CARBON MONOXIDE DETECTION KIT

SL-701 KIT Duct mounted carbon monoxide detection is available as a complete kit, allowing easy complete installation with all needed parts.

The SL-701 duct CO detector is the only commercial-grade duct detector that monitors for levels (PPM) of carbon monoxide that both IAQ and Life Safety authorities publish as dangerous to building occupants. The unit will perform AHU shutdown when in alarm, preventing further circulation of CO.

The MSR-50/CO remote accessory provides visual and audible indication of the duct detector status. Featuring a sleek, low profile LED strobe paired with a TEMP-4 sounder, key test/reset and multi-color LED status light. For use ONLY with APC brand duct CO products.

SL-701 KIT Includes:
- SL-701 Duct CO Detector
- FASTTUBE Air Sampling Tube
- MSR-50/CO Remote

MULTI-VOLTAGE RELAYS

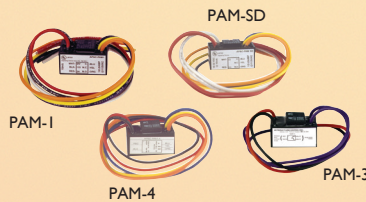**The RIC-1 and RIC-2 Series Relays** are multi-voltage devices providing form "C" contacts rated for up to 10 amps. The relays may be energized by one of three input voltages: 24VDC, 24VAC, or 115VAC. Each relay contains a red LED which indicates when the relay coil is energized. To mount the RIC-1 and RIC-2 place the spud through a 1/2 in. (12.7mm) knockout on a junction box. The relays are also packaged with wire-nuts to aid installation.

The RIC-1 and RIC-2 Relays are ideal for applications where remote relays are required for control or status feedback. They are suitable for use with HVAC, Temperature Control, Fire Alarm, Security, Energy Management and Lighting Control Systems.

RIC-1

RIC-2

The PAM Series Relays are encapsulated multi-voltage devices with "flying" leads that offer versatile, reliable performance in a convenient package. Several of the versions contain a red LED which indicates when the relay coil is energized. PAM Series Relays are packaged with a self-tapping screw and a piece of double sided tape for easy installation almost anywhere. The relays are also packaged with wire-nuts to aid installation.

PAM Relays are ideal for applications where remote relays are required for control or status feedback. They are suitable for use with HVAC, Temperature Control, Fire Alarm, Security, Energy Management, Lighting Control Systems and Building Automation Systems.

The MR Series Multi-voltage Control Relays offer SPDT or DPDT 10 Amp resistive contacts which may be operated by one of four input control voltages. A single relay may be energized from a voltage source of 24VDC, 24VAC, 120VAC or 230VAC by wiring to appropriate input terminals.

MR-101/C/R These Devices are ideal for applications where local contacts are required for system status, remote contacts for control of electrical loads and general purpose switching. They are suitable for use with HVAC, Temperature Control, Fire Alarm, Security, Energy Management and Lighting Control Systems.

PAM-SD

PAM-1

PAM-4

PAM-3

MR-201/C/R

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Auburn Hills, MI 48326
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AIR DUCT DETECTORS
SMOKE • CARBON MONOXIDE
REMOTES • PERIPHERALS • RELAYS

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AIR PRODUCTS AND CONTROLS

You in Control

The leading manufacturer of duct detectors for smoke or carbon monoxide, specialty controls, low voltage relays, power supplies, PCB mounting and enclosure options. These innovative top quality products are found worldwide in HVAC, life safety, building automation, system integration, security and lighting applications.
Proud to offer products made in the USA.

DUCT SMOKE DETECTOR PRODUCTS AND ACCESSORIES

Made in the USA. Air Products and Controls brand duct smoke detectors have earned the respect of contractors, technicians and building inspectors worldwide. These conventional, four-wire duct detectors are inter-connectable across the entire product range and accept input voltages of 230VAC, 115VAC or 24VAC/DC.

SL-2000 Series duct smoke detectors offer a host of installation, test, and maintenance features to save time and cost.

SL-2000-N Ionization Duct Smoke Detector
SL-2000-P Photoelectric Duct Smoke Detector

RT-3000 Series duct smoke detectors are the only weatherproof detectors on the market to hold a NEMA 4X rating for approved use in harsh corrosive environments.

RT-3000-N Ionization Weathertight Duct Detector
RT-3000-P Photoelectric Weathertight Duct Detector

SM-501 Series duct smoke detectors offer a vertical-style package in a conventional detector.

SM-501-N Ionization Duct Smoke Detector
SM-501-P Photoelectric Duct Smk Detector

MS Series Remote Accessories provide a wide choice in audible and visual indication as well as remote test/reset functions in an industrial-inspired stainless steel finish. Made in the USA, package includes faceplate screws and wire-nuts.

