



Secondary Connector Kits

KD501 - Plug
KD502 - Receptacle

Features

KD501/502 are designed for a fast-and-easy watertight connection between the secondary cable and the series isolating transformer. This waterproof silicon filled connector is used with double insulated two core cables, 3-pin also available. Connector is fast to install, approx. 1 min. KD501/502. All connectors are FAA certified.

- Superior isolation resistance by thermoplastic elastomer (TPE)
- Nominal rating: 20 A and 600 V
- Wire diameter 8,5 - 18 mm (0.334 - 0.708 inches)
- Conductor size 1,5 - 6 mm² (16 - 10/8 AWG)
- ROHS compliance with EU directive NO2002/95/EC

Compliant to Latest International Standards

- ▶ ICAO Aerodromes - Annex 14
- ▶ FAA AC150/5345-26 L-823, Class B, L-823, Class B, Style 5 & 12 Style 5 & 12

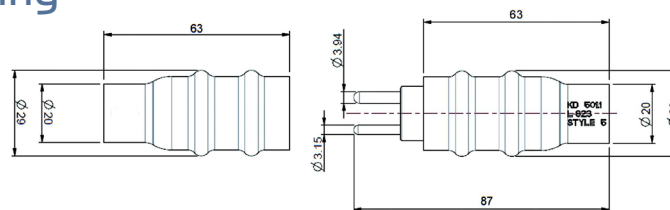
Series Circuit Secondary kits

Dimensional information

Type	Type	Conductor Size	AWG	Cable Diameter
KD501	Plug	1.5-2.5 mm ²	16-14	8.5-13.5 mm
KD501.1	Plug	4.0-6.0 mm ²	12-10/8	11.5-18.0 mm
KD501.2	Plug	4.0-6.0 mm ²	12-10/8	8.5-13.5 mm
KD502	Receptacle	1.5-2.5 mm ²	16-14	8.5-13.5 mm
KD502.1	Receptacle	4.0-6.0 mm ²	12-10/8	11.5-18.0 mm
KD502.2	Receptacle	4.0-6.0 mm ²	12-10/8	8.5-13.5 mm

*KD501/502 series weights 50 g/pc

Outline drawing



Secondary Kit Contents

KD501 (Plug) and KD502 (Receptacle) are packed and delivered in kit form including all the necessary parts for connecting the assembly on the secondary cable. Each secondary connector kit contains components for a plug or a receptacle.

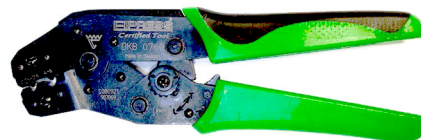
- 1 x Plug or receptacle housings
- 1 x Silicone grease tube
- 1 x Body with connecting parts
- Cleaning cloth
- Installation instructions

Suggested crimping tool

The following tools are recommended for making the connections:

Manual crimping tools:
- Elpress DKB 0760

Electrical crimping tool:
- Elpress PVL 130S - RBO560



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**Secondary kit
KD501/502**

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