SPEAKMAN®

ALM2-C1D2, ALM2-C1D2-DPDT
Installation, Operation & Maintenance Instructions
ALARM SYSTEM

DESCRIPTION

Emergency equipment alarm with electro-mechanical vibrating horn and flashing LED light activated by a vapor proof flow switch. Alarm unit meets indoor/outdoor hazardous location requirements for
Class 1 Division 2, Groups B,C,D, T4, NEMA 4 electrical classification. (ALM2-C1D2-DPDT) product is supplied with double-pole, double-throw flow switch for remote location signaling.

SPECIFICATIONS

ACTIVATOR: ¾" Vapor Proof Flow Switch.
- ALM2-C1D2: (SPDT) Single-Pole Double Throw.
- ALM2-C1D2-DPDT: (DPDT) Double-Pole Double Throw

HORN: 100dB @ 10 Ft.

LIGHT: 65 fpm, LED Light

INLET: 1" NPT Female

OUTLET: 1-1/4" NPT Female

SHIPPING WEIGHT: 21 lb.

ELECTRICAL DATA

ELECTRICAL SUPPLY: 120 VAC, 60 Cycle, Single Phase.

ELECTRICAL RATING: 3.9 Amps @ 120 VAC.

COMPLIANCE: Unit rated for NEMA 4 Indoor/Outdoor Hazardous Locations
Class 1 Division 2, Groups B,C,D, T4, NEMA 4

*Power supply to be in compliance with (N.E.C.) National Electric Code.

*Installation of this unit shall be in compliance with all (NEC) National Electric Code, and any other applicable state or local.

OPTIONS

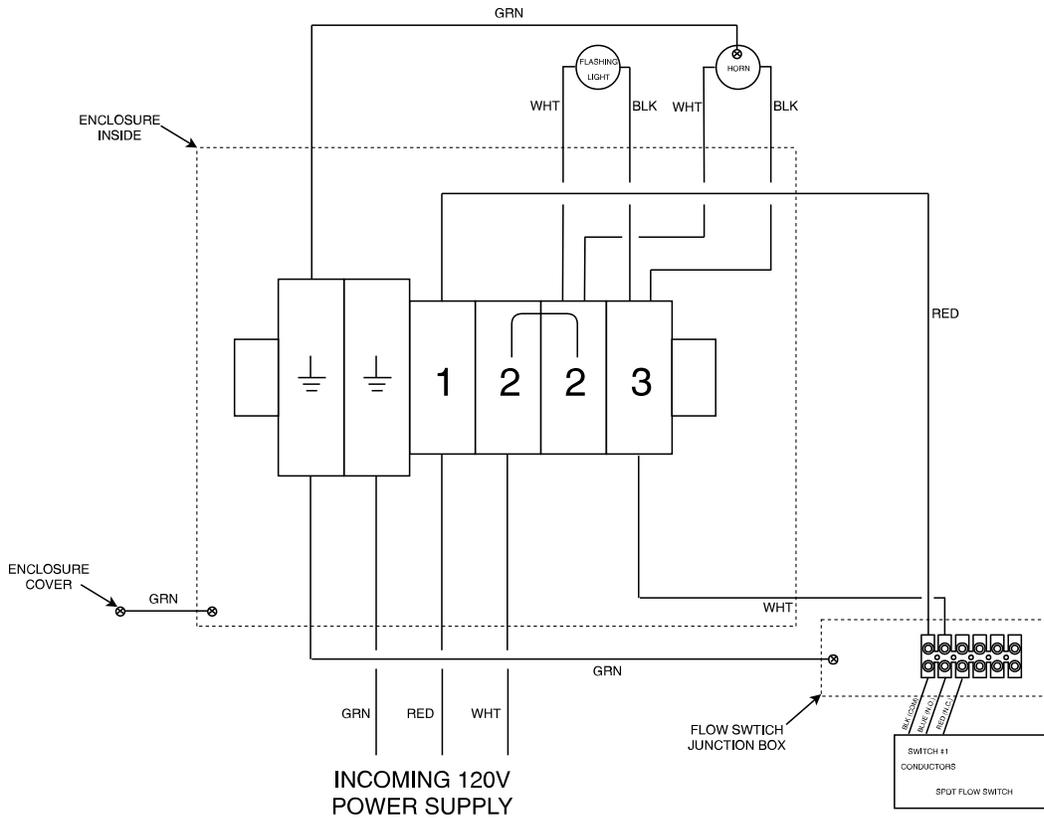| ALM-MTG BRACKET	Retro-Kit for Fixed Post Mount

