

QWIK-LOK SPEC SHEET



Qwik Lok
Professional

125V 15A

Spec Sheet



DESCRIPTION

- ▶ **The Qwik-Lok** automatically locks a common plug and connector together and eliminates unintended disconnects, poor electrical connections, frayed cord ends, works well in all temperature and conditions and provide long life. The electrical and mechanical locking is guaranteed.
- ▶ **The locking Action is Automatic** and requires no unique handling, proprietary plugs, or unknown locking or release actions. Insert a plug and it is locked. Unlocking is standard practice around the world - Pull back 1/4" on the collar.
- ▶ **Handling:** Ease of use with bulky work gloves in all weather conditions from extreme cold and heat, wet weather, oils, mud, ice, dirt, snow, metals, most chemicals and situations.

TECHNICAL SPECIFICATIONS

- ▶ 125V 15A Parallel blade **LOCKING** Connector
- ▶ Uses any grounded or non grounded parallel straight blade plugs. Holes in the plug blades are required for the locking system to work.
- ▶ Hard wired to any 10-16 ga. extension cords (any original ends are discarded)
- ▶ **Electrical Contacts:** Arc and spark resistant, highly conductive Beryllium Copper alloy with 5 contact points per blade on faces and edges of each blade. Resist chemicals, heat, corrosion, contact spring tension loss and wear.
- ▶ Transmits 55% of the electricity vs 11-15% of others.
- ▶ **Locking Method:** Strong hard brass mechanical locks are spring loaded to lock into each hole of the plug blade
- ▶ **Plastics:** Poly-carbonate housing, collar and cap: durable, strong, long lasting and not compromised in adverse working and temperature environments. (NOTE: Some solvents adversely affect poly-carbonates- check the label for compatibility)
- ▶ **Holding strength:** well above 250 lbs. with 12 ga. cord
(NOTE: Many OEM PLUGS are not able to withstand such tensions and may result in wires tearing out of the plug. The powered end - the Qwik-Lok, is designed to always remain safe as the wires will not tear out, become loose, or give way.)
- ▶ **Temp Range:** approx. -60F to 160F, -50C to 70C
(NOTE: All plastics become more brittle during extreme cold below -10F. Use a bit more care)

BENEFITS

- ▶ No more time and Money losses
- ▶ Guaranteed Performance and power at all times, in all conditions. No corrosion, arcing, failures, burn outs, connection losses.
- ▶ Safety is the best, possible electrocution eliminated, even children can use this with complete safety.
- ▶ Streamlined shape minimizes snagging.
- ▶ Used in all situations - industrial, trades, factories, home and garden, limited wet environments, winter or desert.
- ▶ Handles the roughest of environment well.

APPLICATIONS

- ▶ Construction, Industry, heavy duty applications, commercial, professional, trades, ass'y plants, factories, fire & safety, MRO, schools and institutions, TV, film, theater, lighting, sound and stage, farms, automotive, DIY, machine and woodworking shops, food processing, home and garden etc.
- ▶ Certified by UL, CSA, meets OSHA requirements, approved or signed off by all Workers Compensation and Gov't boards that have been contacted. There have been NO rejections.

List Price: \$19.95



David Prince
COMPANY

Wiring Instructions

Wiring Preparation

You need, knife, wire cutters, Philips #2 screwdriver

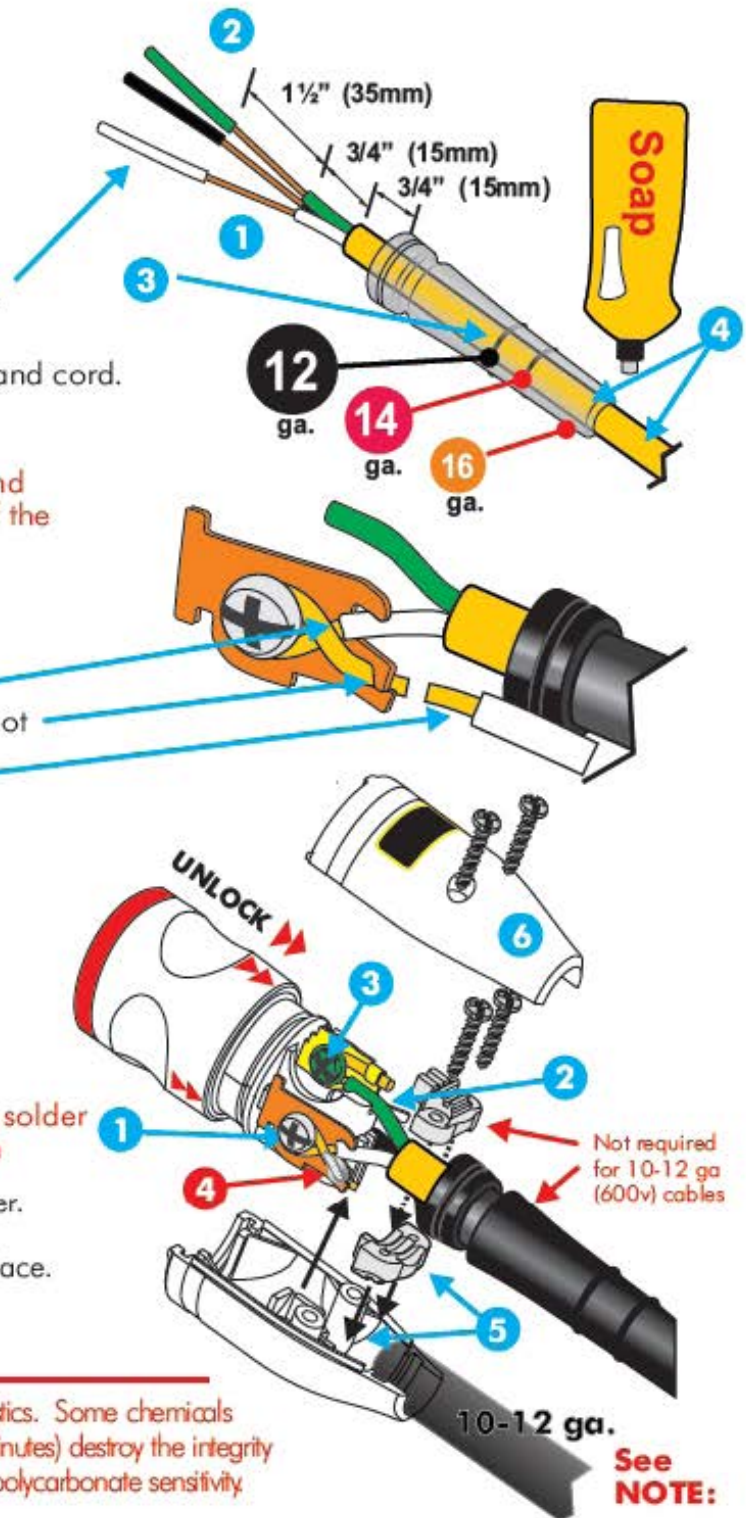
1. Strip approx 3" exterior wire insulation.
2. Bare 1 1/2" of all wires as shown. Leave pig-tail insulation on for a twisting handle.
3. Cut cord restraint to cord gauge or diameter
4. For easy install: lube the inside of cord restraint and cord. **LIQUID SOAP** works great!

