# GAS & SPECIALTY SENSORS

## REMOTE ACCESSORIES FOR SM-501, SL-2000, RT-3000 AND HS-100
### MS SERIES

### DESCRIPTION

The **Air Products & Controls MS Series** remote accessories are used with the **SM-501**, **SL-2000**, **RT-3000** or **HS-100** Series duct smoke detectors to provide audible and visual indication as well as remote test/reset functions.

All devices have a brushed stainless steel face plate. All devices are also designed to be mounted on a single- or double-gang box.

### FEATURES

- **Remote indication for SM-501, SL-2000,RT-3000 and HS-100 smoke detectors**
- **Available with alarm and pilot LEDs and alarm horn**
- **Available with momentary push button or maintained key-operated test/reset switch**
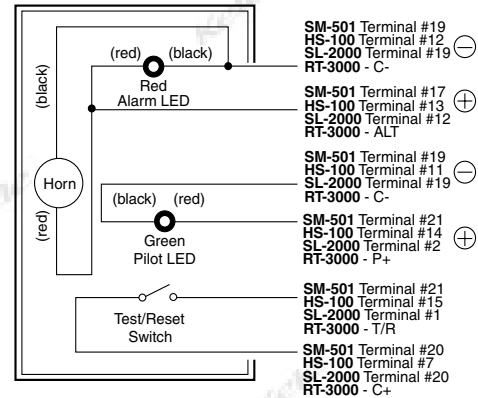- **Mounts to standard single- or double-gang box**



MS-RA    MS-RA/P    MS-RA/R    MS-RA/P/R

MS-KA/R    MS-KA/P/R    MS-RH    MS-RH/P/A

MS-RH/KA/P/R

### SPECIFICATIONS

| | |
|---|---|
| **Supply Current** | |
| Alarm LEDs | 15 mA @ 24 VDC from detector |
| Pilot LEDs | 15 mA @ 24 VDC from detector |
| Horn | 20 mA @ 24 VDC from detector |
| **Alarm Auditory** | |
| Levels [Db] | 78 db@10' (3.0m) |
| **Reset** | Normally open |
| **Wiring Terminations** | |
| LEDs/Horn | 6" (15.2cm)/24 AWG pigtails |
| Switches | 6" (15.2cm)/22 AWG pigtails |
| **Dimensions** | |
| Single-gang | 2.75"W x 4.5"H (6.9 x 11.4 cm) |
| Double-gang | 4.5"W x 4.5"H (11.4 x 11.4 cm) |
| **Weight** | 0.5 lb (0.22 Kg) maximum |
| **Approvals** | UL File #S7425 CSFM 7300-1004:107 MEA 73-92-E, Vol. 25 |
| **Warranty** | 3 years |

### WIRING



| | |
|---|---|
| SM-501 Terminal #19 HS-100 Terminal #12 SL-2000 Terminal #19 RT-3000 - C- | − |
| SM-501 Terminal #17 HS-100 Terminal #13 SL-2000 Terminal #12 RT-3000 - ALT | + |
| SM-501 Terminal #19 HS-100 Terminal #11 SL-2000 Terminal #19 RT-3000 - C- | − |
| SM-501 Terminal #21 HS-100 Terminal #14 SL-2000 Terminal #2 RT-3000 - P+ | + |
| SM-501 Terminal #21 HS-100 Terminal #15 SL-2000 Terminal #1 RT-3000 - T/R | |
| SM-501 Terminal #20 HS-100 Terminal #7 SL-2000 Terminal #20 RT-3000 - C+ | |

**Note:** If duct smoke detectors are interconnected for common functions, refer to detector installation guide for proper connection of remote alarm functions.

**Remote Accessory Wiring for SM-501, HS-100, RT-3000 and SL-2000 Smoke Detectors**

### ORDERING INFORMATION

| MODEL | DESCRIPTION |
|---|---|
| MS-KA/R | Remote red alarm LED and key-operated test/reset switch |
| MS-KA/P/R | Remote red alarm LED, green pilot LED, and key-operated test/reset switch |
| MS-RA | Remote red alarm LED |
| MS-RA/P | Remote red alarm LED and green pilot LED |
| MS-RA/P/R | Remote red alarm LED, green pilot LED, and push button test/reset switch |
| MS-RA/R | Remote red alarm LED and push button test/reset switch |
| MS-RH | Remote alarm horn |
| MS-RH/KA-P/A/T | Remote Alarm horn, Red alram LED, Green pilot LED, Yellow Trouble LED, Key operated Test/Reset switch |
| MS-RH/KA/P/R | Remote alarm horn, red alarm LED, green pilot LED, and key-operated test/reset switch |
| MS-RH/P/A | Remote alarm horn, red alarm LED, and green pilot LED |