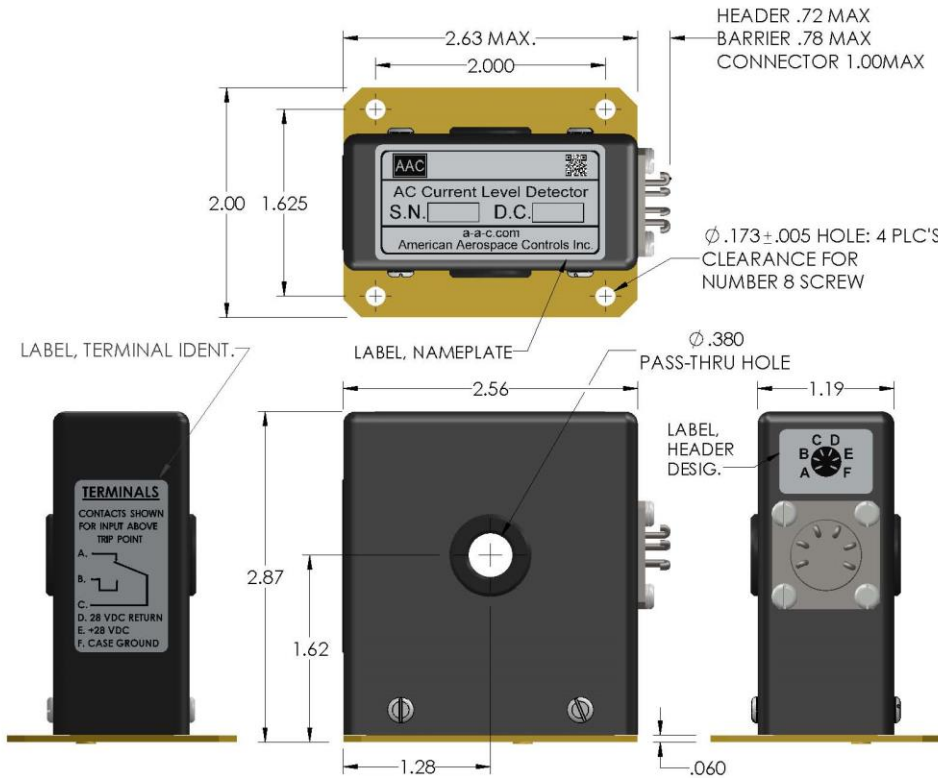


AC CURRENT LEVEL DETECTOR
PART NUMBER S212-850



INPUT CURRENT

RANGE	0 to 75Aac
FREQUENCY	400Hz ±10%
OVERLOAD CURRENT CONTINUOUS	100Aac
OVERLOAD CURRENT SURGE	500Aac for 6 cycles

OUTPUT CURRENT

RELAY CONTACT (SPDT)	Energized at & above set point
CONTACT RATING	1 Amp Resistive @ 28V or 5V 400Hz 200mA Inductive 100mA Lamp
TRIP POINT (AS CURRENT DECREASES)	0.5Aac ±0.075Aac
TRIP POINT REPEATABILITY	± .01Aac
RESET Automatic when input current rises approximately 0.1Aac above trip point	
RESPONSE TIME	200 m-sec max.
OUTPUT ISOLATION	350V RMS @ sea level

POWER SUPPLY

SUPPLY VOLTAGE	28Vdc, nominal
CURRENT DRAIN	70mA max.
REVERSE POLARITY PROTECTION	100µA max. current drain without damage

ENVIRONMENTAL AND PHYSICAL CHARACTERISTICS

OPERATING TEMPERATURE RANGE	-55°C to +70°C
STORAGE TEMPERATURE RANGE	-55°C to +85°C
DIELECTRIC STRENGTH	350V RMS MIL-STD-202 Method 301
MOUNTING	Rigid in any position
INSULATION RESISTANCE	200 M-Ohms min. MIL-STD-202 Method 302 Test Condition A
WEIGHT	16 oz. max. (1 oz mating connector)



**SOLDER
HEADER**

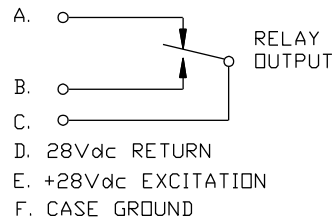
**CONNECTOR
OPTION**

ADD "-C" TO PART NO.
CONN. P/N PT02E-10-6P-023
MATING CONN. PT06A-10-6S
OR EQUIV.

**BARRIER
OPTION**

ADD "-B" TO PART NO.
TERMINAL "F"
NOT SUPPLIED.

**TERMINAL
IDENTIFICATION**



CONTACTS SHOWN WITH INPUT
CURRENT ABOVE TRIP POINT
(RELAY ENERGIZED)

AAC

Drawing Number
S212-850

Rev.
M