



Electric Automation
Automation specialists

Riferimento: B4X-TEMDIS

Parametri selezionati Altro

Acquista da [Electric Automation Network](#)



Aurora Temperature Controller

B4X-TEMDIS

smart-house temperature controller with display Developed to fit into wall socket from Fuga, NICO an Bticino

Shows current room temperature

Shows outdoor temperature Turns on/off heating and cooling Set wanted room temperature

Energy Save through night setback temperature Channel Programming using BGP-COD-BAT The use of floor sensor is optional

Delivered with pre-programmed atd>Delivered with both white and charcoal grey pushbutton covers

Non-activated inputs and backlight indicated by orange light

Orange LED can be de-activated by an internal dip switch Activated inputs indicated by blue light

GENERAL SPECIFICATIONS

Channel programming By BGP-COD-BAT and special cable: GAP-TPH-CAB. After mounting, reprogramming can be done by removing the slim pushbutton cover and pull the switch element with a a pair of pointed pliers (see drawing next page), and connect the cable

to the connector on the back of the switch element.

No. of channels 2 needed + 3 Optional

Channel assignment I/O 1: Not programmed I/O 2: Pre-programmed to atd>I/O 3: Not programmed

I/O 4: Not programmed

I/O 5: Not programmed Enclosure Aurora 44 x 44 mechanics Environment

Degree of protection IP 20

Pollution degree 3 (IEC 60664)

Operating temperature 0° to +50°C (32° to +122°F)

Storage temperature -20° to +70°C (-4° to +158°F)

Humidity (Non condensing) 20 - 80% Weight 50 g Dimensions

Aurora (WxHxD) 44 x 44 x 26 mm

Max. wire in terminals Max. 2 x 0.75 mm²

SUPPLY SPECIFICATIONS

Power supply Supplied by smart-house

Consumption (typical)

Activated (guidelight OFF) 1.5 mA Activated (guidelight ON) 2 mA Not activated (guidelight OFF) 0.6 mA Not activated (guidelight ON) 1.1 mA

TYPE SELECTION

Supply Ordering no.

By smart-house bus B4X-TEMDIS

Delivered with both white and charcoal grey pushbutton covers. Frame not included.

Floor sensor BSO-TEMDIG is not included.

INPUT SPECIFICATIONS Sensor 1 integrated temperature sensor Range 0 - 50°C (32 - 122°F)

Precision $\pm 1^\circ\text{C}$

Floor sensor (not included) Temperature range 0 - 50°C (32 - 122°F) Cable length 4 m

Cable consists of 4 wires:

Brown Connect to "+" on Temperature controller

White Connect to "c" on Temperature controller

Yellow Connect to "d" on Temperature controller

Green Connect to "T" on Temperature controller

See wiring diagram

The floor sensor is an active 4-wire sensor and will only work together with the temperature controller unit.

Specifications are subject to change without notice (25.09.2009) - A product of the CARLO GAVAZZI Group