

Voltage Output Module (VOM)

Wireless Temp.
and/or Humidity

F11

Rev. 06/26/08

Features & Options

The Voltage Output Module (VOM) converts the data from the Wireless Receiver into a linear 0-5 volt or 0-10 volt signal for the DDC controller.

The VOM receives data from a 418 or 900 MHz Receiver through a four-wire bus. Up to 127 different Output Modules can be connected to a single receiver to send multiple variables to the controller.

The VOM is easily trained to a single transmitter variable with a pushbutton and LED. The VOM is surface, 2.75" snaptrack or 35mm din rail mountable.

°F PART NUMBERS:

ALC/VOM-05-C: 0-5V Output, 50 to 90°F Temp. Range
ALC/VOM-05-D: 0-5V Output, 55 to 85°F Temp. Range
ALC/VOM-05-E: 0-5V Output, 60 to 80°F Temp. Range
ALC/VOM-05-F: 0-5V Output, 65 to 80°F Temp. Range
ALC/VOM-05-G: 0-5V Output, 45 to 96°F Temp. Range
ALC/VOM-05-H: 0-5V Output, -20 to 120°F Temp. Range
ALC/VOM-05-KK: 0-5V Output, 32 to 185°F Temp. Range
ALC/VOM-05-MM: 0-5V Output, -40 to 140°F Temp. Range

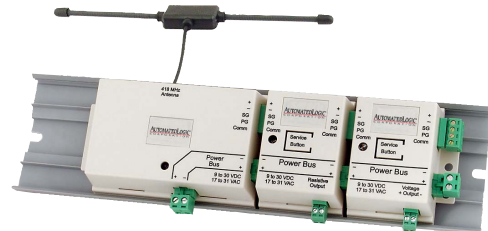
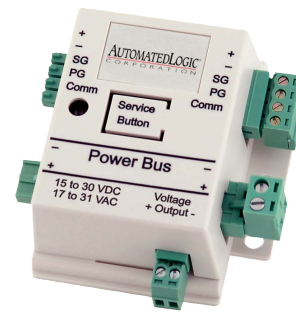
°C PART NUMBERS:

ALC/VOM-05-C-C: 0-5V Output, 10 to 32°C Temp. Range
ALC/VOM-05-D-C: 0-5V Output, 13 to 30°C Temp. Range
ALC/VOM-05-E-C: 0-5V Output, 15 to 27°C Temp. Range
ALC/VOM-05-F-C: 0-5V Output, 18 to 27°C Temp. Range
ALC/VOM-05-G-C: 0-5V Output, 7 to 35°C Temp. Range
ALC/VOM-05-H-C: 0-5V Output, -29 to 49°C Temp. Range
ALC/VOM-05-KK-C: 0-5V Output, 0 to 85°C Temp. Range
ALC/VOM-05-MM-C: 0-5V Output, -40 to 60°C Temp. Range

%RH PART NUMBERS:

ALC/VOM-05-M: 0-5V Output, 0-100% RH
ALC/VOM-05-N: 0-5V Output, 35-70% RH

Voltage
Output
Module
(VOM)



418 MHz Receiver with two
Analog Output Modules

DIN RAIL MOUNTING:

Add "-35DIN" to the end of any part number at left for 35mm Din Rail Mounting

Example: ALC/VOM-05-C-35DIN (0-5 V Output, 50-90°F Temp. Range, 35mm Din Rail Mounting)

Specifications for Voltage Output Modules

Supply Power: 9-30 VDC or 17-31 VAC

Output Voltage Range: 0-5 Volts

Output Current: 1 mA max

Power Consumption:
3 mA max. DC, .1 VA max AC

Bus Cable Distance:
4,000 ft with shielded, twisted pair cable (Belden 9841, Belden 8132 or equivalent)

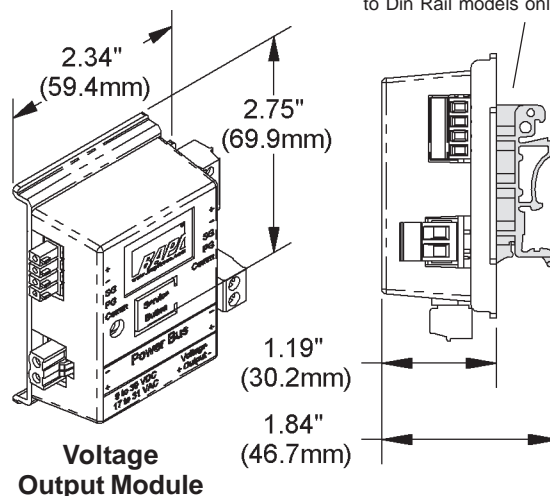
Output Resolution: 10 bit

Environmental Operation Range:
Temp: 32°F to 140°F (0°C to 60°C)
Humidity: 5% to 95% RH non-condensing

Material: ABS Plastic

Material Rating: UL94, V-0

Gray shaded area applies to Din Rail models only



Voltage
Output Module



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