Altos 2 Cylinder Alarm

The CONCOA Altos 2 system monitor is designed to report the status of up to 2 individual points of observation in automatic switchover and fail-safe gas delivery applications. Universal input capability allows the 2.5” LCD screen to display real-time system pressure and configuration for up to 2 channels using 4-20mA pressure transducers or pressure switches. The status of all inputs is displayed locally with high visibility, multicolor LEDs, turning red when an input exits its normal condition. Three dry contact relay outputs allow the user to access status for each channel and a master alarm, making the Altos 2 an ideal fit for gas delivery installations requiring pressure switch or transducer pressure monitoring capability.

5750025-01-24V shown

Typical Applications

- Pharmaceutical and Biotech Research
- Analytical Laboratories
- Industrial Gas Applications

Features

Two Input Channels accommodate multiple sources

Customizable System Configuration supports application flexibility

Adjustable Alarm Delay permits time for transient events

Configurable Unit of Pressure accommodates industrial environments

4-20 mA Pressure Transducer and Pressure Switch Inputs support universal input capability

Dry Contact Relay Outputs connect to building or auxiliary systems

Flame-retardant and UV Stabilized Polycarbonate Resin Enclosure offers improved durability and sturdiness

Materials and Specifications

Alarm: 93db audible alert

Power input: 90-264 VAC external power supply (international adapters included)

Outputs: 3 NO/NC dry contacts (selectable)

Relay inputs: 2 NO/NC contacts (selectable)

Transducer Inputs: 2 independent inputs for 4-20 mA transducers

Relay Contact Rating: 1A @24 VDC Max

Dimensions: 4.72 in x 8.7 in x 2.5 in (119.88 mm x 221.98 mm x 63.5 mm)

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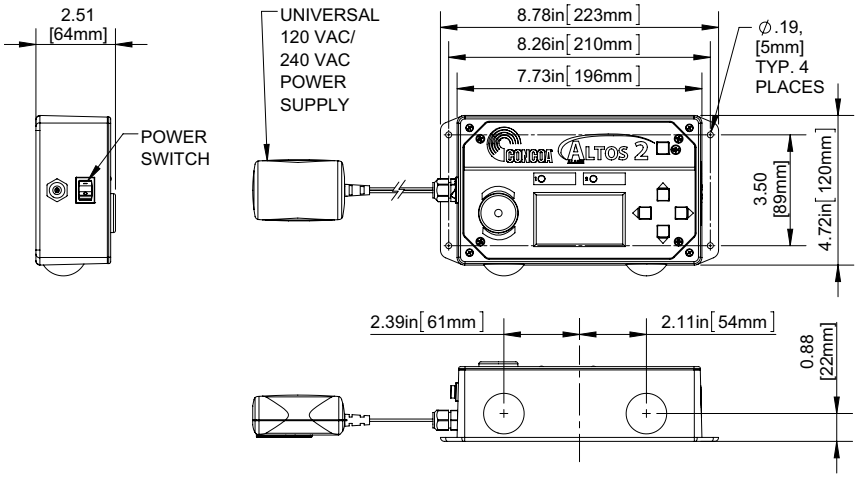
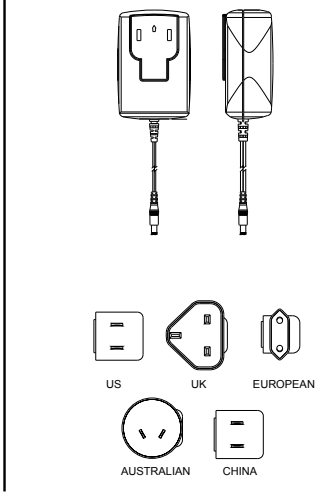
Installation Dimensions





Ordering Information

Part Number	Description
575-0025-01-24V	Altos 2 Remote Alarm (24 Volt) featuring monitoring support for one or two protocol stations or one switchover requiring 24VDC; two independent inputs for 4-20 mA transducers; high visibility status LEDs; large LCD pressure displays for up to two channels; dry contact outputs; 93db audible alarm, and 90-264VAC universal voltage input with international blade kit

Related Options

Part Number	Description
529 5320-XX	Cable Assembly (female 4-pin by 4-wire) to connect the auxiliary output of one 575 series remote alarm to an external monitoring system. Available in 25’ and 100’ lengths. “XX” in order number denotes length.
529 5342-XX	Cable Assembly (female 6-pin by 6-wire) to connect a 575 series remote alarm to an AutoSwitch System. Available in 25’ and 100’ lengths. “XX” in order number denotes length.
529 5349-XX	Cable Assembly (female 8-pin by 7-wire) to connect a 575 series remote alarm to a 577 Series CryoWiz. Available in 25’ and 100’ lengths. “XX” in order number denotes length.
529 5360-01-XX	Cable Assembly (Packard style connector by 2-wire) to connect a 5-20 mA transducer (not intrinsically safe) to an Altos 2 alarm. One cable is required per transducer; most switchovers require two cables. Available in 25’ and 100’ lengths. “XX” in order number denotes length.
529 5361	Intrinsic Safety Barrier for use with a single intrinsically safe, 4-20 mA pressure transducer or a single pressure switch gauge. Not suitable for transducers that are not designed for use with barriers.
529 5362	Intrinsic Safety Barrier for use with two intrinsically safe, 4-20 mA pressure transducers or two pressure switch gauges. Not suitable for transducers that are not designed for use with barriers
529 5370	Pressure Transducer for use with Altos 2 Alarms featuring 4-20 mA Pressure Sensors, 0-6000 PSIG (0-415 BAR) pressure range, and 6 ft (2 m) detachable packard cable (packard connector by 2-wire). This transducer not intrinsically safe and cannot be made intrinsically safe with barriers.
529 5371	Intrinsically Safe Pressure Transducer for use with Altos 2 Alarms featuring 4-20 mA output; 1/4-in MNPT stainless steel pressure port; 0-5000 PSIG (0-345 BAR) pressure range, and integral 25 ft (7.6 m) cable. This transducer requires the 529 5361 or 529 5362 Intrinsic Safety Barriers for safe use.
529 6002-XX-001	2-wire Intrinsic Safety Barrier Cables for regulators using pressure switch gauges. Available in 25’ and 100’ lengths. “XX” in order number denotes length.
529 6004-XX-001	3-wire Extension Cable to connect a CONCOA gas detector and remote display. Available in 25’ and 100’ lengths. “XX” in order number denotes length.
529 6006-XX-001	4-wire Cable Assembly for dual regulator switchovers, IntelliSwitch™ II, and intrinsic safety barriers. Available in 25’ and 100’ lengths. “XX” in order number denotes length.