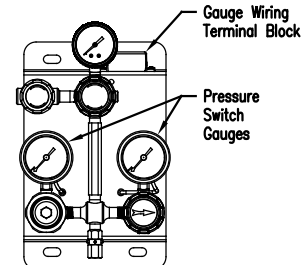


SCHEMATIC FOR DUAL REGULATOR SWITCHOVER WITH PRESSURE SWITCH GAUGES

POTENTIALLY FLAMMABLE ATMOSPHERE

HAZARDOUS LOCATION = CLASS I, II, & III - A THRU G

DUAL REG SWITCHOVER WITH PRESSURE SWITCH GAUGES
 ONE LEFT SIDE GAUGE WIRE
 ONE RIGHT SIDE GAUGE WIRE



OTHER LEFT SIDE GAUGE WIRE
 OTHER RIGHT SIDE GAUGE WIRE

WIRE B*
 WIRE D*
 WIRE A*
 WIRE C*

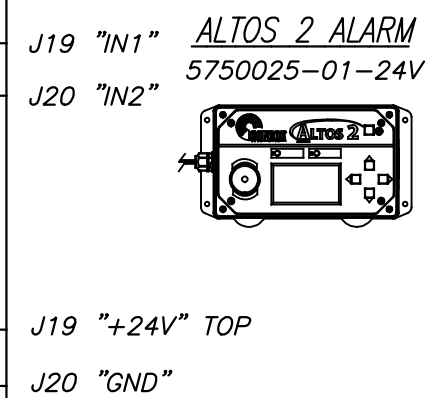
SAFE LOCATION

CONCOA BARRIERS
 #529 5312

* BARRIER "B2"

* BARRIER "B1"

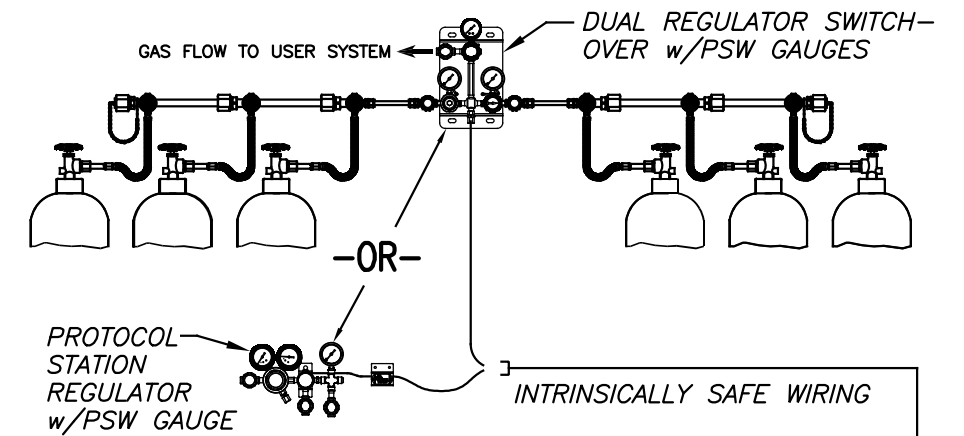
WIRE G*
 WIRE H*
 WIRE E*
 WIRE F*



EARTH GROUND

STAHL BARRIER (QTY 1)
 9001/01-158-390-101

VISUAL REPRESENTATION



HAZARDOUS LOCATION

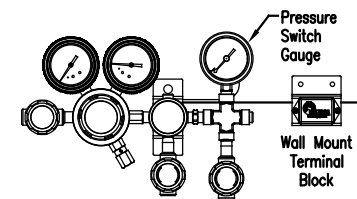
SAFE LOCATION

SCHEMATIC FOR PROTOCOL STATION REGULATOR WITH PRESSURE SWITCH GAUGE

POTENTIALLY FLAMMABLE ATMOSPHERE

HAZARDOUS LOCATION = CLASS I, II, & III - A THRU G

PROTOCOL STATION WITH PRESSURE SWITCH GAUGE & CIRCULAR CONNECTOR



WIRE B*
 (Either Color)
 WIRE A*
 (Either Color)

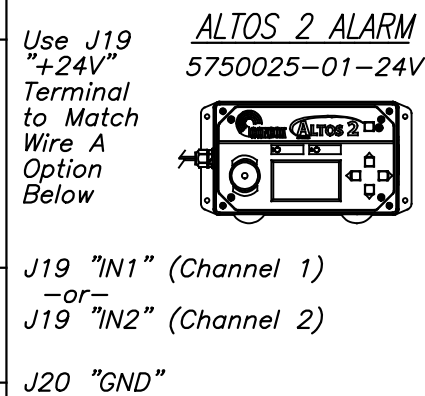
SAFE LOCATION

CONCOA BARRIERS
 #529 5312

* BARRIER "B2"

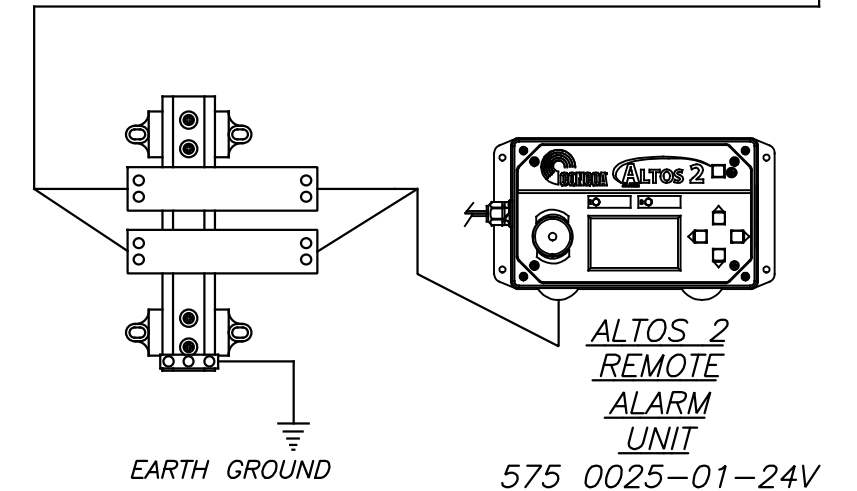
* BARRIER "B1"

WIRE C*
 WIRE A*
 WIRE B*



EARTH GROUND

STAHL BARRIER (QTY 1)
 9001/01-158-390-101



* SEE ALSO WIRING INSTRUCTIONS IN CONCOA DOCUMENT 99060025-24V (ADI0025-24V)

NOTES ON SYSTEM

1. SYSTEM MUST BE INSTALLED IN ACCORDANCE WITH NATIONAL ELECTRIC CODE ANSI/NFPA 70, ARTICLE 504. BARRIERS MUST BE INSTALLED IN ACCORDANCE WITH MANUFACTURER GUIDELINES.
2. MAXIMUM CABLE LENGTH TO BE 1500 FT. (457 METERS).

NOTES ON CONTROL EQUIPMENT:

1. MAINS POWER MUST NOT EXCEED 250 VOLTS WITH RESPECT TO GROUND.
 2. CONNECT TO EARTH GROUND ACCORDING TO BARRIER MANUFACTURER'S INSTRUCTIONS. RESISTANCE BETWEEN BARRIER GROUND AND GROUNDING ELECTRODE SHALL NOT
- CONTACT INFORMATION, BARRIERS: R. STAHL (U.S.A.)
 1-800-782 4357
 www.rstahl.com

CONTROLS CORPORATION OF AMERICA PRODUCT ENGINEERING DEPARTMENT VIRGINIA BEACH, VA 23454	PART NO.	9906 3238
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