

HMZ-RM1 Multi-Zone Relay Module

16-Channel Relay Expansion Module



DESCRIPTION

MSA Bacharach's HMZ-RM1 Multi-Zone Relay Module integrates with all Multi-Zone Gas Monitors to expand the available relay capacity from four to thirty six relays when two relay modules are installed. With maximum expanded relay capacity, the Multi-Zone Monitor can provide at least two additional relays per zone with individual triggers and control a variety of horns and strobes in a facility. The HMZ-RM1 adds flexibility and reliability to any monitoring system by providing selectable input/output power, user configurable relays, and onboard status indication.

Combining the HMZ-RM1 with MSA Bacharach's Multi-Zone Gas Monitor provides the peace of mind that when a safety event or system fault occurs, all personnel in previously unreachable locations will be audibly and/or visually alerted to the event.

| Specifications | Description |
|-----------------------|---|
| ENCLOSURE RATING | Indoor Use Only, IP20 |
| OPERATING TEMPERATURE | -4 - 122°F (-20 - 50°C) |
| POWER | 100 - 240 VAC, 50/60 Hz, 60W (max); 24VDC (internal) / 30 VDC (max, External) |
| RELAYS | (16) General Purpose, SPDT relays rated 3A @ 24V |
| RELAY OUTPUT | 24VDC (internal supply) or max 30VDC (external supply) |
| SIZE (W×H×D) APPROX. | 11.8 × 15.7 × 5.9" (300 × 400 × 150mm) |
| WEIGHT APPROX. | 22 lb (10 kg) |
| CABLE ENTRIES | Gland Plate |
| APPROVALS | EN 50270:2015, EN 50271, ROHS, REACH, Prop65, MET |

| Part Number | Description |
|-------------|---------------------------------|
| 3015-6265 | HMZ-RM1 Multi-Zone Relay Module |



MORE INFORMATION:

Scan the QR code to learn about the HMZ-RM1 and other MSA Bacharach products.

HMZ-RM1 Multi-Zone Relay Module



Inputs

100 - 240 VAC
MZ Modbus



Outputs

(16 + 16) SPDT Relays
Modbus (Second HMZ-RM1)

Multi-Zone Monitors

| Part Number | Description |
|-------------|--|
| 3015-5043 | Halogen Refrigerant Monitor, 4 Zones, 120-240 VAC, 50/60 Hz Input Power |
| 3015-5044 | Halogen Refrigerant Monitor, 8 Zones, 120-240 VAC, 50/60 Hz Input Power |
| 3015-5045 | Halogen Refrigerant Monitor, 12 Zones, 120-240 VAC, 50/60 Hz Input Power |
| 3015-5046 | Halogen Refrigerant Monitor, 16 Zones, 120-240 VAC, 50/60 Hz Input Power |
| 3015-5047 | Ammonia Refrigerant Monitor, 4 Zones, 120-240 VAC, 50/60 Hz Input Power |
| 3015-5048 | Ammonia Refrigerant Monitor, 8 Zones, 120-240 VAC, 50/60 Hz Input Power |
| 3015-5049 | Ammonia Refrigerant Monitor, 12 Zones, 120-240 VAC, 50/60 Hz Input Power |
| 3015-5050 | Ammonia Refrigerant Monitor, 16 Zones, 120-240 VAC, 50/60 Hz Input Power |
| 3015-5356 | Carbon Dioxide Refrigerant Monitor, 4 Zones, 120-240 VAC, 50/60 Hz Input Power |
| 3015-5357 | Carbon Dioxide Refrigerant Monitor, 8 Zones, 120-240 VAC, 50/60 Hz Input Power |
| 3015-5358 | Carbon Dioxide Refrigerant Monitor, 12 Zones, 120-240 VAC, 50/60 Hz Input Power |
| 3015-5359 | Carbon Dioxide Refrigerant Monitor, 16 Zones, 120-240 VAC, 50/60 Hz Input Power |
| 3015-6301 | R-1150 (Ethylene, C ₂ H ₄) Monitor, 4 Zones, 120-240 VAC, 50/60 Hz Input Power |
| 3015-6302 | R-1150 (Ethylene, C ₂ H ₄) Monitor, 4 Zones, 120-240 VAC, 50/60 Hz Input Power |
| 3015-6303 | R-1150 (Ethylene, C ₂ H ₄) Monitor, 4 Zones, 120-240 VAC, 50/60 Hz Input Power |
| 3015-6304 | R-1150 (Ethylene, C ₂ H ₄) Monitor, 16 Zones, 120-240 VAC, 50/60 Hz Input Power |

Accessories

| Part Number | Description |
|-------------|-----------------------------------|
| 3015-8041 | Horn + strobe 24 V DC; blue lens |
| 3015-8043 | Horn + strobe 24 V DC; red lens |
| 3015-8042 | Horn + strobe 24 V DC; amber lens |
| 3015-6028 | RS-232C to RS-485 Adapter Kit |

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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