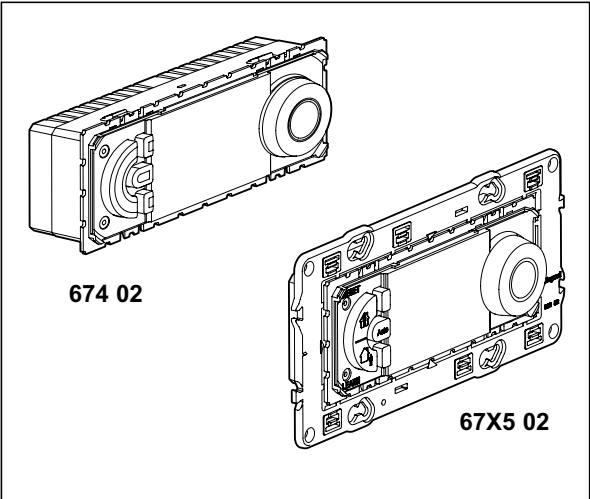
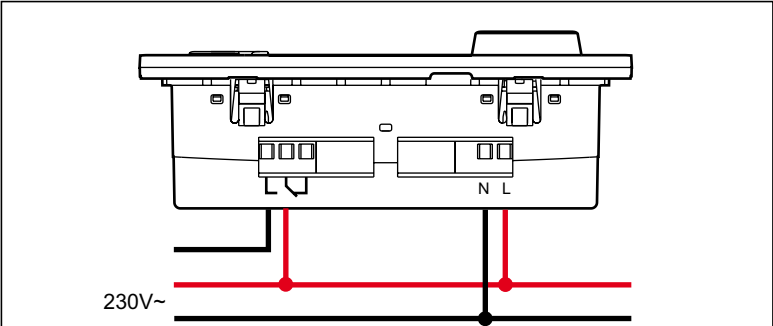
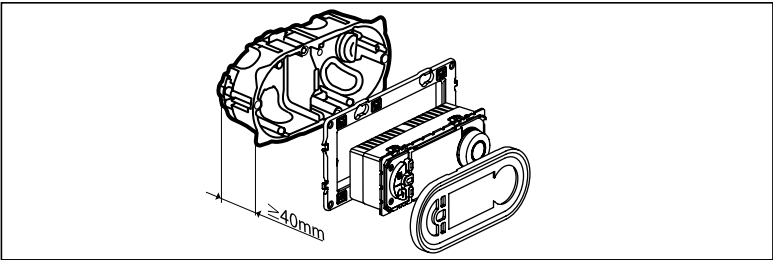
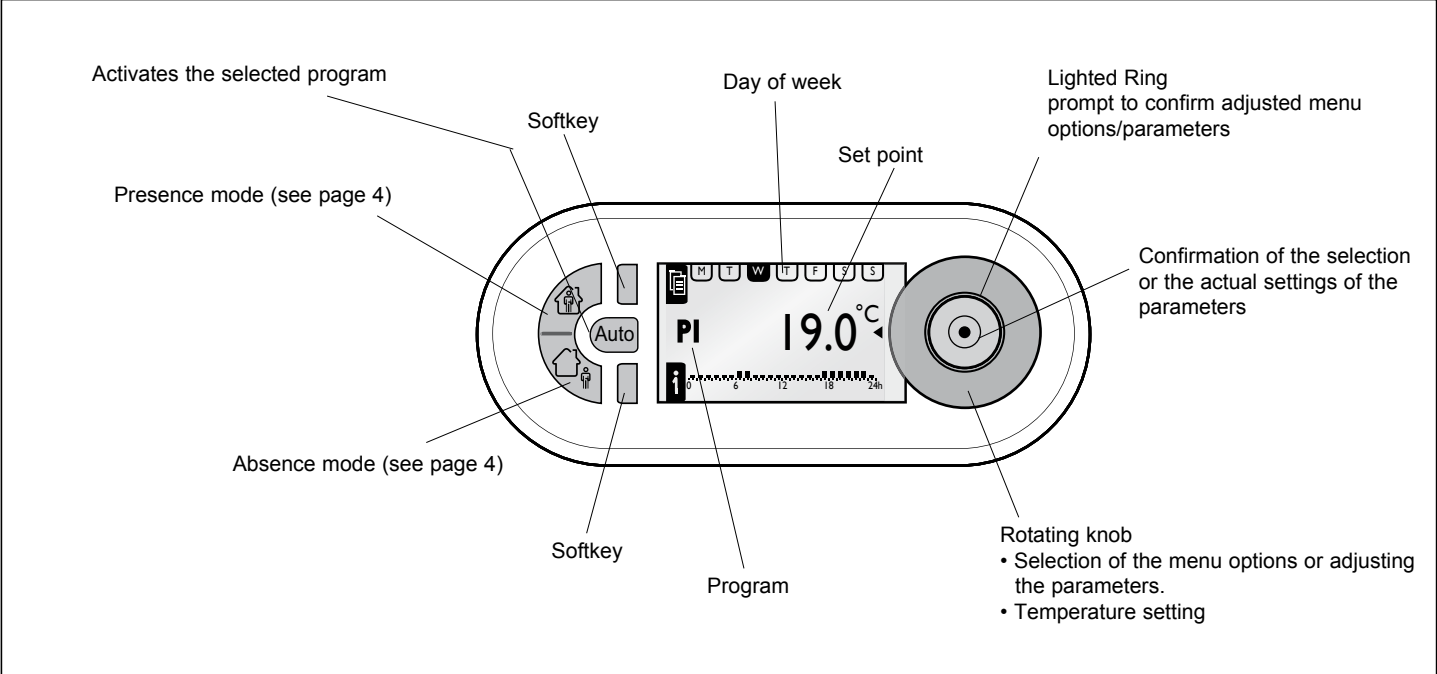




