



## Installation Manual

# *Heated Handheld Terminal Holder*





Congratulations on your purchase of a quality *JLC Solutions* product. All of us at *JLC Solutions* take pride in the design and assembly of each of our products and we believe that your experience will be positive.

## Ordering, Information and Support

Phone: 770.499.9420

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## Warranty

*JLC Solutions* stands behind its products with a one year limited warranty for defects in workmanship and materials, and will handle any issues that may arise in a professional and timely manner.

**PLEASE READ AND UNDERSTAND ALL DOCUMENTATION, INSTRUCTIONS, WARRANTY AND SAFETY INFORMATION PRIOR TO PROCEEDING WITH YOUR INSTALLATION.**

**VERIFY THAT THE PARTS RECEIVED ARE COMPLETE AS DETAILED WITHIN THE PARTS LIST FOUND IN THIS MANUAL.**

If you have any concerns or questions relative to the installation of your *JLC Solutions* product, please contact *JLC Solutions* for further assistance or clarification.

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# Installation Detail

## Electrical Power Connection

Attach the *Heated Terminal Holder* power cable to the lift truck's DC power source. The *Heated Terminal Holder* is polarity independent so it does not matter which wire is positive or negative. The optimum place to connect to the lift truck power is between the battery and the ignition key. It is important to understand that the *Heated Terminal Holder* requires power at all times in order to provide heat to the laser scanner gun.

The *Heated Terminal Holder* is available in 12 volt, 24 volt and 36 - 48 volts models. Before making electrical connections please verify that the heater voltage matches the lift truck. You will find a label indicating the voltage affixed to the bottom of the *Heated Terminal Holder*.

The green LED in the *Heated Terminal Holder* will light when power is being supplied to the *Heated Terminal Holder* unit and should be on at all times except during battery changes. The red power LED located within the *Heated Terminal Holder* will illuminate when the internal temperature control circuit turns on the heater and will cycle on and off as required by your particular environment.

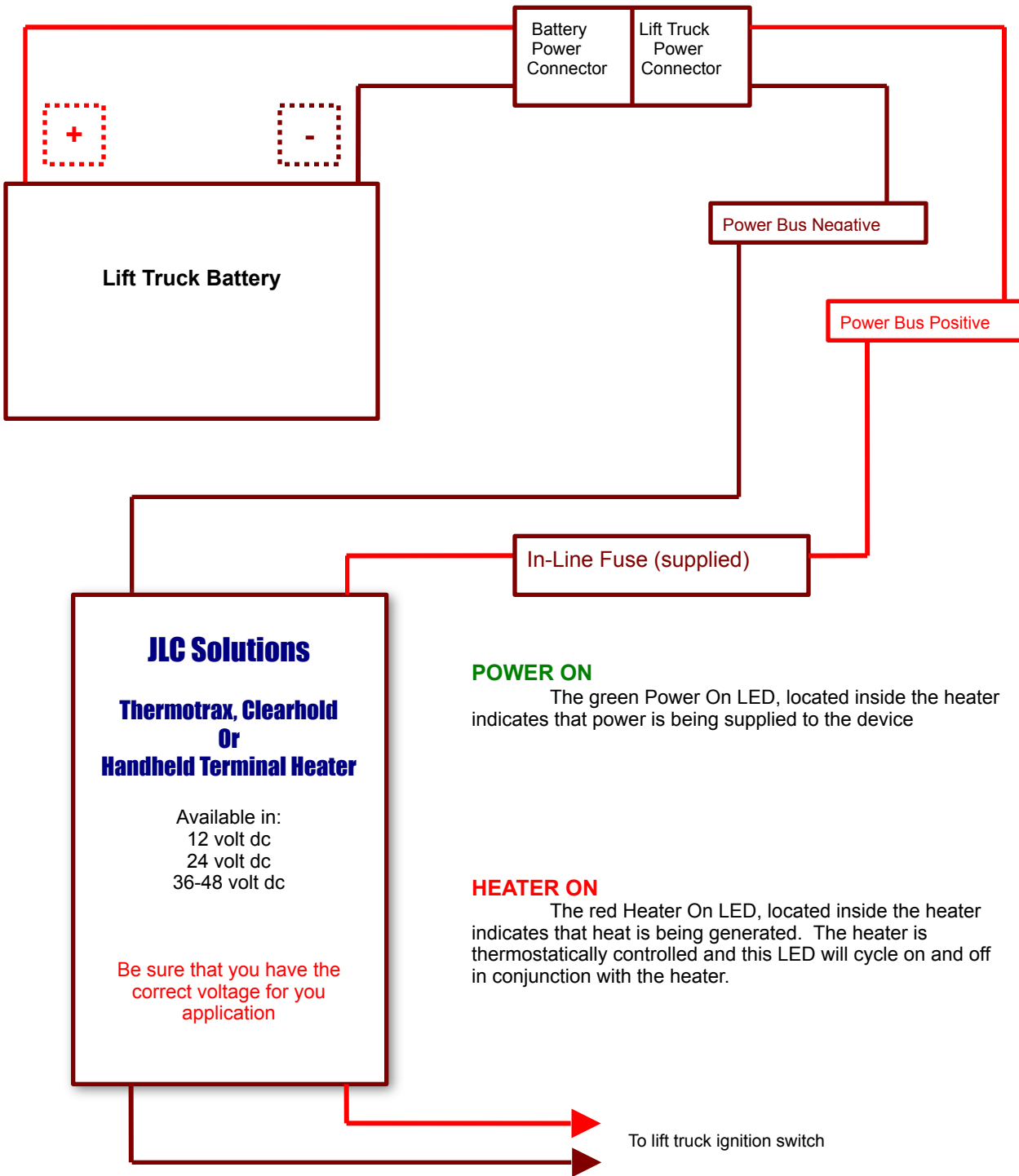
**Notice:** Please consult with your lift truck manufacturer for any specific electrical installation instructions that may apply.

Some lift truck's electrical systems generate high voltage electrical spikes and/or large surge currents, conditions that will damage various electronic devices and render them inoperable. Some lift truck manufacturers provide filtered electrical accessory connections to be used in those instances.

In all installation cases, do not connect power to a switched line. The JLC heater **MUST** receive power at all times (with the exception of lift truck battery exchanges) in order to function properly. Use the JLC recommended electrical connection diagramed unless the lift manufacturer recommends other connection points.

# Installation Detail

## Electrical Power Connection



## Installation Detail

### Mounting Bracket

The mounting bracket attached to the *Terminal Heater* is designed to give the user complete flexibility in mounting options. By removing the 3 screws on each side of the *Heated Terminal Holder* and relocating the bracket, the heated terminal holder can be mounted in the deck mount or in a wall/ scree



## Standards Committees and Organizations

You must follow all standards, rules, regulations and codes that may apply to your particular installation. These standards, rules, regulations and codes vary considerably across the various regions of the world and within the various industries. *JLC Solutions* cannot provide definitive information in regards to these worldwide safety and installation issues. In order to provide some guidance in regards to these and other installation and safety issues, please contact the appropriate organization, association, government agency or committee that has jurisdiction over your individual installation and application.

RoHS      All *JLC Solutions* products are RoHS compliant.

REACH    All *JLC Solutions* products are REACH compliant.

## Parts List

*Heated Terminal Holder*



In-Line Fuse

