

AMC-1BREF Series

Single/Dual Channel Refrigerant Gas Monitor

The AMC-1BREF Series Gas Monitor provides a specialized package for refrigerant monitoring applications. Incorporating micro-controller based design, it provides accuracy, durability, and ease of use within a compact package. The monitor supports up to 2 external input channels that can be configured to work with any 3 wire 4-20mA sensor/transmitters.

The AMC-1AREF monitor is designed to work with the AMC-RAM-4 series of remote alarm modules to provide the functionality required for CSA B52 and ASHRAE 15 compliant monitoring systems

SPECIFICATIONS

User Interface

Keypad: 3 Button

Indicators: OLED Display (8 lines x 20 characters)
LEDs for Sensor, Operation, Fault

Electrical

Supply Voltage: 120VAC 60 Hz

Relay Contacts: 3 DPDT 10A @ 250 VAC Res.

Mechanical

Enclosure: UV Stabilized Polycarbonate

Flammability Rating: UL94V-0

IP Rating: IPx5

Dimensions: 11.750" L x 9.980" W (298.45mm x 253.49mm) X 5.460" (138.68mm)

Operating Temperature: -20°C to 40°C
-4°F to 104°F

Approvals:



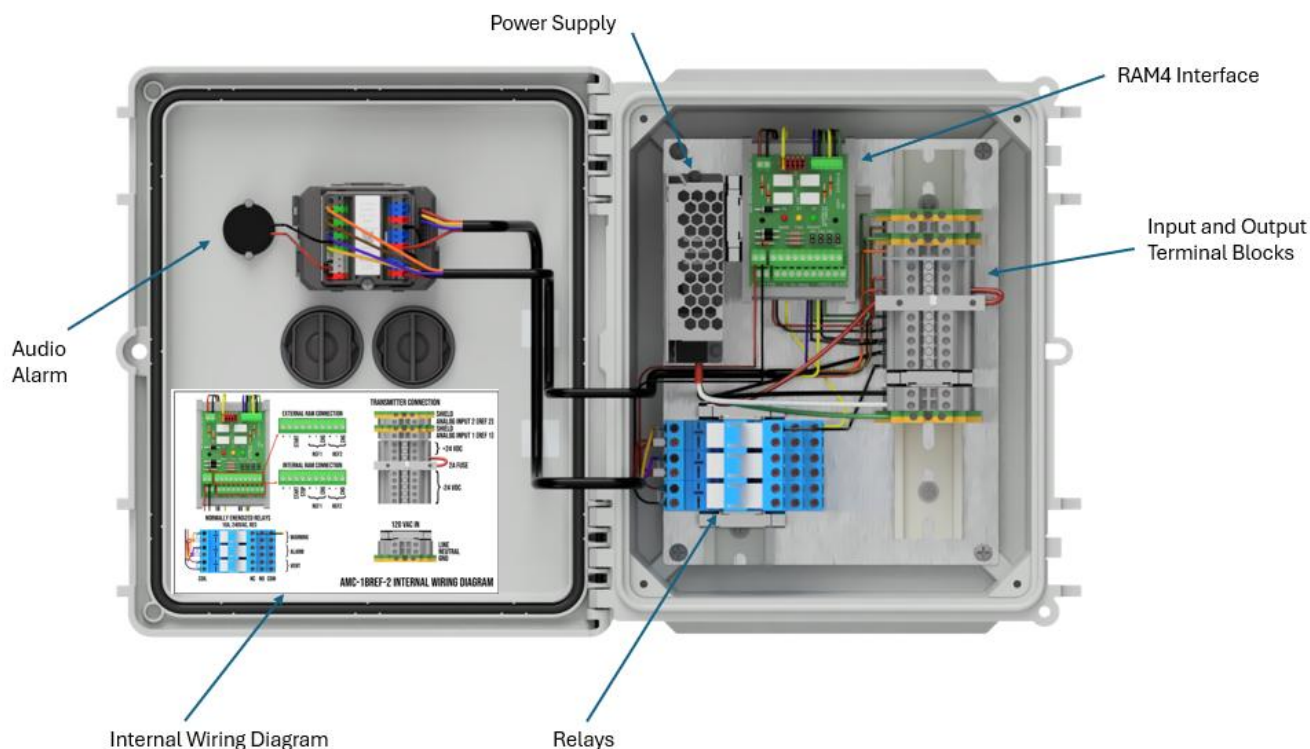
FEATURES

- Alarms disabled during warm up
- System test option in Menu
- Audio Alarm: 90dBA at 2ft (60cm)
- Lockable enclosure with hinged door

ORDER CODES

- AMC-1BREF-1: Single Channel Refrigerant Monitor
- AMC-1BREF-2: Dual Channel Refrigerant Monitor

AMC-1BREF Diagram (2 Channel version shown)



Warranty: All Armstrong Monitoring equipment is warranted against defects in materials and workmanship for two years from date of delivery, with the exception of sensors. Please contact factory for specific sensor warranty. During the warranty period, we will repair or replace components that prove, in our opinion, to be defective. We are not liable for auxiliary interfaced equipment, nor consequential damage. All warranty returns require a return authorization number. For more information please refer to our Terms & Conditions. Note: Due to ongoing product development, the manufacturer reserves the right to change specifications without prior notice. The information contained herein is based on data considered accurate. However, no warranty is expressed or implied regarding the accuracy of this data. A variety of factors, not limited to variances in temperature, humidity, pressure, vibrations, EMI/RF may impact on the performance of the equipment. Testing within harsh or unusual environments is recommended. Please contact the factory for assistance with field validation trials. Published sensor data was obtained using a raw sensor in controlled conditions; actual performance may vary due to site conditions.