INSTALLATION

To avoid electric shock, make sure power supply is shut off before doing any electrical maintenance to this unit. Power supply requirement is 120 VAC, 60 cycle, single phase. Ground-fault protection should be GFPD with a nominal 30 milliampere trip level to prevent nuisance tripping. Minimum 15 AMP breaker is required. Make sure power supply and installation is in compliance with all local codes and the National Electric Code (N.E.C.).
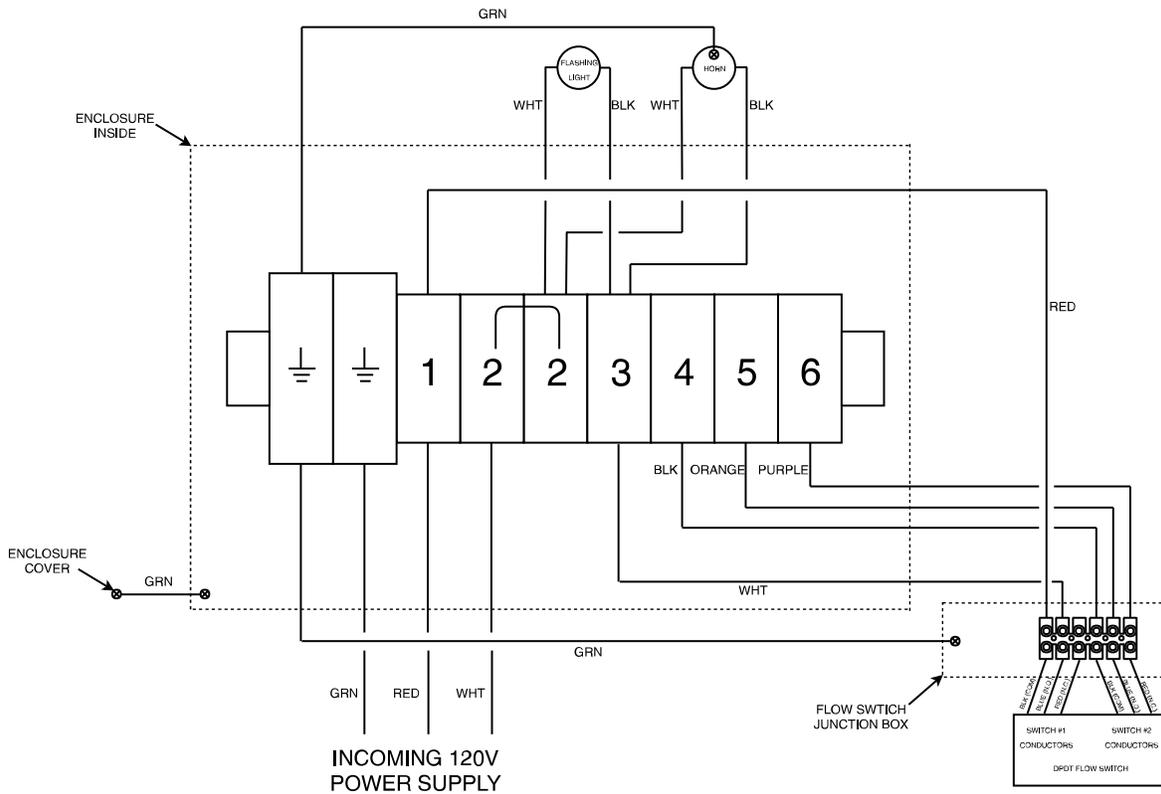
120V Power Supply Wiring Diagram: (See Next Page)
1. Connect HOT (labeled below as Red) wire into Contact Block #1,
2. Connect Neutral (White) wire into Contact Block labeled #2.
3. Connect Ground (Green) wire into Ground Contact Block, left of Contact Block #1

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ALM2-C1D2-SPDT Wiring Diagram

GRN

FLASHING LIGHT

HORN

WHT BLK WHT BLK

ENCLOSURE INSIDE

RED

1 2 2 3

ENCLOSURE COVER

GRN

WHT

GRN

FLOW SWTICH JUNCTION BOX

BLK (COM)
BLUE (N.O.)
RED (N.C.)

GRN RED WHT

SWITCH #1
CONDUCTORS

SPDT FLOW SWITCH

INCOMING 120V
POWER SUPPLY

ALM2-C1D2-DPDT Wiring Diagram

GRN

FLASHING LIGHT

HORN

WHT BLK WHT BLK

ENCLOSURE INSIDE

RED

1 2 2 3 4 5 6

BLK ORANGE PURPLE

ENCLOSURE COVER

GRN

WHT

GRN

FLOW SWTICH JUNCTION BOX

BLK (COM)
BLUE (N.O.)
RED (N.C.)
BLK (COM)
BLUE (N.O.)
RED (N.C.)

