

PRIMARY CONNECTOR KITS

APPLICATIONS

Designed for a detachable watertight connection between the series airfield lighting cable and the primary winding of the series transformer.

The connectors permit a rather fast mounting on site without prior study of cable lengths.

RELATED STANDARTS:

FAA AC 150/5345-26 L-823

IEC-EN 61823

ICAO: Aerodrome Design Manual Part 5,
Electrical System

IMPORTANT FEATURES FOR PRIMARY CONNECTORS

- Complete range covering all currently available cable dimensions (conductor sizes and outer diameters).
- Most modular design: housing suitable for both screened and unshielded cable.
- Superior mechanical design, matching with all presently existing connector types.
- Isolation resistance up to 20 times better than thermosetting elastomeric materials.
- Water absorption factor 3 times lower than Neoprene and other thermosetting elastomeric materials used for connectors.
- Excellent water tightness characteristics throughout the entire temperature range from -55° to $+55^{\circ}\text{C}$ in spite of the wide application range.
- Very good resistance against most various chemicals used on the airside.
- Wide application range covered by a minimum number of different kits (only 12 different types).
- Supplied ready for immediate use in individual packing, including instruction manual.
- Can be used with so-called "Super"-connectors.
- Ergonomic shape eases connection and de-connection



FOR SCREENED CABLE



FOR UNSCREENED CABLE

TEK.239.M.02



SECONDARY CONNECTOR KITS

APPLICATIONS

Designed for watertight connection of the secondary series circuit cables to either the secondary winding of the series transformer or the light. The connectors permit a relatively fast mounting on site without prior study of cable lengths.

RELATED STANDARDS:

FAA AC 150/5345-26 L-823

IEC-EN 61823

ICAO: Aerodrome Design Manual Part 5, Electrical System

IMPORTANT FEATURES FOR SECONDARY CONNECTORS

- Isolation resistance up to 20 times better than thermosetting elastomeric materials,
- Dielectric strength 15% better than Neoprene,
- Water absorption factor 3 times lower than Neoprene and other thermosetting elastomeric materials used for connectors,
- Excellent water tightness characteristics throughout the entire temperature range from -55°C to $+55^{\circ}\text{C}$ in spite of the wide application range,
- Very good resistance against most various chemicals used on the airside,
- Wide application range covered by a minimum number of different kits,
- Supplied ready for immediate use in individual packing, including instruction manual.



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