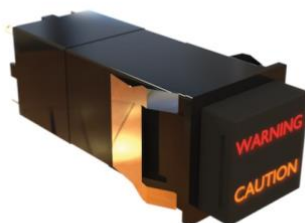




AH501 SPECIFICATIONS

PROGRAMMABLE VOICE AND LEGEND ANNUNCIATOR



The AH501 is a high-quality snap action switch combined with direct sunlight readable LED Aviation Red and Yellow captions for use as a Master Caution Master Warning indicator with acknowledgement switch. The unit can be wired as a remote Master Caution and Master Warning Annunciator for common EFIS and Engine Management systems such as Garmin, EI and Dynon which provide open drain annunciator outputs. When combined with the Aero Safety Systems AH500 or AH502SD Central Warning Panel annunciators, it functions as a consolidating Master Caution/ Master Warning indicator and new alert acknowledge/ voice mute switch. A current limited 14V or 28V input is suitable for open drain or switched connections. A constant current supply input is suitable only where controlled by constant current LED drivers as used when connected to the AH500/ AH502. The snap action momentary switch has double pole double throw connections.

Inputs

Warning GND: Switched ground
Caution GND: Switched ground

28V Current limited input
50mA per caption

Outputs

DPDT Switch: 6 terminals

* Both AH501-14 and AH501-28 can be used with the AH500 and AH502 Annunciators since they use the common constant current input.

Optics

Illumination: Triple redundant LED
Direct sunlight readable
Hidden until lit
Warning: Aviation Red (as std.)
Text 'WARNING' (as std.)
Caution: Aviation Yellow (as std.)
Text 'CAUTION' (as std.)
Window: Non-reflective
Anti-scratch hard coating

Physical Specifications

Mounting: Front mounted
Snap action: 0.2" (4.5mm) travel
2lbs +/- 1lbs (908g +/- 454g)
Cycles: 100,000 cycles minimum
Materials: Plastic
Dimensions: 0.745" (19mm)
0.645" (16mm)
3.14" (80 mm)
Weight: 0.8 oz (28g)

Power supply

AH501-14

Supply: Constant Current input*
14V Current limited input
50mA per caption

AH501-28

V LED +ve: Constant Current input*

Environmental

Temperature: -20°C to +55°C Operating
(-4°F to 131°F)
-20°C to +70°C Storage
(-4°F to 158°F)
Humidity: <85% non-condensing
Vibration: 10-2000Hz (20g)

Specifications are subject to change without notice.