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SPECIFICATIONS:

POWER INPUT:
VOLTAGE: 12 / 24 VDC MODELS
CURRENT: 200 mA MAX. PLUS LOAD CURRENT.
TRANSIENT PLUS REVERSE POLARITY PROTECTION.
7.5 AMP FUSE REQUIRED ON POWER INPUT.

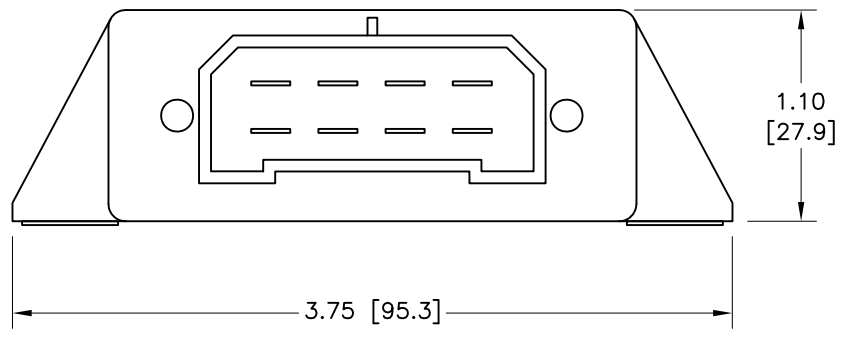
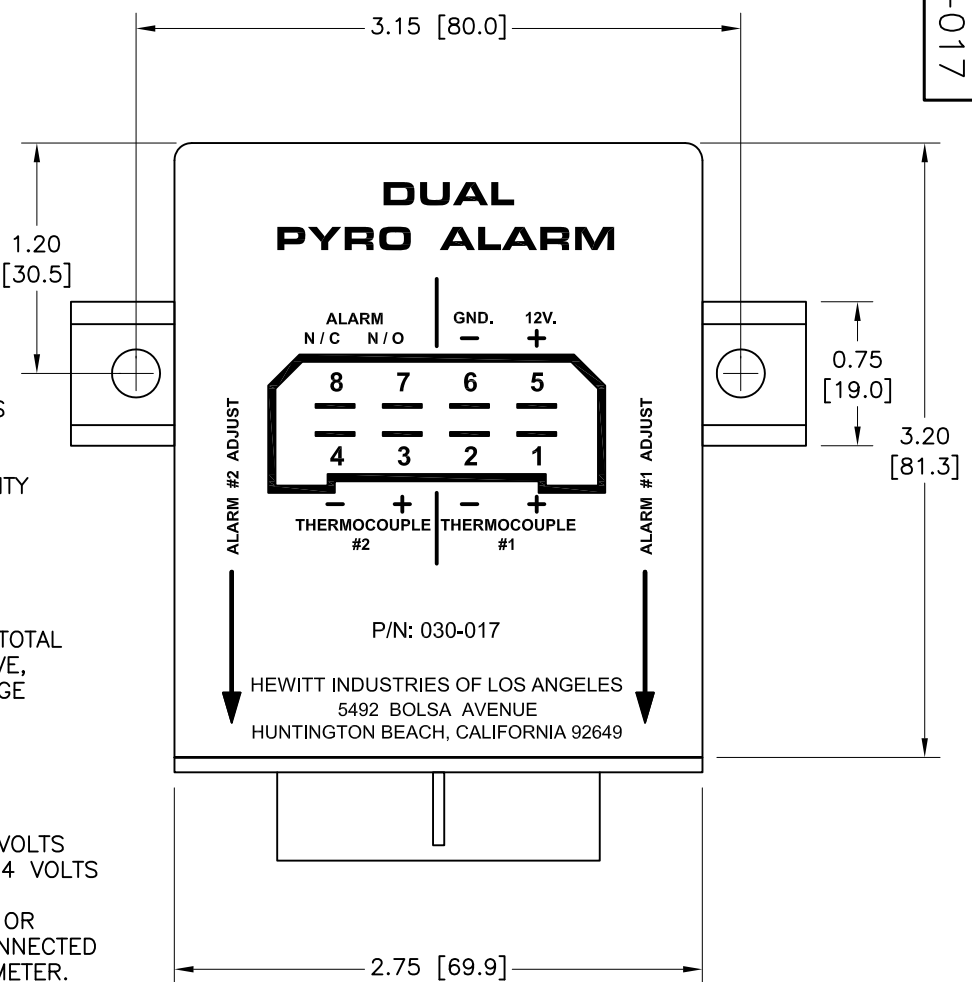
SIGNAL OUTPUT:
SWITCH SIGNAL RATED 7.5 AMP. TOTAL NON INDUCTIVE OR 4 AMP. INDUCTIVE, TEMPERATURE COMPENSATED, VOLTAGE STABLE

NOTE:
PART NUMBER DETERMINED BY APPLICATION.
030-017 NEGATIVE GROUND 12 VOLTS
030-017-1 NEGATIVE GROUND 24 VOLTS

THESE MODELS ARE ADJUSTABLE OR AVAILABLE PRESET AND CAN BE CONNECTED WITH OR WITHOUT INDICATING PYROMETER. RANGE IS 100°F - 1800°F
PYROMETER TESTER P/N 030-025 IS AVAILABLE FOR SETTING MODULES OR CHECKING SYSTEM. (IT IS A MILLIVOLTS POWER SUPPLY.)

IMPORTANT:
PYRO SWITCH AND THERMOCOUPLE MUST HAVE SAME GROUND OR SWITCH WILL NOT FUNCTION PROPERLY. CAN BE USED WITH GROUNDED OR UNGROUNDED THERMOCOUPLES.

