



PH6



## CONTROLLER FOR ELECTRIC RADIATOR WITH FLUID INERTIA

Analogue controller at mid-height, with or without 6-orders pilot wire

### Overview

#### Main features

- Ambient temperature control
- Desired temperature setting
- Power On / Standby
- Operating modes selection

#### Application

- Electric radiator with fluid inertia

#### Benefits

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

## Functional specifications

### Use



<b>Power on/Standby</b>	
<b>Desired temperature setting</b>	Adjustable from 7°C to 30°C with visible comfort range, approximately 20°C
<b>Operating modes</b>	Auto (Programming), Comfort, Eco (Economy), Frost protection, Standby mode
<b>Safety</b>	<b>Internal protection against overheating faults by thermofuse</b> <b>Protection mode activated</b> in case of faulty detection short cut or open on cartridge circuit detection <b>Integrated dewatering system</b>
<b>Led status</b>	Indicate mains presence, heating on
<b>Relay</b>	<b>Zero crossing voltage control</b> device to reduce electromagnetic disturbances

### Installation

Housing assembly directly on the radiator

Connection to the heating electric cartridge by faston



Weekly 4-Zones programmer  
Wireless radio-wave transmission  
Sold separately



# Technical specifications

## Dimensional and finish specifications

Height	307 mm
Width	58 mm
Depth	92 mm
Color	White RAL 9016
Net weight	0,48 Kg

## Power supply

Operating voltage	230V AC +/- 10% 50Hz
Maximum power	2000W resistive load
Power cord	800mm - 3 conductors

## Control

Control type	Electronic TPI (Time Proportional and Integral) control, triggered by a triac
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## 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
<b>BXAPH006A2PA</b>	White analogue controller for radiator with fluid inertia, Class II, with pilot wire, triac and power supply cable

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