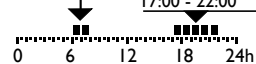
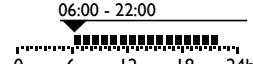
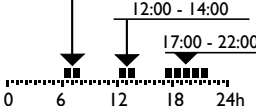
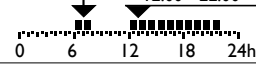
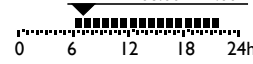
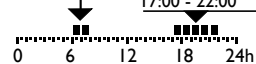
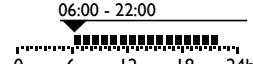
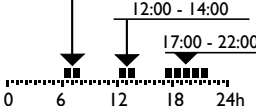
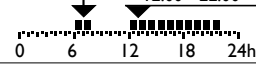
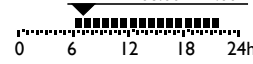
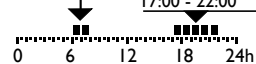
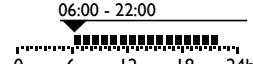
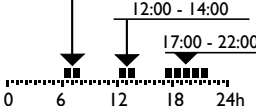
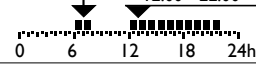
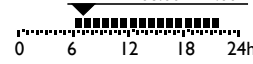
Technical data		
Supply voltage:	230V 50/60Hz	
Power consumption:	1 W	
Relay output:	1 changeover contact 8A 250V~ cos φ = 1	
Accuracy:	± 1 s /day, day under typical installation conditions	
Wire cross-sections:	single strand	multi strand
	1,5...4 mm²	1,5...2,5 mm²
Programs (saved by EEPROM)	4x predefined, 1x individual	
Running reserve:	100h for all settings	
Range of adjustment:	+7°C ... +30°C	
Frost protection temperature:	+7°C	
Storage temperature:	- 10°C to +60°C	
Ambient temperature	- 5°C to +50°C	
Operating principle:	Typ 1.B. EN 60730-1	



Use the same power supply phase for supply and relay.
For an optimal temperature control it is advisable to use a contactor when operating with a load greater than 4A.