NOTE: For 10-12 ga (5/8" dia. cords), the whip and cable clamp are not used. These cords nest inside of the wiring cover shells (see below).

Wiring First: tightly twist all wires

1. Wrap **WHITE** wire around **SILVER** screw. Keep wire tight. Lead the wire to the soldering slot and insert it. Crimp the slot. Tighten screw. Trim excess wires.
2. Repeat #1 for the **BLACK** wire to be wrapped around the **BRASS** screw.
3. Repeat #1 for the **GREEN** wire to be wrapped around **GREEN** screw. Bend tab as shown.
4. **Optional.** As used in the Hospitals, military, film / TV / Stage and lighting: solder the wires for a permanent and perfect connection
5. Insure that the cable clamp is in place on lower cover. Install the lower cover on the Qwik-Lok body. Place the cable clamp on the cord and screw it in place. **DO NOT over-tighten**
6. Install upper cover. **DONE**

Caution: The Qwik-Lok is made from tough polycarbonate plastics. Some chemicals such as brake or carburetor cleaner will, after some time (> 15 minutes) destroy the integrity of the plastics. Check labels of these questionable chemicals for polycarbonate sensitivity



Qwik Lok Professional

125V 15A

Technical Features

High Tech

The Qwik-Lok Professional is an excellent solution for unintended disconnections and safety issues which are: staying connected; eliminating frayed cord ends; preventing worn out or burnt out connections; solving poor conductivity; preventing stiff or loose insertions or withdrawal of plugs in cold and hot weather; a minimal or elimination of arcing or corrosion; no more snagging ends due to a boxy bulky design; perfected terminal connections to prevent wires from coming loose or losing connectivity and a VERY long life span typically 3 years longer than other devices.

Use anywhere outside, inside, salty air, desert heat, arctic cold, dirt, mud, concrete, chemicals, mining, metal shops, sawdust, etc!

(Qwik-Lok's can handle limited wet situations such as outdoors in the heavy rain and wet snow, etc. but is not designed for marine use where a waterproof connection is mandated)

(NOTE: Some solvents adversely affect polycarbonates - check the label for compatibility)

Automatic Locking

Plug it in. **'CLICK' LOCKED!**
You Hear it. You Feel it!
It's LOCKED! Simple!

Unlocking . . .

Pull the Yellow Collar Back.
It's UNLOCKED! Simple!

Same action on air, hydraulic & water hose quick-connect couplings.

Whip (Cord Restraint)

3 inner diameters for most 12-16 ga. cords. Eliminates frayed cord ends, exposed live wires and shock.

The Guaranteed Locking Mechanism

US Patent 5,921,799

Strong "Lockers" are spring loaded to drop into and lock onto both plug prong holes **AUTOMATICALLY.**

Electrical Connections Guaranteed

Qwik-Lok uses long life Beryllium Copper alloys vs. brass, stainless steel or phosphor bronze.

- a: Non corrosive. Non arcing.
- b: Highly conductive - 50% vs. 10%
- c: More contact points - 5 vs. 1, 2 or 3

POWER EVERY TIME!

Damaged & corroded plugs still work (within limits).

- NO Burnouts;**
- NO Dangerous Arcing;**
- NO Costly Downtime.**

Wiring Terminals & Soldering Slots

Hospitals, TV & Film and heavy duty industry demand zero failure rates. They require a soldered connection for safety.

The Qwik-Lok uses **Both** a unique terminal design and an **'optional use'** soldering slot.

All 3 wires **wrap 180° around the terminal screws** for the strongest connection possible. It will not give way

The wires are then lead to a **soldering slot** for optional, optimal performance when used.

This feature found on our Hospital Grade unit is a standard feature on the Qwik-Lok Professional.

'Floating' Cable Clamp.

Tensions and micro shocks destroy and fray cords. This cable clamp, secured to the cable, inside rests against the soft rubber whip acting to absorb shocks eliminating ruined, frayed cords. Safety issues are no longer a problem.



Hospital Grade
Meets
OSHA
Standards

Your Dealer is

Qwik-Lok's are used in the
NASA Space Shuttle Program

David Prince
COMPANY