

JHE-LG-GET

End of Circuit Monitor Light Kit

Instruction Manual

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INTRODUCTION

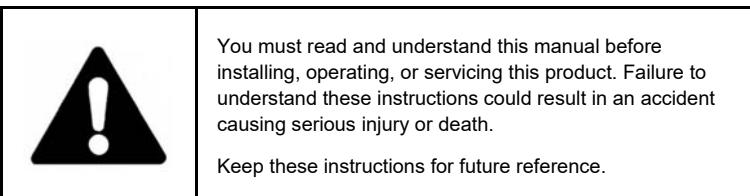
Thank you for purchasing a BriskHeat JHE-LG-GET end of circuit monitor light kit. The durable corrosion resistant enclosure provides premium protection for your electrical end seal. This product is designed to provide a long and efficient service life with function, reliability, and safety in mind. JHE-LG-GET kit is approved for use in non-hazardous area (ordinary) locations with Self-Regulating heating cables. The JHE-LG-GET kit is CSA approved for use in hazardous area locations (Class I, Div 2; Class II, Div 2; Class III) with SLCBL series heating cable only.

For additional information concerning this product, or other BriskHeat products, please contact your local BriskHeat distributor or contact us toll free (U.S. / Canada only) at 1-800-848-7673 or 614-294-3376.

APPROVALS



Class I, Division2, Groups A, B, C, D;
Class II, Division2, Groups F, G;
Class III; T5 or T6;



SAVE THESE INSTRUCTIONS!
Additional copies of this manual are available upon request.

IMPORTANT SAFETY INSTRUCTIONS



SAFETY ALERT SYMBOL

The symbol above is used to call your attention to instructions concerning your personal safety. It points out important safety precautions. It means "ATTENTION! Become Alert! Your Personal Safety is involved!" Read the message that follows and be alert to the possibility of personal injury or death.



Immediate hazards which **WILL** result in severe personal injury or death.



Hazards or unsafe practices that **COULD** result in severe personal injury or death.



Hazards or unsafe practices that **COULD** result in minor personal injury or property damage.



A person who has not read and understood all operating instructions is not qualified to operate this product.



- Do not immerse end seal in liquid.
- Keep volatile or combustible material away from end seal when in use.
- Use end seal only in approved locations.
- Keep sharp metal objects away from end seal.

Failure to observe these warnings may result in electric shock, risk of fire, and personal injury.



- Inspect all components before use.
- Do not use end seal kit if any component is damaged.
- Do not repair a damaged or faulty component.
- Do not crush or apply severe physical stress on any component of system.
- Do not operate end seal kit above rated temperature value.
- Fasten end seal kit to the pipe using approved methods only.

Failure to observe these warnings may result in personal injury or damage to the product and/or property.



End-User Must Comply to the Following:

- Only qualified personnel are allowed to connect electrical wiring.
- Disconnect all supply power at the source before making any power connections.
- All electrical wiring must follow local electrical codes and highly recommend following NEC Article 427.
- The person who performs the final installation / wiring must be qualified for this work.
- The end-user is responsible for providing a suitable disconnecting device.
- The end-user is responsible for providing suitable electrical protection device. It is highly recommended that a ground fault circuit breaker be used.

Failure to observe these warnings may result in personal injury or damage to the product and/or property.

PRODUCT OVERVIEW

Description

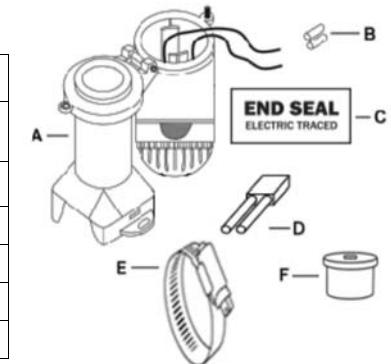
- The JHE-LG-GET is an end of circuit monitor light kit with a 360° visible LED light that indicates current at the end of the circuit.
- Once installed, the lighted end termination kit is easily re-entered for maintenance without the need to remove insulation.
- This kit may be installed at temperatures as low as -40°F (-40°C). For easier installation, store above freezing until just before installation.
- For use with self-regulating heating cables.
- CSA certified for use with BriskHeat heating cable (SLCBL, 3, 5, 8, 10, 12 W/ft).
- T6 for 3, 5, 8, and 10 W/ft, T5 for 12W/ft.