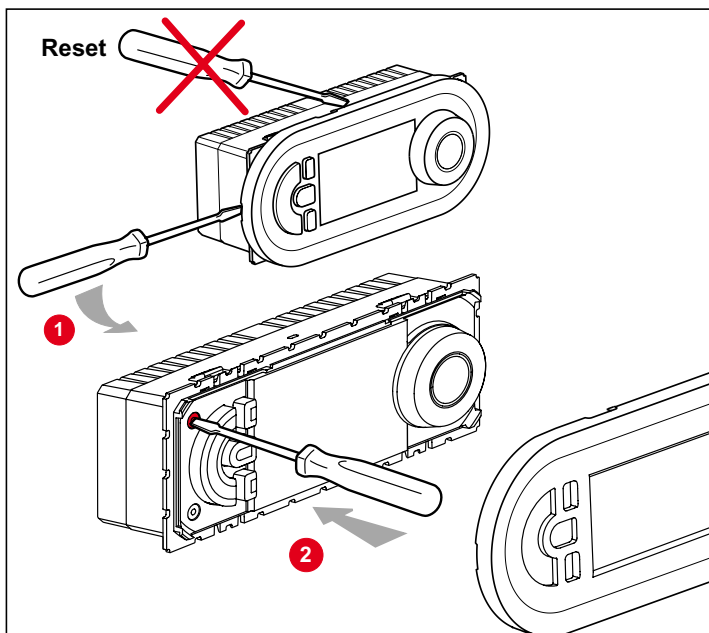
Softkey

-  Displays the MENU
-  Back
-  Information
-  Adjust number of days (1-30) of absence- and presence-mode

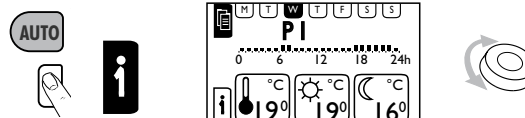
MENU																															
SETUP (PARAMETRAGE)																															
	LANGUAGE (LANGUE)	ENGLISH / DEUTSCH / FRANCAIS / ESPANOL / NEDERLANDS																													
	DATE/TIME	DATE	TIME	SUMMERTIME	EUROPE, US NONE, USER DEFINED																										
	TEMP. -SETTINGS	T° COMFORT	T° REDUCED																												
	WALL COMPENS.	+ 0.0°C																													
	PRESENCE TIME	6-22 O'CLOCK	0-24 O'CLOCK																												
	DISPLAY	CONTRAST	BRIGHTNESS																												
PROGRAMMES		Symbols  3d Presence mode - with indication of the residence days  3d Absence mode - with indication of the absence days  3d Absence-frost - with indication of the absence days  Heating engaged  manual operating mode  actual temperature  reduced temperature  comfort temperature <tr><td>P1- FULLTIME M T W T F S S 06:00 - 08:00 17:00 - 22:00  </td><td> M T W T F S S 06:00 - 22:00  SELECT INFO MODIFY RESET </td></tr> <tr><td>P2- UNEMPLOYED M T W T F S S 06:00 - 22:00  </td><td> SELECT INFO MODIFY RESET </td></tr> <tr><td>P3- SCHOOL M T W T F S S 06:00 - 08:00 12:00 - 14:00 17:00 - 22:00  </td><td> M T W T F S S 06:00 - 22:00  SELECT INFO MODIFY RESET </td></tr> <tr><td>P4- PART-TIME M T W T F S S 06:00 - 08:00 12:00 - 22:00  </td><td> M T W T F S S 06:00 - 22:00  SELECT INFO MODIFY RESET </td></tr> <tr><td>P5- USER DEF.</td><td>USER DEFINED</td><td colspan="4">CREATE / SELECT INFO, MODIFY, DELETE</td></tr> <tr><td>OPTIONS</td><td>INFO</td><td colspan="4">THERM PROG dd/mm/yyyy VERSION xx</td></tr> <tr><td></td><td>RESET SETTINGS</td><td colspan="4"></td></tr>				P1- FULLTIME M T W T F S S 06:00 - 08:00 17:00 - 22:00 	M T W T F S S 06:00 - 22:00  SELECT INFO MODIFY RESET	P2- UNEMPLOYED M T W T F S S 06:00 - 22:00 	SELECT INFO MODIFY RESET	P3- SCHOOL M T W T F S S 06:00 - 08:00 12:00 - 14:00 17:00 - 22:00 	M T W T F S S 06:00 - 22:00  SELECT INFO MODIFY RESET	P4- PART-TIME M T W T F S S 06:00 - 08:00 12:00 - 22:00 	M T W T F S S 06:00 - 22:00  SELECT INFO MODIFY RESET	P5- USER DEF.	USER DEFINED	CREATE / SELECT INFO, MODIFY, DELETE				OPTIONS	INFO	THERM PROG dd/mm/yyyy VERSION xx					RESET SETTINGS				
P1- FULLTIME M T W T F S S 06:00 - 08:00 17:00 - 22:00 	M T W T F S S 06:00 - 22:00  SELECT INFO MODIFY RESET																														
P2- UNEMPLOYED M T W T F S S 06:00 - 22:00 	SELECT INFO MODIFY RESET																														
P3- SCHOOL M T W T F S S 06:00 - 08:00 12:00 - 14:00 17:00 - 22:00 	M T W T F S S 06:00 - 22:00  SELECT INFO MODIFY RESET																														
P4- PART-TIME M T W T F S S 06:00 - 08:00 12:00 - 22:00 	M T W T F S S 06:00 - 22:00  SELECT INFO MODIFY RESET																														
P5- USER DEF.	USER DEFINED					CREATE / SELECT INFO, MODIFY, DELETE																									
OPTIONS	INFO					THERM PROG dd/mm/yyyy VERSION xx																									
	RESET SETTINGS																														

