



COMPLIANCES

FAA AC 150/5340-30, Design and Installation Details for Airport Visual Aids

ICAO Aerodrome Design Manual Doc 9157, Part 5

PRODUCT APPLICATION

The Astronics DME Airfield Lighting S1 Cutout provides a safe method for isolating the field circuit from the constant current regulator (CCR) for testing or maintenance.

The S1 Cutout consists of a base and a handle that provides a convenient means of testing the field circuit without disconnecting the field cables from the CCR. The S1 Cutout can be installed internally within the CCR or external to the CCR.

FEATURES

- Compatible with all types of L-828/L-829 CCRs and L-847 circuit sensors operating at 6.6A or 20A output current.
- Designed to operate at 5000V and withstand a hi-pot test of 23kW for 1 minute.
- Designed for operation from -55 °C to +55 °C and in areas of high humidity.
- Constructed with flame retardant materials (solepoxy resin and glastic-fiberglass reinforced thermo-set polyester) specifically selected for their insulation properties.
- Size compatibility for direct replacement of a majority of existing cutouts.
- Handles are ergonomically designed to make insertion and extraction effortless.

POWER & CONTROL EQUIPMENT - 4.12

ORDERING INFORMATION

External S1 Cutout

A3-06-3177-002

MAINTENANCE & SAFETY

- The base unit comes with a removable "In service" handle. When removed, the field circuit is isolated from the CCR.
- Removing the handle provides a visible means of isolation, ensuring that the field circuit is isolated from the power source (CCR).

SCHEMATIC DIAGRAM

