Aircraft Extras Inc.

RELAY BOARDS for ELEVATOR and FLAP control and General Purpose

Dual Relay Board 1 Axis	Stacking Example 1, 3, or 3 Axis	Airspeed Relay - used for: Flap Deployment Protection and Automatic Speed Adjust for Elev. Trim Motors
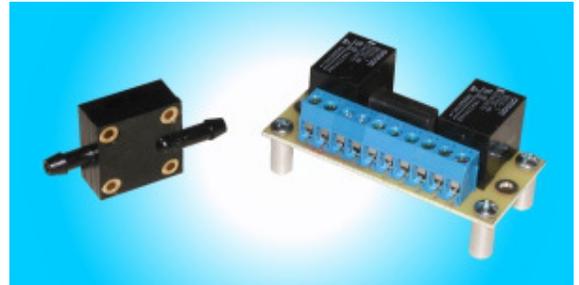
BOARDS – BETTER THAN OUR COMPETITION

Our relay contacts are protected against inductive sparking generated from relays switching inductive loads such as motors and solenoids. Our relay coils are also protected. This prohibits the relays from early failure. This also protects the switch contacts that drive the relay coils from failure.

RELAY BOARD USE:

Control your Flap & Elevator Trim motors

This board allows you to use any inexpensive switch [Single Pole, Double Throw, (ON)-OFF-(ON), Spring Loaded, 3 Position] to control your flap and elevator trim motors. You can series as many switches as you desire control your flap & elevator trim motors.

AIRSPEED RELAY USE:

Flap Deployment Protection at High Air speeds

When our relay board is used with our airspeed switch, you can protect you flaps from being actuated in the downward direction when your airspeed is too high (above the white arc). We provide the end user with easy connection diagrams for several different systems. (Our Model: ASRY1, Adjustable 70 MPH to 160 MPH, IAS)

Automatic Speed Adjust for Elevator Trim Motors

Many have complained about the fast adjustment speed of elevator trim motors at high air speeds. When our relay board is used with our airspeed switch, it eliminates this problem. You will have two speeds, fast for slower air speeds, and slower for high air speeds. The slower speed is adjusted by supplying this relay board a lower motor drive voltage. (Our Model: ASRY1, Adjustable 70 MPH to 160 MPH, IAS)

RELAY BOARD SPECIFICATIONS:

Relays - (10A) for use on (12 to 14Vdc) or (24V to 28V) systems.
Each board includes two independent, (SPST) Single Pole, Double Throw Relays (Form C)
Boards are stack-able to 3 levels high for saving panel space
Mounting stand-offs pictured are included
Board Dimensions: 3.0" W x 1.375" D x 1.125" H

MODELS AVAILABLE:

1RY10A12V or 1RY10A24V One relay board   3RY10A12V or 3RY10A24V Three stacked relay boards
2RY10A12V or 2RY10A24V Two stacked relay boards   ASRY1-One relay board + Airspeed Switch

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Visit www.aircraftextras.com for all of the details and for MORE great products!