Symbols

-  Presence mode - with indication of the residence days
-  Absence mode - with indication of the absence days
-  Absence-frost - with indication of the absence days
-  Heating engaged
-  manual operating mode
-  actual temperature
-  reduced temperature
-  comfort temperature

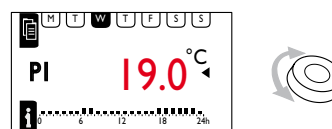


Program information

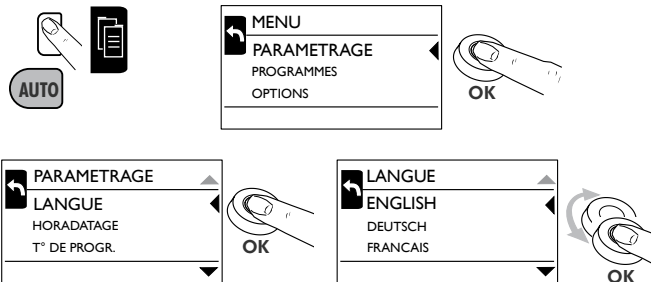


Manual regulation

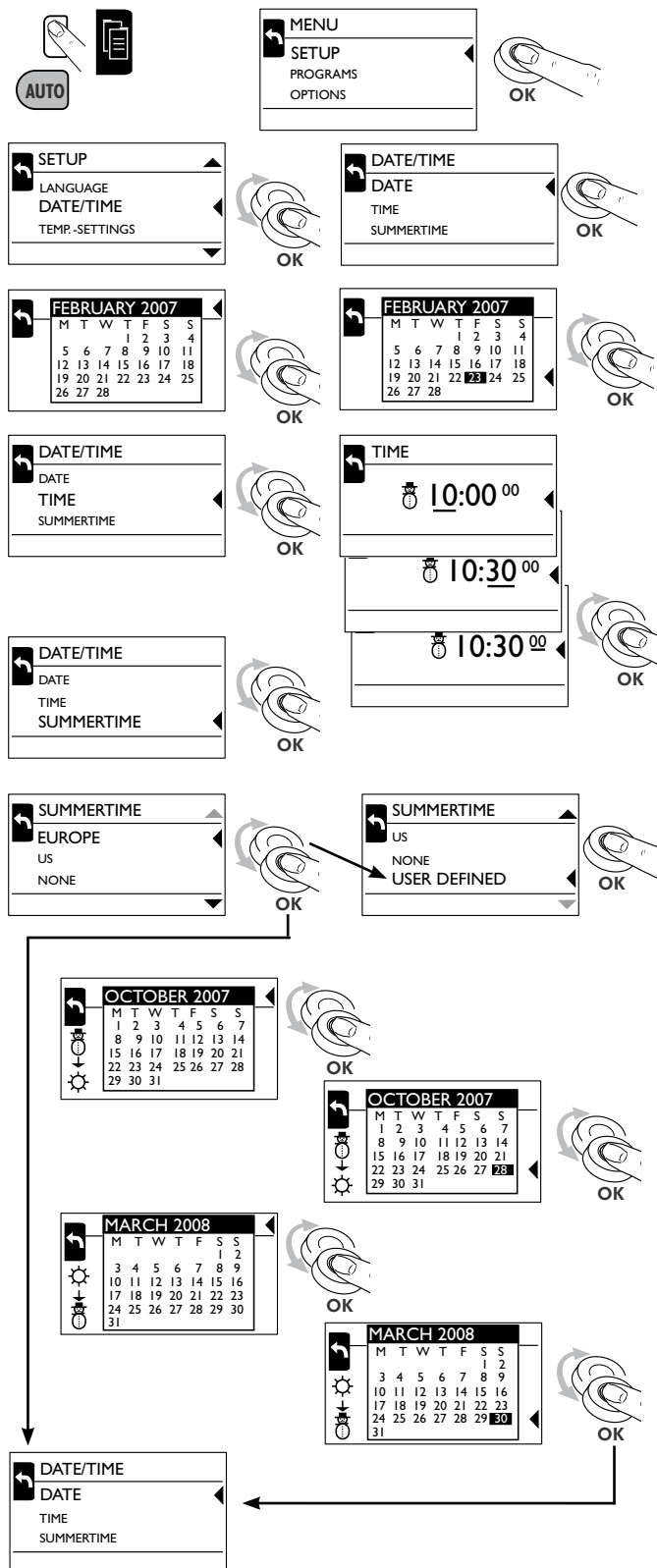
Modifies the setpoint directly in steps of 0,5 °C; this action doesn't affect the chosen mode. With the next automatic switching, either due to a program or because of a return to the auto mode, the set-point is set back to the pre-selected value.



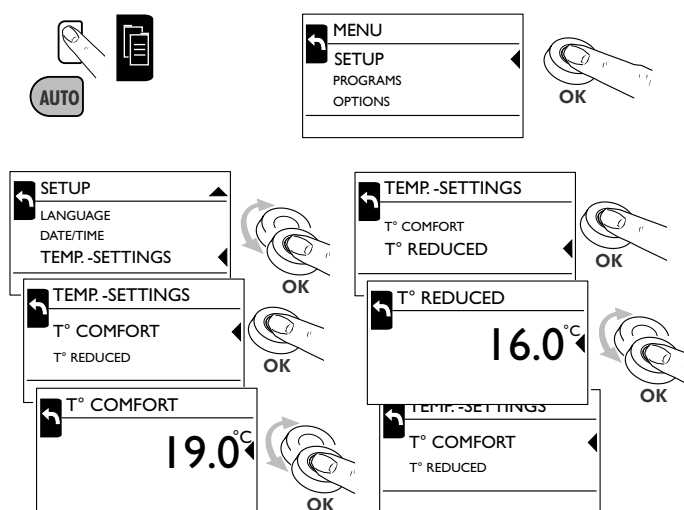
Select language



Time, date and summertime (Daylight saving time)