APPLICATION:
TWO SEPARATE THERMOCOUPLE INPUTS AND ONE SWITCH OUTPUT FOR MONITORING TWO EXHAUST BANKS OR LOCATIONS.



TWO THERMOCOUPLES IN ONE SWITCH OUT

REVISIONS					TOLERANCES		HEWITT INDUSTRIES OF LOS ANGELES	
REV.	DESCRIPTION	EO#	DATE	BY	UNLESS OTHERWISE SPECIFIED:		TITLE:	
					DIMENSIONS ARE IN INCHES, METRIC EQUIVALENTS ARE IN [BRACKETS]:		DUAL PYRO SWITCH	
					.X = .050 [1.27]		DRAWN BY: JAG	
					.XX = .030 [0.76]		PART NO. 030-017	
					.XXX = .010 [0.25]		APPR. BY:	
					FRACTIONS = 1/32		DATE: 02/12/13	
					ANGLES = ±1°		SHEET 1 OF 1	
					SCALE: 1/1			

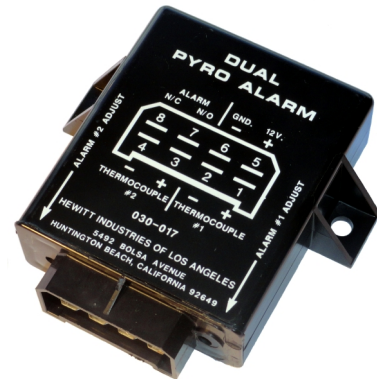
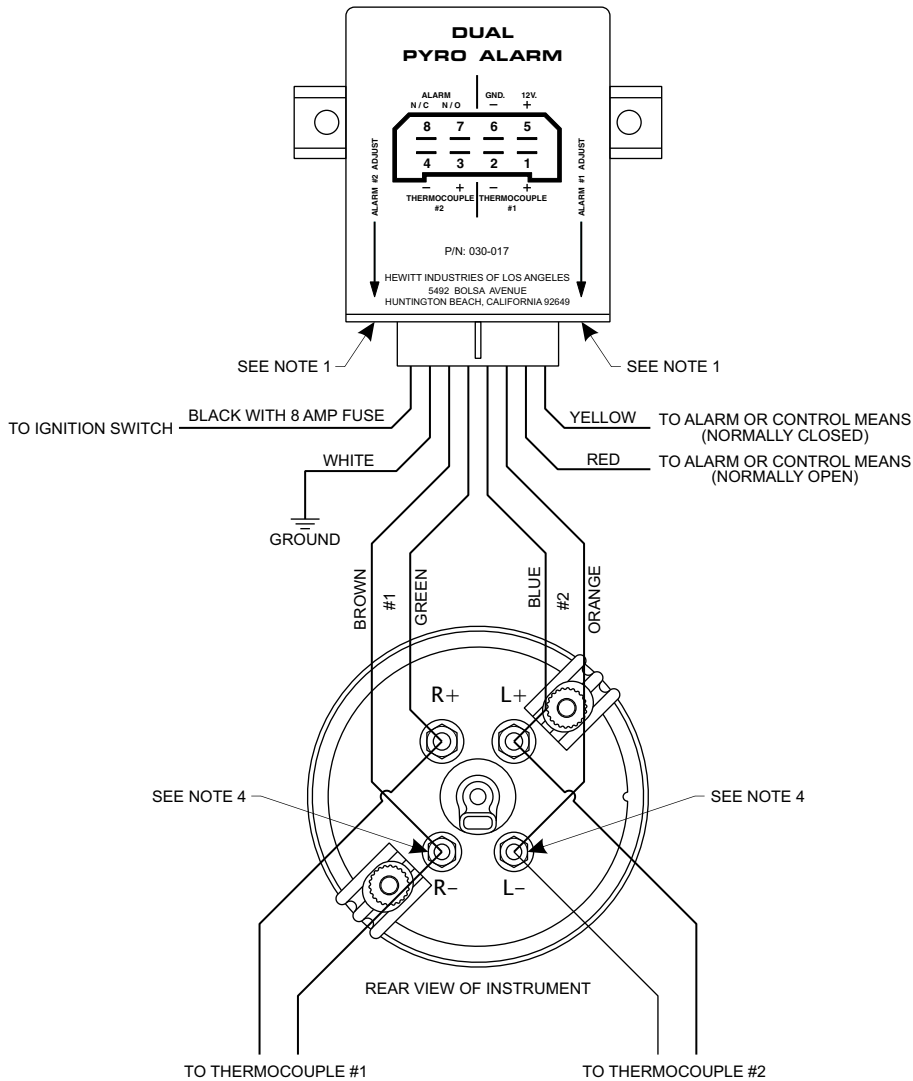
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PYRO — ALARM

Wiring Instructions

Dual Pyro - Alarm P/N: 030-017 (12 volt), 030-017-1 (24 volt)
Two Thermocouples In / One Alarm out
(Wire Harness P/N: 071-032)



FRONT VIEW OF INSTRUMENT

Notes:

1. Set point adjustment:
 - Clockwise to raise.
 - Counter clockwise to lower.
 - For Alarm #1; adjust for low setting.
 - For Alarm #2; adjust for high setting
 - Seal adjustment holes after verification.
2. Install seal wires after installation.
3. Bench testing system:
 - Ground the thermocouple tube when using a grounded thermocouple.
 - Ground the red wire when using an ungrounded thermocouple.
4. For ungrounded thermocouples, the negative terminal of the instrument must be grounded.
5. For 24 VDC system, add -1 to part number. (030-017 = 12 VDC, 030-017-1 = 24 VDC)