4 keys of your IHP

Once you have chosen the language and reset the time, your IHP indicates:

- ① Date
- ② Time: displays operation on mains ":" or battery ":"
- ③ Day (1: Monday, 2: Tuesday, etc.)
- ④ Output contact status display
- ⑤ Display of "ON" periods by 30-minute segment (e.g. displayed: 6h30 to 15h and 21h to 24h)
- ⑥ Operating mode:
 - Auto**: automatic operation according to the memorised program
 - Prog**: programming, verification, modification and deletion
 - ⌚: modification of time and choice of automatic "summer time - winter time" switching date
- ⑦ Indication of "ON override" "P."
- ⑧ Selection of operating modes
- ⑨ Value setting and navigation key
- ⑩ Flashing information validation key
- ⑪ Reinitialisation key: deletion of program, date, time and choice of language.



Program your IHP

- An IHP lets you program 2 types of switching operation, namely:
 - ON switching operations
 - OFF switching operations.

To create an operating period, program an ON switching, followed by an OFF switching.

The "REPEAT" function is used to copy to other days the switching operation currently being created and thus to increase the number of possible switching operations (validate with "ok", move to the next day using the "+" key, or return to the previous day using the "-" key).

- Access the "Prog" mode by pressing the "Menu" key. The "Prog" mode offers 5 options:
 - "NEW PROG" to build the program and store it in the memory
 - "CHECK" to display the program
 - "MODIFY" to update the program already memorised
 - "CLEAR" to delete part or all of the program (the date, time and choice of language are preserved)
 - "END" to leave the "Prog" mode and return to the "Auto" mode








If you do not agree with the flashing word or value: scroll down the display using the "+" and "-" keys

If you agree with the flashing word or value: validate with "ok"

If you are lost: press "Menu" to return to the "Auto" mode without saving

If you activate no key for a 2-minute period: automatic return to the "Auto" mode without saving.

Move to the temporary or permanent ON/OFF override .

- **Activate the temporary ON or OFF mode** (until the next switching operation) by simultaneously pressing the following 2 keys briefly (< 2 s)  :
 - the output contact changes status.
 - the IHP indicates by "**OVERRIDE** 
 Return to the "**Auto**" mode by briefly pressing (< 2 s) these 2 keys.
- **Move to the permanent ON or OFF mode** by simultaneously pressing the following 2 keys for more than 2 seconds  :
 - each time the keys are pressed for more than 2 seconds, the output contact changes status.
 - the IHP indicates by "**PERM ON** 
 - the IHP indicates by "**OFF PERM** 
 Return to the "**Auto**" mode by briefly pressing (< 2 s) these 2 keys.

Modify date and time

Choose or check your automatic summer time/winter time switching

- **Modify date and time:**
 - access the "**J**" mode by pressing the "**Menu**" key
- **Choose or check your automatic summer time/winter time switching:**
 - access the "**I**" mode by pressing the "**Menu**" key
 - validate time reset by "**ok**" until "**SUM/WIN**" is displayed in flashing mode
 - validate with "**ok**"
 - choose using the "+" and "-" keys:
 - "**no SU/WI**": no automatic switching
 - "**with S/W**": automatic change according to the geographical area chosen
 - validate with "**ok**".

Geographic area	Summer time	Winter time	Comments
EUROPE	Last Sunday of March at 2 am	Last Sunday of October at 3 am	
GB/P	Last Sunday of March at 1 am	Last Sunday of October at 2 am	Great Britain - Portugal
SF/GR/TR	Last Sunday of March at 3 am	Last Sunday of October at 4 am	Finland - Greece Turkey
USA-CAN	First Sunday of April at 2 am	Last Sunday of October at 3 am	USA - Canada
FREE	As per choice	As per choice	Choice of month, week and hour (between 1 am and 4 am)

Load table

- Acceptable power per output contact:
 - resistive loads: I max. = 16 A - 250 V~, I min. = 100 mA - 12 V~
 - motors: 2300 VA.

Type of lighting	Max. power per contact
resistive load	16 A
power factor = 0,6	4 A
incandescent lamp (230 V)	2300 W
halogen lamp (230 V)	2300 W
series uncorrected/corrected fluorescent tube	26 x 36 W, 20 x 58 W, 10 x 100 W
parallel corrected fluorescent tube with conventional ballast	10 x 36 W (4,7 µF), 6 x 58 W (7 µF), 2 x 100 W (18 µF)
dual-mounted fluorescent tube	10 x (2 x 58 W), 5 x (2 x 100 W)
fluorescent tube with electronic ballast	9 x 36 W, 6 x 58 W
dual-mounted fluorescent tube with electronic ballast	5 x (2 x 36 W), 3 x (2 x 58 W)
fluo-compact lamp with electronic ballast	9 x 7 W, 7 x 11 W, 7 x 15 W, 7 x 20 W
parallel corrected HQL fluorescent balloon	1 x 250 W (30 µF)
parallel corrected sodium vapour lamp	1 x 250 W (37 µF)

For the other applications, relay by CT contactor.

Characteristics

- Consumption: 6 VA max.
- Memory: 28 switching operations
- Minimum time between 2 switching operations: 1 minute
- Saving the program and time by lithium battery:
 - lifetime: 5 years
 - backup time: 3 years cumulated mains failure
- Operating temperature: -10°C ... +50°C, (prefer installation in the coolest part of the enclosure)
- Class II as per IEC / EN 60730 (product installed in enclosure)
- Protection index: IP20 as per IEC / EN 60529
- Device of 1 B STU type as per IEC / EN 60730
- Connection terminals:
 - max. capacity: 6 mm²
 - recommended screwdriver: flat posidrive 1, 0.8 x 4 mm
- Overall dimensions (9 mm pitch): 5 pitches
- Weight: 190 g.