Specifications

- Maximum current: 32 A
- Maximum Voltage: 240 VAC
- Maximum Continuous Exposure Temperature (T5): 212°F (100°C)
- Ambient Exposure Temperature: -40°F ≤ Ta ≤ 149°F (-40°C ≤ Ta ≤ 65°C)

Kit Includes

Item	Qty	Description
A	1	End seal stand and light assembly with o-ring and grommet.
B	2	16-14 Insulated parallel splice crimp
C	1	End seal label
D	1	Silicone Lead termination boot
E	1	Stainless-Steel pipe strap (up to 6")
F	1	Rubber strain relief grommet



Tools and Materials Required for Installation

- Wire cutters
- Utility knife
- Phillips screwdriver
- Needle nose pliers
- Slotted screwdriver or 5/16 in nutdriver
- Pipe strap
- Fiber glass tape

PRIOR TO INSTALLATION

⚠️ WARNING

- This component is an electrical device that must be installed correctly to ensure proper operation and to prevent shock or fire. Read these important warnings and carefully follow all of the installation instructions.
- To minimize the danger of fire from sustained electrical arcing if the heating cable is damaged or improperly installed, and to comply with the requirements of BriskHeat certifications, and National Electrical Codes, Groundfault equipment protection must be used. Arcing may not be stopped by conventional circuit breakers.
- Component approvals and performance are based on the use of BriskHeat specified parts only. Do not use substitute parts or vinyl electrical tape.
- The black heating cable core is conductive and can short. It must be properly insulated and kept dry.
- Damaged bus wires can overheat or short. Do not break bus wire strands when scoring the jacket and core.
- Keep components and heating cable ends dry before and during installation.
- Bus wires will short if they contact each other. Keep bus wires separated.
- Use only fire-resistant insulation materials, such as fiberglass wrap or flame-retardant foam.

WARNING: Explosion hazard - Substitution of components may impair suitability for Class I, Division 2.

AVERTISSEMENT: Risque d'explosion - La substitution de composants pourrait être impudiable pour la Classe I, Division 2.

WARNING: This equipment is suitable for use in Class I, Division 2, Groups (as applicable) or non-hazardous locations only.

AVERTISSEMENT: Cet équipement peut être utilisé uniquement dans des groupes (le cas échéant) de Classe I, Section 2 ou dans des endroits non dangereux .

CAUTION: Risk of electric shock-disconnect the electric power before servicing.

ATTENTION: Risque de choc électrique débrancher avant la maintenance.

INSTALLATION INSTRUCTIONS

1

- Allow approximately 24 in (60 cm) of heating cable for installation.
- Cut off heating cable end at approximately 45° for easier insertion.
- Apply lubricant for easier insertion into grommet.

2

- Slide heating cable through stand and rubber strain-relief grommet.
- Square off cable end with 90° cut.

3

- Measure exactly 1 1/2 in (38 mm).
- Lightly score outer jacket around and down as shown
- Bend heating cable to break jacket at score; remove outer jacket.
- Remove all exposed braid.

4

Do not cut bus wires

- Measure exactly 1 in (25mm).

- Lightly score inner jacket around and down as shown.

- Remove inner jacket.

- Notch core.

- Peel bus wire from core.

