



LKS Innovations

LKS Range

The LKS range is designed for professional lighting and power distribution applications. While maintaining full compatibility with Socapex SL 419 series, LKS connectors represent a significant breakthrough in terms of reliability and safety.

Features include:

- Machined contacts accepting conductors from 1,5 to 4 mm²
- Anti-Spin neoprene insert for greater reliability
- Ability to insert and eject contacts for crimping and maintenance
- Available with rubber locking ring and hardened anodized finish
- IP67 when mated
- Internal insulator

MAIN FEATURES



SILK-SCREENED INSERT

For easy identification during assembly.



GROUND FIRST CONNECTION

The position of the 6 central contacts ensures that all ground connections mate first enabling the first UL certification for Soca Style connectors.



DUAL GROUND RINGS

Bussing the 6 ground contacts



INTERCHANGEABLE RUBBERIZED LOCKING RINGS

For extended durability with multiple colors available which can be changed in the field without special tools



BODY GROUND

The only grounding system on the market fulfilling UL & NEC requirements.



INTEGRAL LOCKING SET SCREW

Captive Helicoil retention system guarantees connector integrity in the harshest touring applications.



ULTRA COMPACT SPIDER GRIP

LKS Spider guarantees secure fan out terminations with a durable strain relief while maintaining IP integrity.



LKS DATA

Incorporates integral data transport while maintaining compatibility with all conventional "Socapex" style 19 pin power connectors.



INTERCHANGEABLE LOCKING RINGS

New LKS version enables locking ring replacement on assembled connectors in the field with no special tools required.

LKS REVOLUTION! IMPROVEMENT NEVER STOPS



IMPROVED ANTI-SPINNING

The new design keeps the insert in the correct position, preventing it from rotating inside the insert holder even without gluing it. It simplifies wiring and allows the replacement of any damaged parts.



LINKLOCK

Integral 1/4 turn spring loaded locking backshell for easy assembly.



ESTA/ANSI E1.80 COMPLIANT

Integrated labeling for NEC 520.68 (D) (6). Updated silkscreen in compliance with ANSI E1.80



HIGH POWER ALUMINUM CONTACT

Aluminum pins, while carrying the same current, have the significant advantage of heating up less



FASTON FOR SHELL GROUNDING

The new integrated Faston terminal allows optional grounding of the shell.



METAL CABLE GLAND WITH SET SCREW

Metal cable gland, more robust! The set screw prevents unscrews.



"BLIND" MATING ALIGNMENT

Matching alignment identification on the backshell.



SELF-RETENTION FOR FEMALE INSERTS

The new shape of the female insert features a small protrusion in the pin housing area, increasing the coupling between male and female contacts.

UL CERTIFICATION

- Highest UL-CSA Rating with a rubber insert: UL recognized for 25 Amps of continuous current (20A CNR).
- Exclusive rubber silk-screened insert for easy and secure pin insertion.
- Gold plated contacts with retaining spring pins.
- Compliant with new NEC 520.68 (D) and ESTA/ANSI E1.80 specifications.



