

HEAT TRACE CABLE LIGHTED END SEAL KIT

- LES-EHT is used with POWER TRACE "EHT" heating cables.
- For end termination of 1 heating cable.
- Type 4X/IP65, Ingress Protection against dust and water.
- Available for use in hazardous and non-hazardous areas.

Product Overview

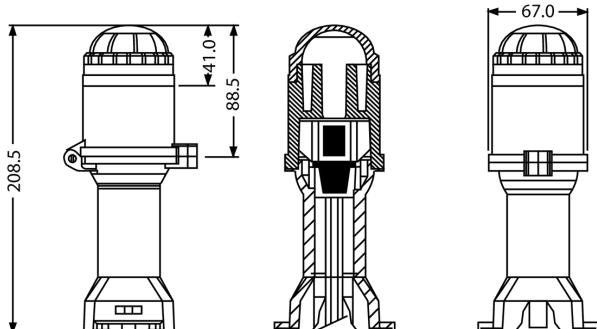
- ◆ The LES-EHT kit is designed to indicate voltage at the end of the circuit. It is approved for safe use in hazardous locations by the CSA. The LED indicator light provides excellent visibility.
- ◆ The LES-EHT integrates the functions of connection kits and insulation entries. The rugged stand protects the heating cable and allows for up to four inches (100mm) of thermal insulation.
- ◆ The cold-applied core sealer does not require a heat gun or torch for installation, so no hot work permit is necessary.
- ◆ Compared with other systems, this connection kit significantly reduces installation time.
- ◆ For pipe mounting, two pipe straps, and fiberglass tape are required and must be ordered separately.

Product Specification

LES-EHT SIZE L x W x H (mm), 120 x 120 x 90

Kit Contains: End seal stand and light assembly, Insulated Crimps and a Core Sealer.

MATERIAL Glass Reinforced Polyester, Fire Retardant



Doc.21241533

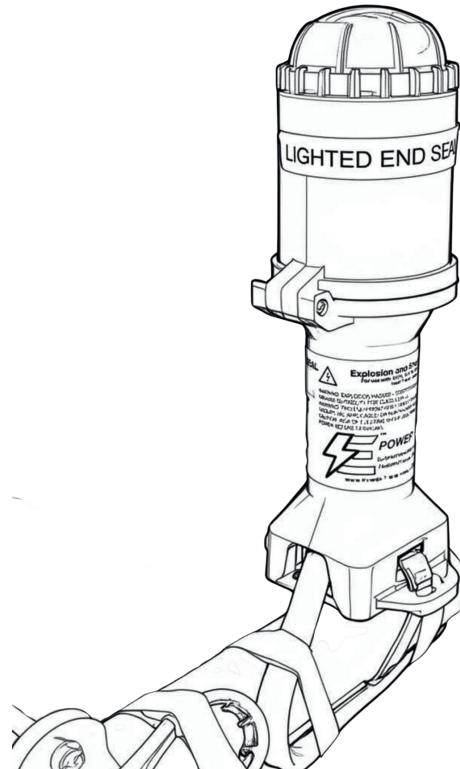
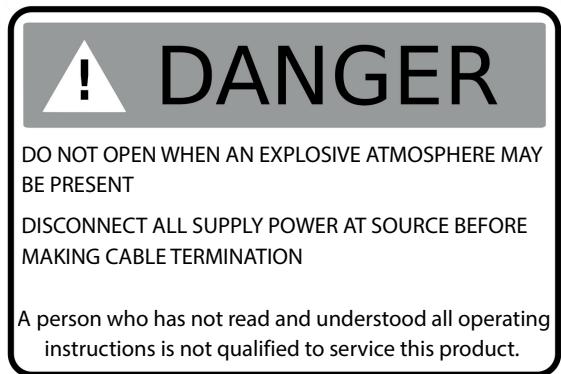


www.power-trace.com



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Sales & Support: 1 (800) 930-8221