GRN RED WHT

SWITCH #1
CONDUCTORS

SWITCH #2
CONDUCTORS

DPDT FLOW SWITCH

INCOMING 120V
POWER SUPPLY

SPEAKMAN®

OPERATION

Alarm sounds and lights flashes automatically when emergency equipment is activated. This continues until the emergency equipment is deactivated.
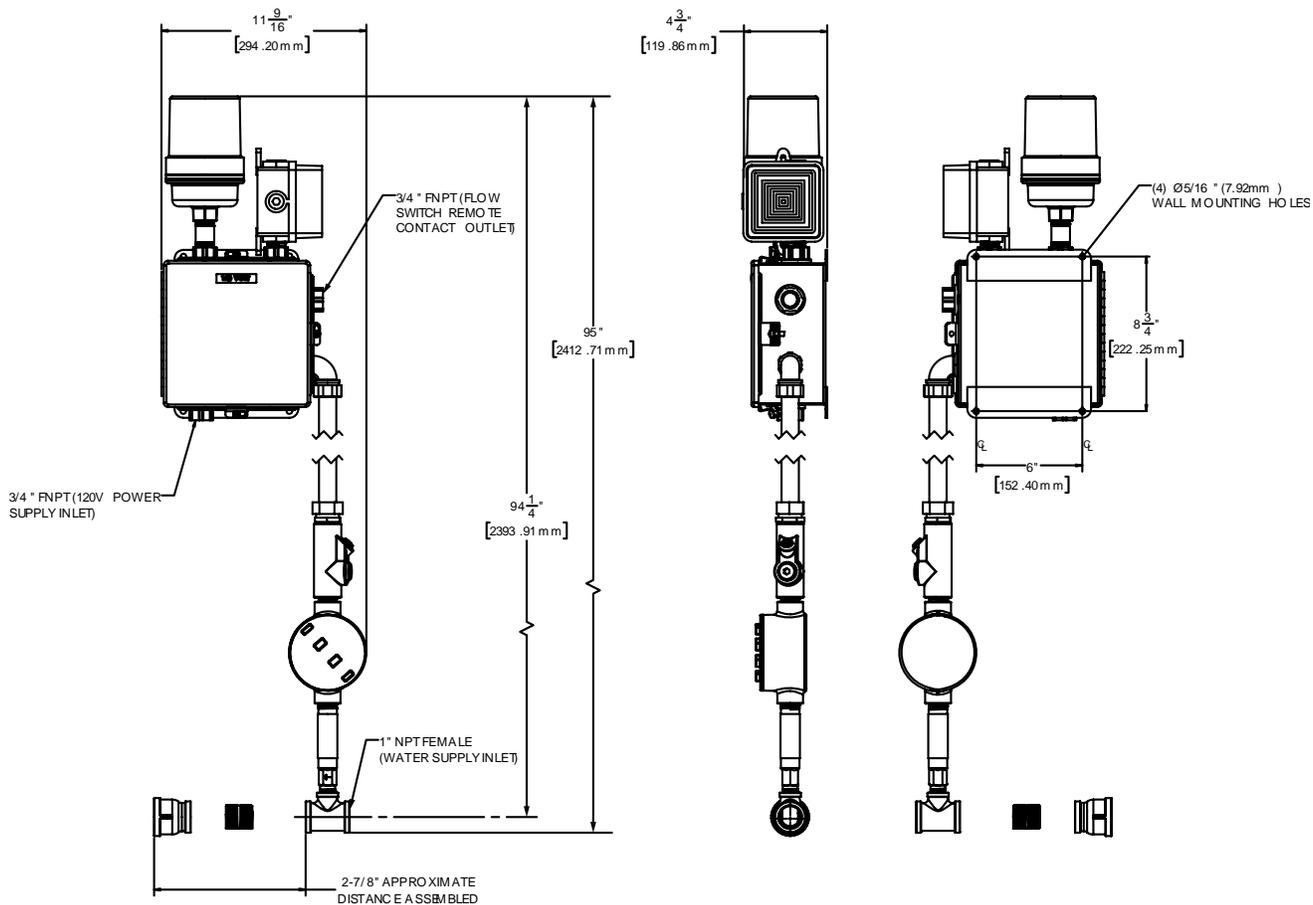
TESTING PROGRAM

The American National Standards Institute (ANSI) states that all safety emergency equipment shall be activated on a weekly basis to flush the line and verify proper operation. Speakman Company furnishes a testing record tag (91-0635) with each unit. On this tag the date of inspection and the inspector's initials should be noted.

MAINTENANCE

To avoid electric shock, make sure power supply is shut off before doing any electrical maintenance to this unit.

ROUGH-IN

Note: All units meet existing ANSI Z358.1 Standards and OSHA Rules. Product improvements may cause specification and dimensional changes without notice.

REPLACEMENT/REPAIR PARTS

ITEM	PART/GROUP #	DESCRIPTION
1	RPG76-110060	Visual Flashing LED Light

WARNING: Use only genuine Speakman parts when repairing or replacing components.
To order parts call 1-800-537-2107.