



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



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

Installation

Housing assembly directly on the radiator

Connection to the heating electric cartridge by faston



Technical specifications

Dimensional and finish specifications

Height	307 mm
Width	58 mm
Depth	92 mm
Color	White
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	RoHS 2011/65/EU, amended by Directives 2015/863/EU and 2017/2102/EU

Applicable standards

EMC	EN55014-1 ; EN55014-2 ; EN61000-3-2 ; EN61000-3-3
LVD	EN60335-1 ; EN60335-2-30 ; EN62233
RoHS	EN IEC 63000
Manufacturing	On certified site ISO 9001 V2015

Product code

Code	Description
BXAPH006A2PA	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.