

PRODUCT SUBMITTAL

AtmosCOMMS/BMS



APPLICATION

The AtmosCOMMS/BMS is an interconnectivity module that allows AtmosAir's Bi-Polar Ionization units to be monitored from a building's BMS (Building Management System). AtmosCOMMS/BMS allows 500 Series, Matterhorn Series, and FC-400 Series to be turned on and off remotely from a central location with an airswitch. It also allows continuous monitoring of the ionization system for function. The unit is a modular, adaptable system that mounts near an AtmosAir ionization device on the outside of a duct or AHU. AtmosCOMMS/BMS is supplied with a field wiring power cord.

Figure 1

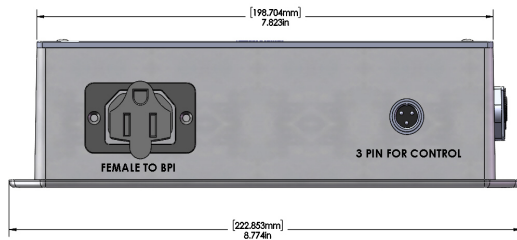
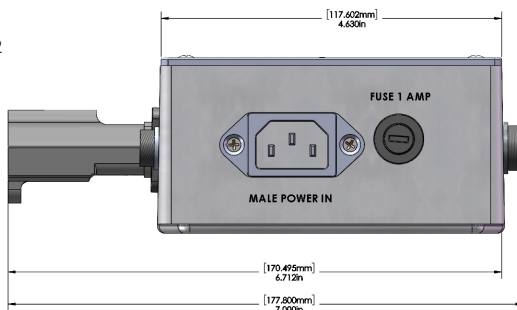


Figure 2



SPECIFICATIONS

General Product Information

Housing Material	UL-94-V0 Rated, High Impact Strength ABS
Weight	0.76 kg (1.70 lbs)
Max Operation Temperature	54.5°C (130°F)

Included Accessories

Plug	Universal Adapter
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*Optional: Special Order

Voltage	240 VAC (Available to Order) 50 Hz
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Electrical

Voltage	110 to 240 VAC (Auto Switching)
Frequency	60 Hz
Power Consumption	0.6 Watts
Current Draw	0.03 Amps (30 mA)
Fuse	1 Amp

Field Electrical Connection

BMS 'Monitor' 2 pin aircraft steel connector, screwtype. No polarity required; 203.2mm (8") wire pig-tails 21 gauge AWG included; BMS 'Control' 3 pin aircraft steel connector, screwtype. No polarity required. Ground pin not used; (203.2mm (8") wire pigtails 21 gauge AWG included; Power input; Country specific power cord set into universal computer-type Female C-30 receptacle, 3 pin; Power out to BPI device; universal computer-type Male receptacle, 3 pin to Nema 5-15 adapter supplied. Power cord specific (Field Wiring).

Dimensions (See Figures 1, 2, 3)

Approvals

Underwriters Laboratories Inc. UL-94-V0 Rated

Figure 3

