

AZVAF50UTPUTS - Relay Radiant Heat Control Module

Location:	Approval:
Engineer:	Date:
Submitted to:	Construction:
Submitted by:	Unit #:
Reference:	Drawing #:
Additional Info:	

MODEL DESCRIPTION

Control module of radiant heat for heating stages. Communications via Airzone connection bus of main control board. Powered by main control board. Mounted on DIN rail.

Functionalities:

- Control up to 5 zones of heating elements by means of free-voltage relays.
- Demand Relay of Pump.
- Demand Relay of Boiler.
- Identified by means of a micro-switch

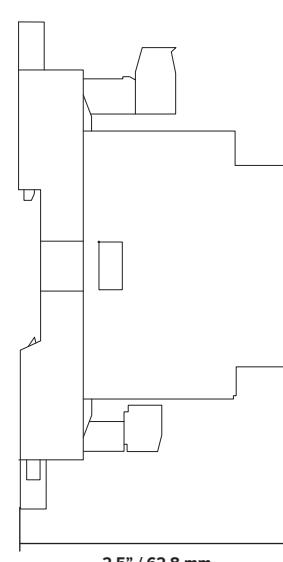
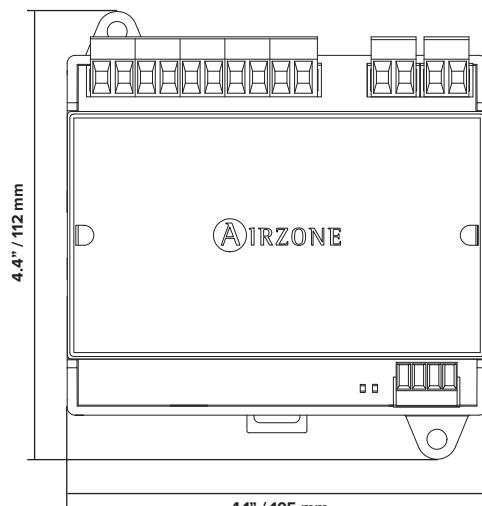


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TECHNICAL SPECS

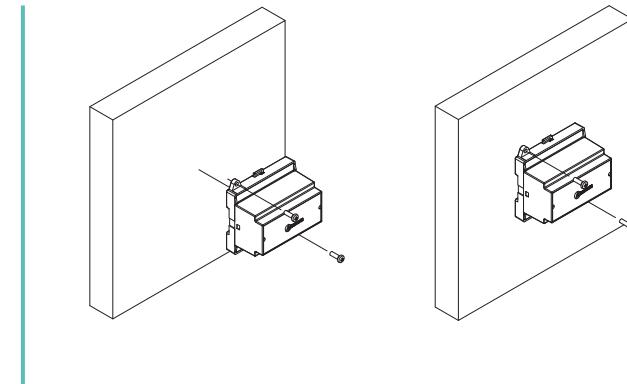
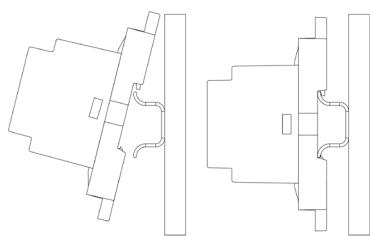
Thermostat connection	
V max	12 Vdc
I max	160 mA
Stand-by Consumption	4 W
Connection and communications	
Shielded and twisted Airzone bus cable	2 x AWG 23 + 2 x AWG 20 (2 x 0.22 + 2 x 0.5 mm ²)
Maximum Distance	328 ft (100 m)
Activation relays	
N° of outputs	7
V max	24 V
I max	1 A cos θ (θ > 0,6)
Mechanical aspects	
Assembly	On DIN rail
Weight	0.507 lb (0.23 kg)
In DIN units	6
Maximum Operating Height	6561.7 ft (2000 m)

DIMENSIONAL DRAWINGS

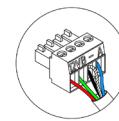
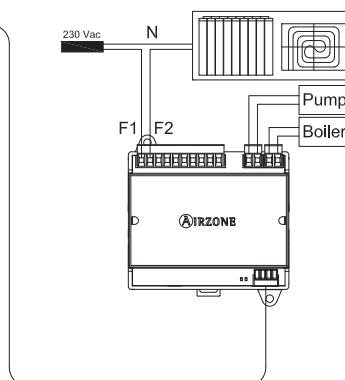
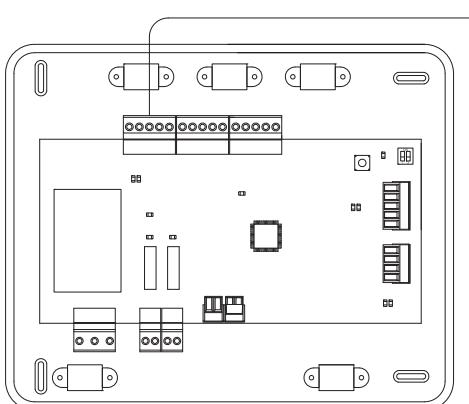


INSTALLATION

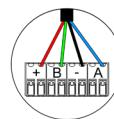
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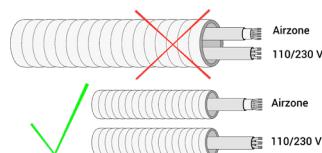
2



A Blue
— Black
B Green
+ Red



A Blue
— Black
B Green
+ Red



Relays: 1 A @ 24VAC, dry contacts. If higher power is required for control, use external contactors of appropriate capabilities.

ACCESORIES

- AZX6CBLBUS300FT - Airzone Shielded Bus Cable UL444 (2x0.22 mm² + 2x0.5 mm²; 100m / AWG 23-2 wired + AWG 20-2 wired; 300ft)



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