

MGS-402 Gas Detection Controller

2-Channel Controller for Refrigerant, Toxic, and Combustible Gas Detection

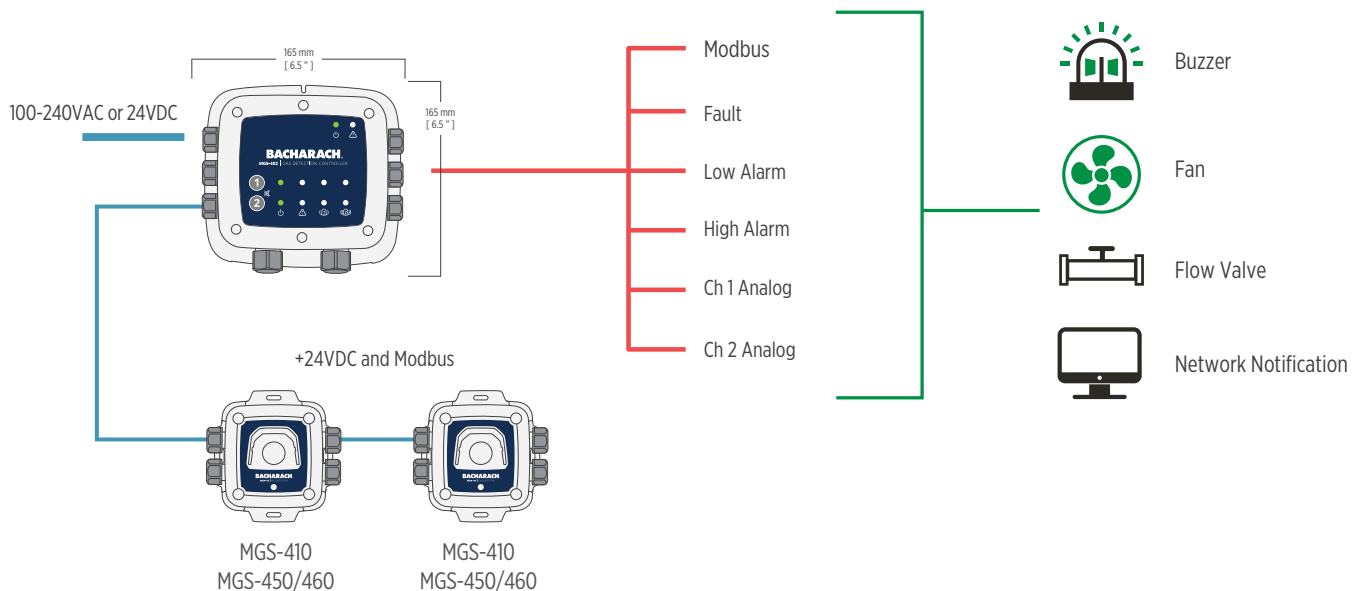


MSA Bacharach's MGS-402 Gas Detection Controller centralizes the status of up to two MGS-400 Series Gas Detectors and provides a complete package for your safety compliance application. On the front panel of the MGS-402, a bank of LEDs displays the power, alarm status, and fault indicators for each connected gas detector; showing power, alarm status and fault indicators.

The MGS-402 can provide the power requirements for up to two gas detectors, which can be daisy-chained with Modbus communication to each gas detector; simplifying and reducing the cost of installation.

Combining the MGS-402 Gas Detection Controller with Bacharach's MGS-400 Series Gas Detectors provides a complete, single source gas detection system with an easy means of achieving compliance with refrigeration safety standards such as ASHRAE 15/34, EN378* and CSA-B52.

- Centralized power and alarming for up to 2 connected MGS-410 Gas Detectors (can also work with MGS-450 & MGS-460)
- Modbus RTU Master / Slave provides seamless integration from connected
- Gas detectors to third-party BMS / BAS
- Audible and visual alarms enable compliance with ASHRAE 15/34, EN378* and CSA-B52
- 2x analogue output 4 to 20 mA, 0 to 5 V, 0 to 10 V, 1 to 5 V, 2 to 10 V - selectable
- Enclosure rating IP66
- No additional hardware required



More Information:

Scan the QR code to learn more about the MGS-402 and other MSA Bacharach products.

SAFEGUARDING PEOPLE, PLACES & THE PLANET.

MGS-402 Gas Detection Controller Specifications

MAIN POWER	24V DC/100-230V AC
MAX NUMBER OF SENSOR INPUTS	2
ANALOG OUTPUTS	2 - Configurable*
RELAY OUTPUTS (ALARMS)	Low and High
RELAY POWER	10A @ 240V AC/30V DC
DEDICATED FAULT RELAY	1
ALARM SILENCE	Button on Controller or Remote
REMOTE BEACON / AUDIBLE	Optional Accessory
DISTANCE TO SENSOR	< 305m (1000ft.)
POWER TO SENSORS	Yes
COMMUNICATIONS	Modbus RTU
VISUAL ALARM	High Intensity, bezel mounted visual alarm, Channel status Tri-Color LEDs
AUDIBLE ALARM	Yes
PART NUMBER	H6702-8020

*4-20mA, 0-5V, 1-5V, 0-10V, 2-10V DC - selectable, ** Mounts to and is powered (24VDC) by controller - no mounting or wiring cost

Our Mission

MSA's mission is to see to it that men and women may work in safety and that they, their families, and their communities may live in health throughout the world.

MSA: WE KNOW WHAT'S AT STAKE.

Note: This Bulletin contains only a general description of the products shown. While product uses and performance capabilities are generally described, the products shall not, under any circumstances, be used by untrained or unqualified individuals. The products shall not be used until the product instructions/user manual, which contains detailed information concerning the proper use and care of the products, including any warnings or cautions, have been thoroughly read and understood. Specifications are subject to change without prior notice. MSA is a registered trademark of MSA Technology, LLC in the US, Europe, and other Countries. For all other trademarks visit <https://us.msasafety.com/Trademarks>.

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