Tools Required

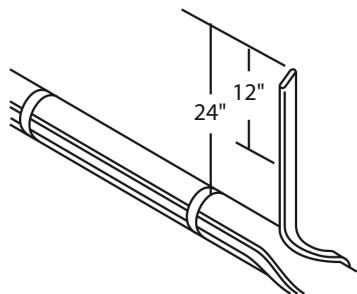
- Wire Cutter
- Slotted Screwdriver
- Utility Knife Stainless
- Scissors
- Needle Nose Pliers

Additional Materials Required

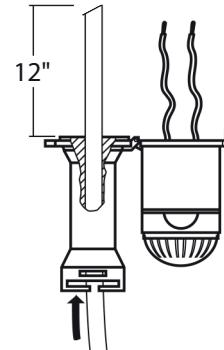
- Pipe Strap
- Fiber Glass Tape

Installation Instructions

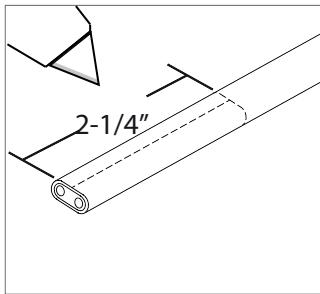
1. Install enough extra cable on piping to loop back and allow for approximately 24" of heating cable for installation.



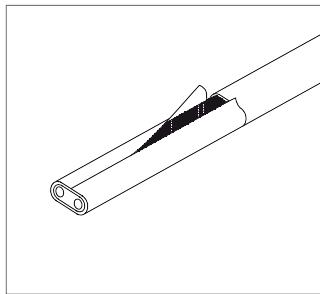
2. Slide cable up through the stand by cutting the cable at a 45° angle and applying lubricate for easier insertion.



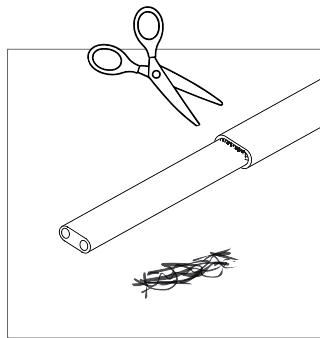
3. Measure 2-1/4" (57mm).
Lightly score outer jacket around and down as shown.



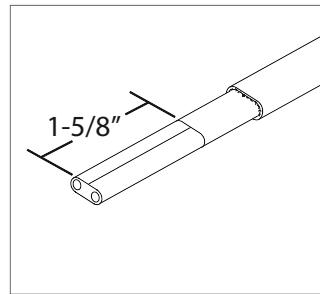
4. Bend the heating cable to break outer jacket at score; peel off the jacket.



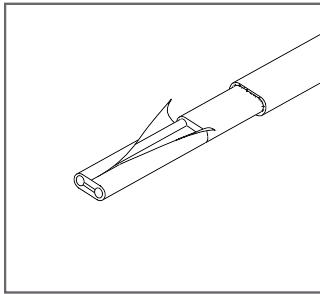
5. Remove all exposed braid.



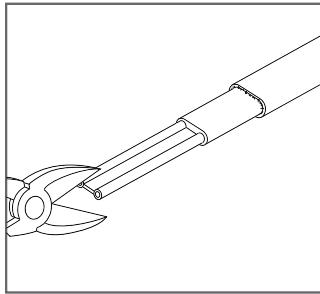
6. Measure 1-5/8" (35mm).
Lightly score around and down as shown.



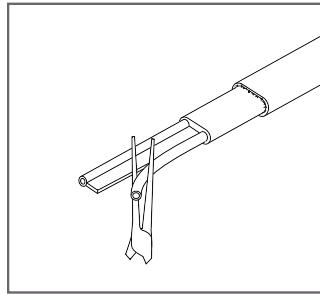
7. Peel off inner jacket.



