

Type SCK

Secondary Connector Kits



Compliance with standards

FAA: AC 150/5345-26 (L-823)

ICAO: Aerodrome Design Manual Part 5, Electrical Systems

Uses

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.

Overview

- Two-pole connector kits for two single-core wires:
FAA L-823 class B style 4 plug and style 11 receptacle.
- Two-pole connector kits for one two-core cable:
FAA L-823 class B style 5 plug and style 12 receptacle

Features

- Isolation resistance up to 20 times better than thermosetting elastomeric materials,
- TPE Santoprene 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°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.

Ordering Code

Cable type

- 1 = 2 - core cable
- 2 = 2 separate wires

Plug or receptacle

- P = Plug
- R = Receptacle

Outer diameters

- A = Cable 8.5 - 13.5 mm
- B = Cable 11.5 - 18 mm
- S = Wire 2.8 - 4 mm
- T = Wire 3.8 - 5.5 mm

Section of conductor (stranded)

- 2 = 1.5 - 2.5 mm² or AWG 12-16
- 5 = 5 = 4 - 6 mm² or AWG 8 - 10 = 5

Fixed digit = 00000

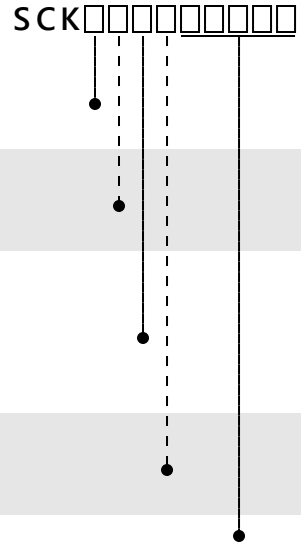


Fig. 2

TRANSFORMERS & CABLES

Type SCK

Accessories

Table 1: Recommended crimping tools

Connector Type	Crimping Tool	Part Number
Secondary only	Channel lock	8961.05.210
Primary and secondary	WZ 18	8981.13.005

Packaging

Connector kits are individually packed in plastic bags.

Net weight: Connector kit male: 58 gr.
Connector kit female: 49 gr.

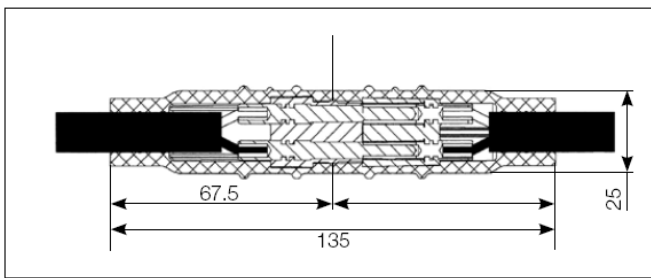


Fig. 3: Dimensions SCK in mm