

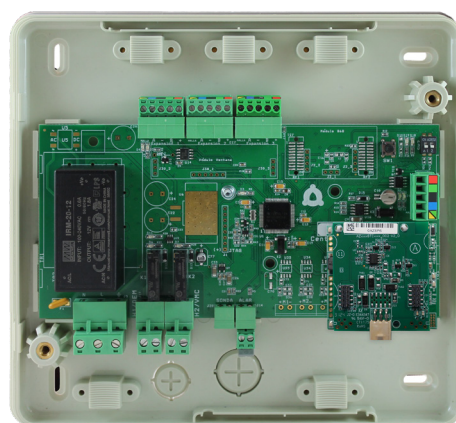
AZVAFCB2LGE - Control board with LG communication

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

MODEL DESCRIPTION

Configurable electronic board with a communication gateway, that controls the system through wired and wireless devices. Externally powered at 110/230 Vac. Wall mounted. Functionalities:

- Controls the status of the thermostats (up to 10 zones).
- Controls the proportionality and the minimum air supply of the dampers.
- Control of optional auxiliary heat (up to two stages).
- Management of the control gateway.
- Communication with units of integral control of the installation.
- Communications with other external control systems through integration bus.



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TECHNICAL SPECS

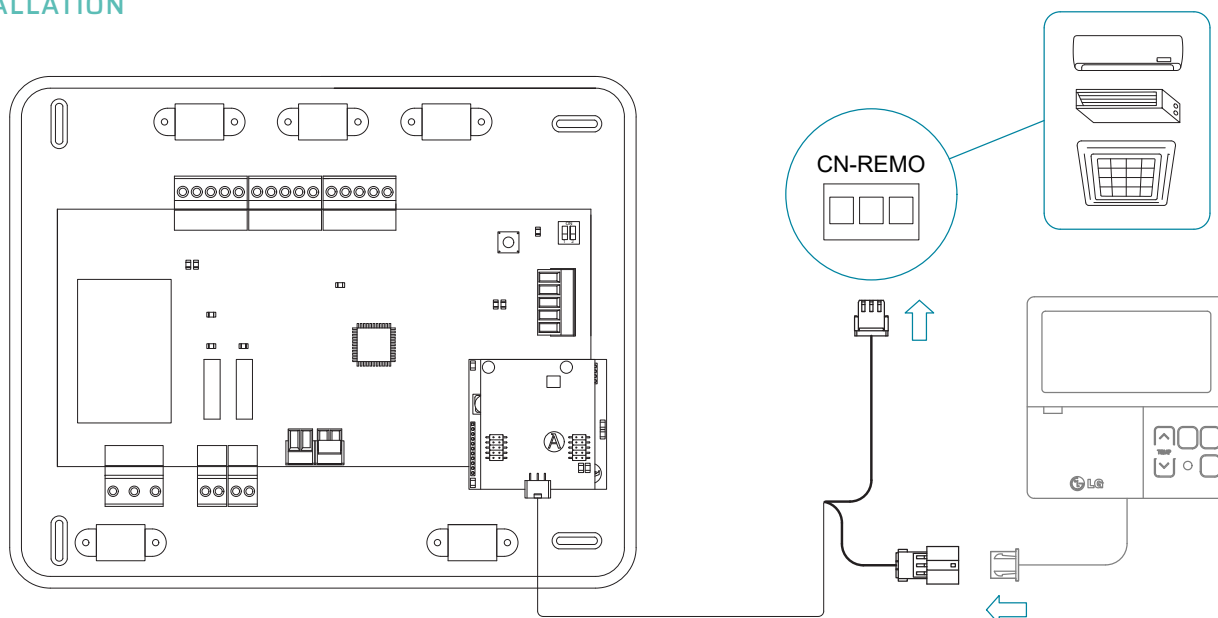
Power supply and consumption	
Type of power supply	Vac
V max	110 / 230 Vac
I max	250 mA
Frequency	60 / 50 Hz
Stand-by consumption	400 mW
Module over-current protection	250 mA
Airzone connection bus	
N° of ports	3
Shielded twisted pair	AWG 23 - 2 wired + AWG 20 - 2 wired (2 x 0.22 + 2 x 0.5 mm ²)
V max	12 V
AC unit bus	
N° of ports	1
Shielded twisted pair	AWG 20 - 4 wired (2 x 0.22 + 2 x 0.5 mm ²)
V max	12 V
Automation bus	
N° of ports	1
Shielded twisted pair	AWG 20 - 4 wired (2 x 0.22 + 2 x 0.5 mm ²)
Communications protocol	MODBUS RS-485 Par - 19200 bps

Relay outputs	
N° of relays	2
V max	48 V
I max	1 A
Digital inputs	
N° of inputs	1
State	Voltage-free
Protection by probe	
Type of probe	NTC
Reading accuracy	1 °F (0.1°C)
Operating temp.	
Storage	- 4 ... 158 °F (- 20 ... 70 °C)
Operation	32 ... 113 °F (0 ... 45 °C)
Mechanical aspects	
Protection class	IP 20
Weight	1.36 lb (616 g)
Maximum Operating Height	6561.7 ft (2000 m)

DIMENSIONAL DRAWINGS



INSTALLATION



For AZVAFCB2LGE, the indoor unit's thermostat must stay disconnected.

SPARE PARTS

- AZPV8WIRE01 - Connection to Indoor unit 8.2 ft (2.5 m) / AWG 24 - 6 wired (6x0.2 mm²)
- AZX8GTCLGE - Airzone-LG controller Gateway

ACCESORIES

- AZPV8WIREU - Universal 6-pin 8.2 ft (2.5 m) extension cable for Airzone gateway / Aidoo



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