

Digital programmable thermostat

P411

/ Description

Wall-mounting programmable thermostat managing your comfort over time in terms of temperature to air condition domestic environments.

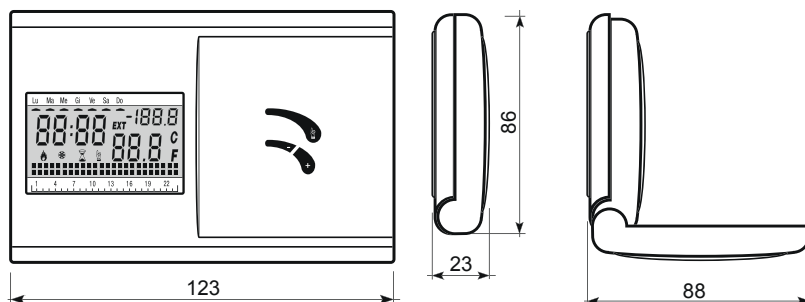
/ Functionality

- 3 functioning mode:
 - Automatic (2 operating temperature + antifreeze temperature)
 - Manual (with manual temperature)
 - Off (with antifreeze temperature)
- 4 temperature settings:
 - Antifreeze temperature
 - Energy saving temperature
 - Comfort temperature
 - Manual operating temperature
- Preset programming:
 - 7 programs for winter operation (editable)
 - 7 programs for summer operation (editable)
- Summer / winter operation
- Extension program
- Count-down program
- Range setting: minimum 1 hour
- ON-OFF and proportional type temperature regulation
- Bistable relay output with 5 A change-over contact (250 C AC)
- Flat battery indicator



/ Codes and dimensions

| Art. | Code | Voltage |
|------|------------|---------------|
| P411 | 88P4110199 | Battery Power |



/ Components

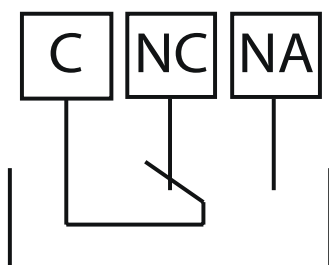


- 1 - Wall-mounting or fastening on a 503 type box or similar box
- 2 - Power supply: 3x1,5V (AAA type)
- 3 - Keyboard under the cover for setting programs and setpoint
- 4 - 2 programming possibilities:
 - Preset
 - Personalised
- 5 - Cover available in 3 colours
- 6 - Guaranteed comfort and consumption control in both winter (heating) and summer (air conditioning)
- 7 - Wide display showing operating status, time, day and internal temperature

/ Technical features

| | | |
|-------------------------------------------|---------------|------------------------|
| Battery power supply: | V DC | 3 x 1,5 V (AAA) |
| Battery life: | month | 12 |
| Charge reserve: | min | 2 |
| Fastened: | | Wall / 503 box |
| Relay capacity 205 V AC output: | A | 5 |
| Weekly: | | programming |
| Summer / winter operation: | | YES |
| Temperature settings: | | 4 |
| Temperature measurement: | °C | 0 ÷ +37,7 |
| Temperature regulation range: | Automatic °C | +2 ÷ +37,7 |
| | Manual °C | +2 ÷ +37,7 |
| | Antifreeze °C | +2 ÷ +15 |
| Gap between two temperature measurements: | s | 60 |
| Daily resolution: | h | 1 |
| Regulation type: | | ON-OFF or proportional |
| Temperature resolution: | °C | 0,1 |
| Differential: | °C | 0,3 |
| Operating temperature: | °C | 0 ÷ +50 |
| Storage temperature: | °C | -10 ÷ +65 |
| Protection: | IP | 40 |

/ Wiring diagram



/ Applicable standards

Compliance with Community Directives: 2006/95/CE (Low Voltage) and 2004/108/CE (E.M.C.) is declared with reference to the following standards:

- Safety: CEI EN 60730-2-7 / CEI EN 60730-2-9
- Compatibility E.M.: CEI EN 55014-2 / CEI EN 55014-1.