

AZX6WSPHUB - Webserver HUB Airzone Cloud Dual

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

MODEL DESCRIPTION

Webserver for controlling Airzone systems through Airzone Cloud platform. Accessible through browser or App (available for IOS and Android). Dual WiFi 2.4/5Ghz or Ethernet connection. Powered through domotic bus. Mounted on DIN rail or on wall. Functionalities:

- Control of up to 32 systems.
- Configuration and control of zone parameters (Room and set-point temp., operating mode, etc.) and system parameters via Airzone Cloud.
- Associated with router through the app via Bluetooth.
- Multi-user and multisession.
- Port for integration via Modbus or BACnet MS/TP protocol.
- Allows configuration as Lutron gateway and BACnet IP.
- Integration via local API/mDNS (mDNS ON by default on the device).
- Remote updates of the Webserver firmware and the systems connected to it.
- Remote error detection and error resolution.



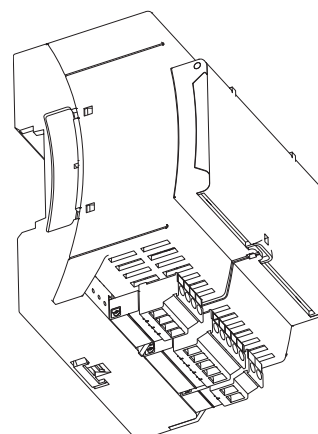
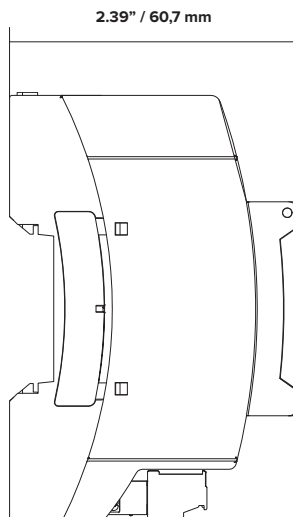
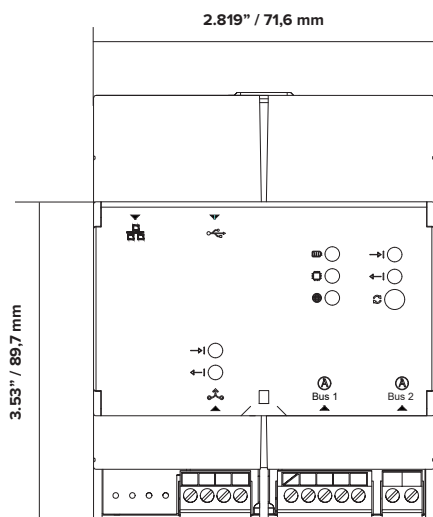
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TECHNICAL SPECS

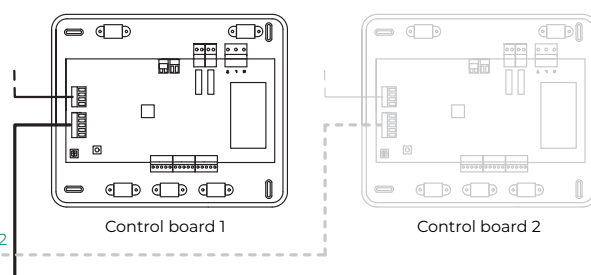
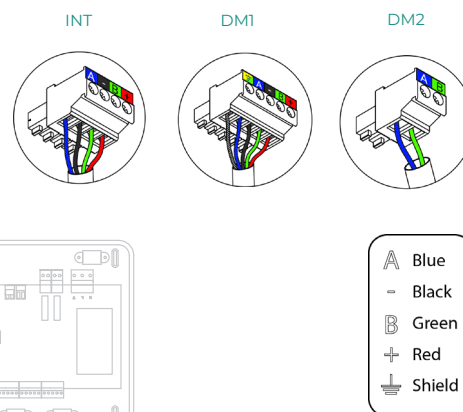
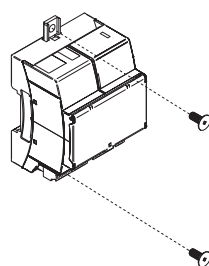
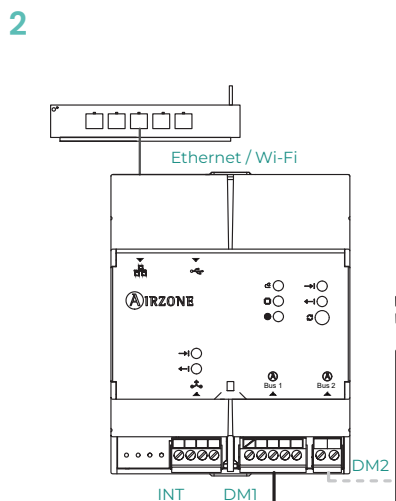
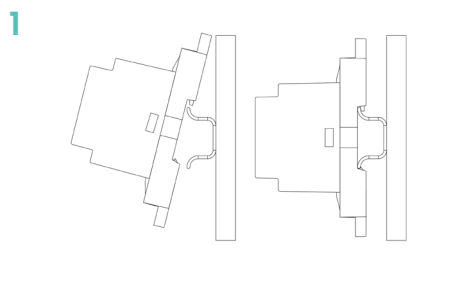
Power supply and consumption	
V max	12 Vdc
I max	1.1 A
Consumption	Stand-by: 1.3 W / Max. 13.2 W
DM1 - DM2	
Shielded twisted pair	DM1: 2 x AWG 23 + 2x AWG 20 (2 x 0.22 + 2 x 0.5 mm ²) DM2: 2 x AWG 23 (2 x 0.22 mm ²)
Communications protocol	MODBUS RS-485 Par – 19200 bps
INT	
Shielded twisted pair	2 x AWG 23 + 2x AWG 20 (2 x 0.22 + 2 x 0.5 mm ²)
Communications protocol	MODBUS RS-485 Par – 19200 bps BACnet MS-TP
Maximum distance	328 ft (100 m)
Vmax	12 Vdc
I max	150 mAW
WiFi	
Protocol	Wi-Fi CERTIFIED™ 802.11a/b/g/n/ac
Frequency	2.4 GHz (max. 150 Mbps) / 5 GHz (max. 433 Mbps)

Maximum power	19.5 dBm
Maximum distance	328 ft (100 m)
IP address by default	DHCP
Ethernet	
Type of cable	Min. UTP cat 5
Standard	100BASE-TX
IP address by default	DHCP
Bluetooth	
Protocol	Bluetooth v5.0 BR/EDR and BLE specification
Bluetooth class	Class-1, class-2 and class-3 transmitter
Operating temperatures	
Storage	-4 ... 158 °F (-20 ... 70 °C)
Operation	32 ... 113 °F (0 ... 45 °C)
Operating humidity range	5 ... 90% (non-condensing)
Mechanical aspects	
Protection class	IP 21
Weight	0.29 lb (130 g)
In DIN units	4

DIMENSIONAL DRAWINGS



INSTALLATION



ACCESSORIES

- 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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