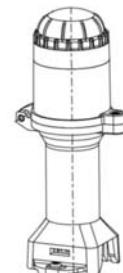
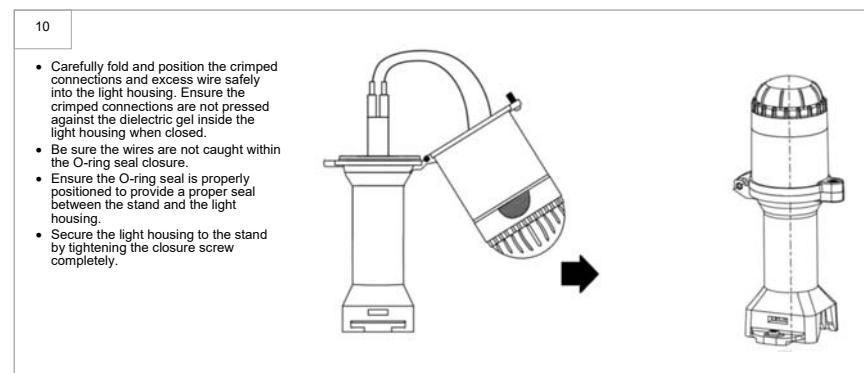
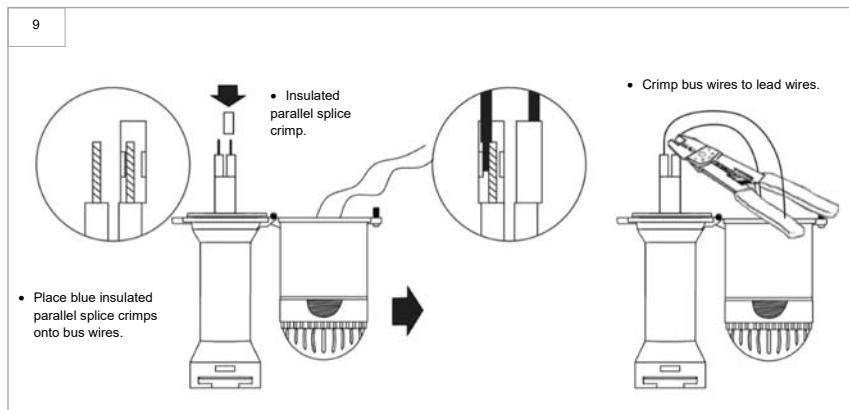
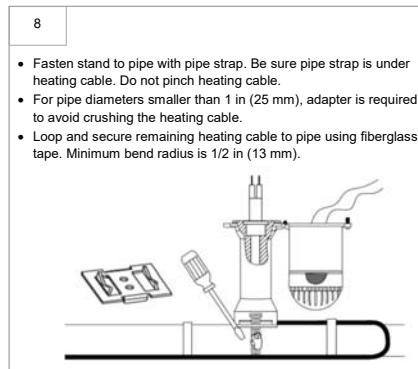
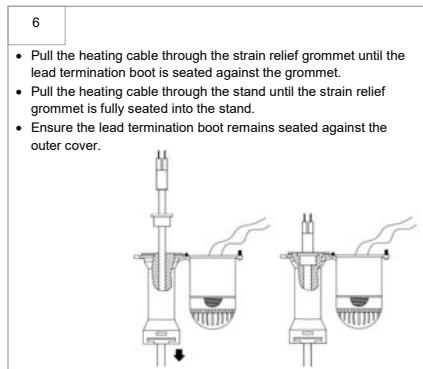
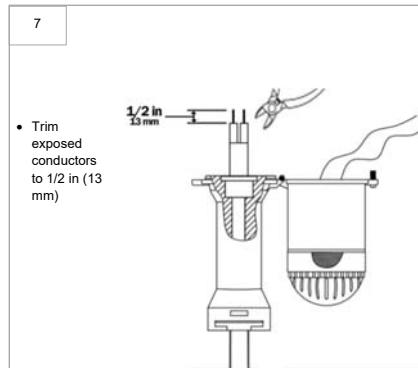
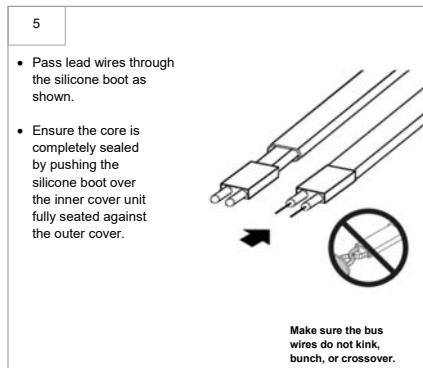
Do not cut bus wires

- Score core between bus wires at inner jacket.

- Bend snap and remove core.

- Strip and remove any remaining core material from bus wires.

- Ensure a minimum length of 3/4 in (19 mm) bus wire remains before continuing.



WARRANTY INFORMATION

BriskHeat warrants to the original purchaser of this product for the period of eighteen (18) months from date of shipment or twelve (12) months from date of installation, whichever comes first. BriskHeat's obligation and the exclusive remedy under this warranty shall be limited to the repair or replacement, at BriskHeat's option, of any parts of the product which may prove defective under prescribed use and service following BriskHeat's examination, is determined by BriskHeat to be defective. The complete details of the warranty can be found online at www.briskheat.com or by contacting us at 1-800-848-7673 (toll free, U.S. / Canada) or 1-614-294-3376 (Worldwide).