MS-RH/KA/P/A/T   **MS-RH/KA/P/R**   **MS-RH/P/A**   **MS-RH**   **MS-KA/R**   **MS-KA/P/R**   **MS-RA/P/R**

MS-RA/R   **MS-RD**   **MS-RA**   **MS-RA/P**   **MS-KA/P/R/T**   **MS-RA/P/T**   **MS-RA/FT/P**
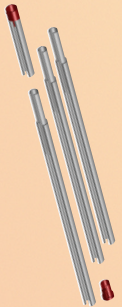
HS-100 Series special application duct smoke detectors provide duct smoke detection with *no sample or exhaust tubes.* Excellent option for use in air handling package unit plenums, between ceilings or under floors.

HS-100-N Ionization Duct Smoke Detector
HS-100-P Photoelectric Duct Smk Detector

FASTTUBE Sampling Tubes are innovative, lightweight sectional air sampling tubes. Easily stored, quickly assembled to length, and UL Listed to perform as intended with all APC brand duct detectors. Leftover sections can be saved for future use.

FAST TUBE   Package of (3) 24" Sections

STN Series Sampling Tubes are notched for use with **SL- and RT- Series** detectors, metal.
STS Series Sampling Tubes are for use with **SM-Series** detectors, metal.

STN- / STS-1.0   10" Tube
STN- / STS-2.5   2.5' Tube
STN- / STS-5.0   5.0' Tube
STN- / STS-10.0   10.0' Tube

MSR Series Remote Accessories provide every combination of visual and audible notification required for duct smoke detectors, as well as available key or magnet remote testing ability. Available in single-gang controllers or with a second-gang including an enhanced sounder with LED strobe. Compatible with any decora-style plate, comes from the factory with choice of red, white or stainless steel finish.

MSR-100R/AV/S/C

The indicator/control assembly provides:
• Visual indication of detector Pilot, Trouble and Alarm functions
• Lever-operated quick-connect "No-Tools" terminal block
• Port for plugging in optional strobe
• Keyswitch test/reset or Magnet test with push button reset
• Compatibility with all APC-brand duct smoke detectors

MSR-50RM   **MSR-50RK**   **MSR-100R**   **ADD-ON AV MODULE**

MSR-AV/T Series provide audible, visual, or combination audible and visual notification, 24VDC input polarized terminals. Decora plate compatible; choice of red, white and stainless.

See our website or cutsheet for complete specifications.
MSR-50RM   Magnet Test/Push to Reset, Visual Indication
MSR-50RK   Key Test/Reset, Visual Indication
MSR-100R   Key Test/Reset, Visual & Audible Indication
MSR... /AV   Second Gang Audible & Visual Add-on

ADDITIONAL PRODUCTS FOR PROPER INSTALLATION, TESTING & MAINTENANCE

WP Series weatherproof enclosures provide NEMA-3R rated protection to duct detectors installed outdoors. (Detector not included)

WP-1   Weatherproof Enc. for SM-Series
WP-2000   Weatherproof Enc. for SL-Series

TG Series Test Gas available in Smoke or Carbon Monoxide. For aerosol testing for APC duct detectors.

TG-1000 Solo™ Smoke Gas for SM-501, HS-100 & Open Area detectors
TG-1500 Smoke Centurion Gas™ for SM-501, HS-100 & Open Area detectors
TG-2000 Solo™ Smoke Gas w/ Test Port Nozzle for SL-2000 & RT-3000
TG-2500 Smoke Centurion Gas™ w/ Test Port Nozzle for SL-2000 & RT-3000
TG-701   Carbon Monoxide Gas for SL-701

Replacement Sensors for all Air Products duct smoke detectors: SL-Series, SM-Series and HS-Series. No tools required, twist-in heads.

55000-225   Ionization Type
55000-328   Photoelectric Type

T-PB Series power supplies provide 24VAC from a 115VAC @ 1.0A input.

T-PB-202-0 96VA, 24VAC @ 4A, Class I & II
T-PB-202-1 as 202-0, with Enclosure
T-PB-303-0 72VA, 24VAC @ 3A, Class I & II
T-PB-303-1 as 303-0, with Enclosure

AVChecker anemometers are used to measure air velocity and confirm the system meets duct detector requirements. Easy to use, lightweight, portable and battery operated. Telescopic bendable probe, includes hard case.

DuctChecker manometers are used to measure pressure differential and will confirm whether the duct detector will sample the air stream properly. Battery operated device, includes hard case and sampling tube plugs.

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