



PH10



PLATE CONTROLLER WITH ELECTRONIC CONTROL FOR ELECTRIC RADIATOR WITH DRY INERTIA

Analogue controller at mid-height, with or without pilot wire, left decorative plate supplied

Overview

Main feature

- Ambient temperature control
- Desired temperature setting
- Power On / Standby
- Operating modes selection
- Remote programming by means of a 6-order pilot wire

Application

- Electric radiator with dry inertia

Benefits

- **"Smart" electronic controller** this means stable and accurate temperature in the room all year round
- **Robust:** the triac zero crossing switching system optimize product life time
- **Easy to use**

Functional specifications

Use



| | |
|---------------------------|---|
| Heating On/Off | |
| Operating modes | Auto, Comfort, Eco, Frost protection, Standby mode |
| Set temperature | Adjustable from +7°C to +30°C, with visible Comfort range approximately 20°C |
| Safety | <ul style="list-style-type: none"> - Child safety: two knobs enable you to lock the settings - Internal protection against overheating faults |
| Led status | Indicate mains presence, heating on |
| Ergonomic settings | Two ergonomic rotary knobs enable easy selection of the heating mode and of the desired temperature |

Installation

Plate assembly directly on the radiator

Connection to the heating electric cartridge by faston



Technical specifications

Dimensional and finish specifications

| | |
|------------|--------|
| Height | 560 mm |
| Width | 91 mm |
| Depth | 41 mm |
| Color | White |
| Net weight | 0.4 Kg |

Power supply

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|-------------------|----------------------|
| Operating voltage | 230VAC +/- 10% 50Hz |
| Maximum power | 2000W resistive load |
| Power cord | 1000mm: 3 conductors |

Control

| | |
|--------------|--|
| Control type | Electronic TPI (Time Proportional and Integral) control, triggered by a triac |
|--------------|--|

Environment

| | |
|-----------------------------------|---|
| Protection rating | IP24 after installation under the responsibility of an integrator |
| Class | Class II after installation under the responsibility of an integrator |
| Operating temperature | 0°C to +40°C |
| Temperature setting range | +7°C to +30°C |
| Storage temperature | -20°C to +70°C |
| NTC electronic temperature sensor | |

Applicable directives

| | |
|------|------------|
| EMC | 2014/30/EU |
| LVD | 2014/35/EU |
| RoHS | 2011/65/EU |

Applicable standards

| | |
|---------------|---|
| EMC | EN55014-1 ; EN55014-2 ; EN61000-3-2 ; EN61000-3-3 |
| LVD | EN60335-1 ; EN60335-2-30 ; EN62233 |
| RoHS | EN50581 |
| Manufacturing | On certified site ISO 9001 V2008 |

Product code

| Code | Description |
|--------------|--|
| COAPH010A2PA | White analogue right-hand plate control for radiator with dry inertia, Class II, with pilot wire and left decorative plate |

Decorative left-hand column available on request.

Product customization (style, features) possible on request. Please contact us.