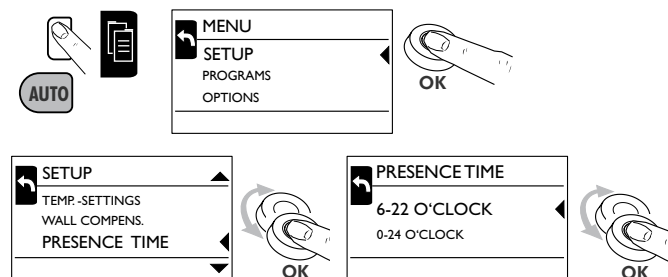


Temperature setting



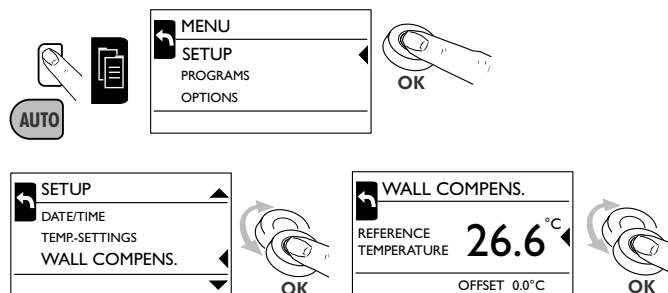
Comfort time when present

Comfort range setting

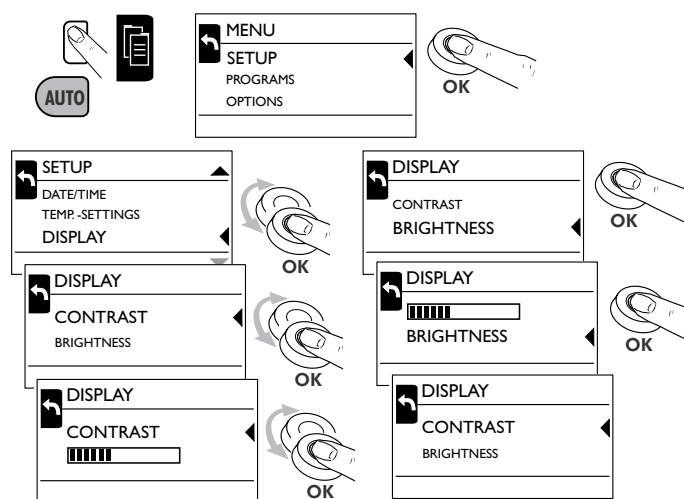


Wall compensation

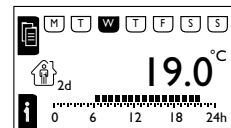
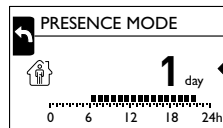
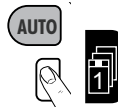
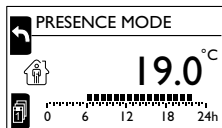
The wall compensation enables the difference to be adjusted if the temperature values differ from the room temperature.



Contrast/brightness adjustment



Presence mode



Activates the comfort level between 6:00-22:00/0:00-24:00, the rest of the day the reduced level is active. This mode can be initiated for an unlimited time or for a number of days between 1 and 30.

If button is not pressed for 20s or button OK is pressed after the display of presence mode screen, an unlimited number of days will be set.

Adjust number of days (1-30) of presence-mode

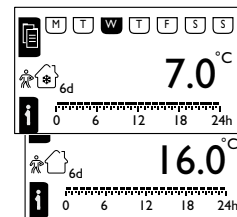
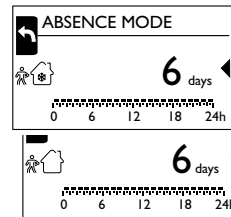
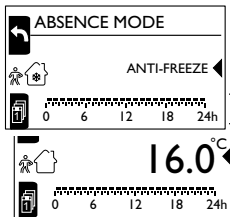
After expiration of the adjusted days or pressing the key AUTO returns to AUTO mode.

Absence mode



During the absence mode the reduced

or the frost protection level is activated throughout the day. The user can choose which level is actually used. This mode can be initiated for an unlimited time or for a number of days between 1 and 30.

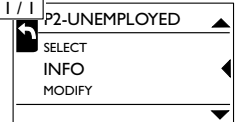
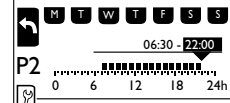
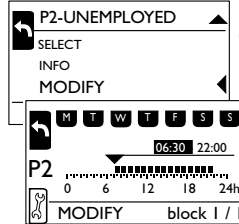
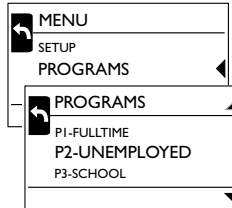


If button is not pressed for 20s or button OK is pressed after the display of presence mode screen, an unlimited number of days will be set.

Adjust number of days (1-30) of absence-mode

After expiration of the adjusted days or pressing the key AUTO returns to AUTO mode.

Modify programs Changes ON/OFF-times



Create program 5