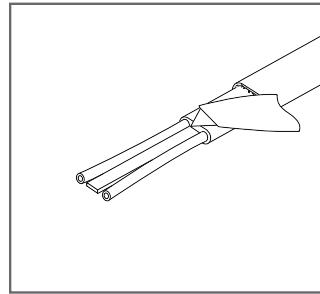
8. Notch core at bus wire.



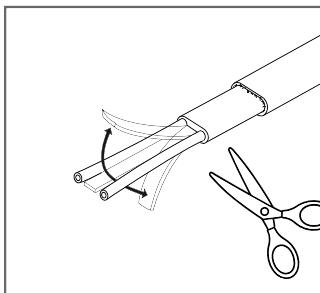
9. Using pliers, grab notch and peel bus wire from the core.
Repeat for remaining bus wire.



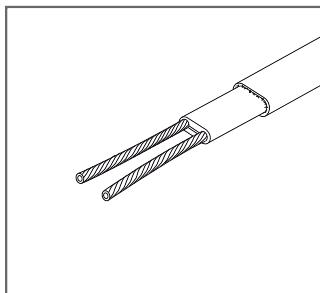
10. Score between the core and the bus wires at the inner jacket.
DO NOT CUT THE BUS WIRES.



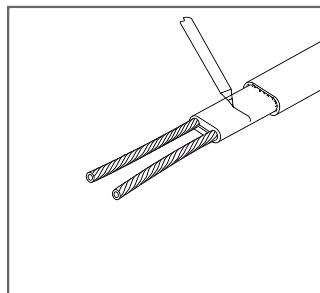
11. Bend and cut off core between bus wires.



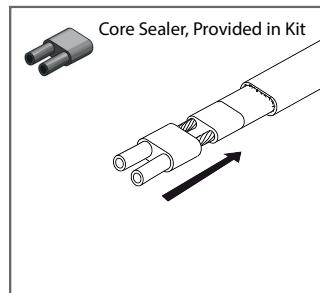
12. Peel core from the bus wires.
Remove any core material from the bus wires.



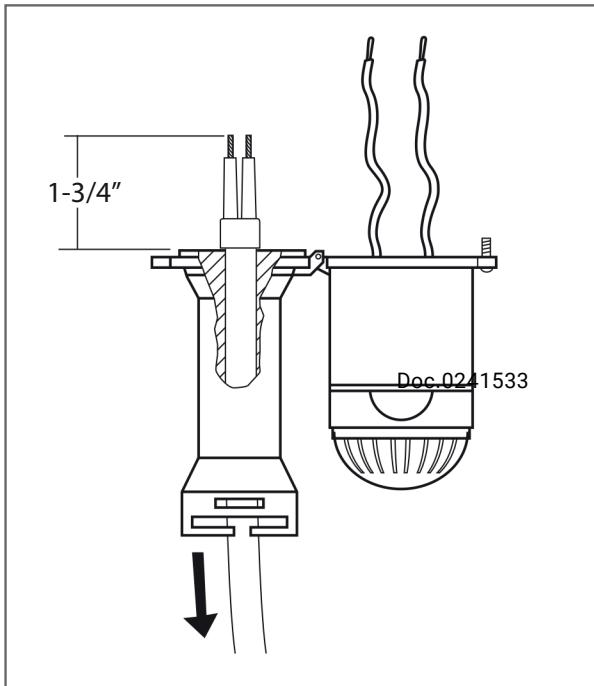
13. Mark the jacket at 5/8" (15mm).



14. Slide Lead termination boot over bus wires.



15. Pull the cable back through the end seal stand until braid is just visible above the strain relief.



16. Fasten the end seal stand to pipe with a pipe strap (not provided). DO NOT PINCH THE HEATING CABLE! (Be sure the pipe strap is under heating cable). Loop and tape the extra heating cable to the pipe as shown in Figure 1. Minimum bend radius is 3/4" (20)mm.

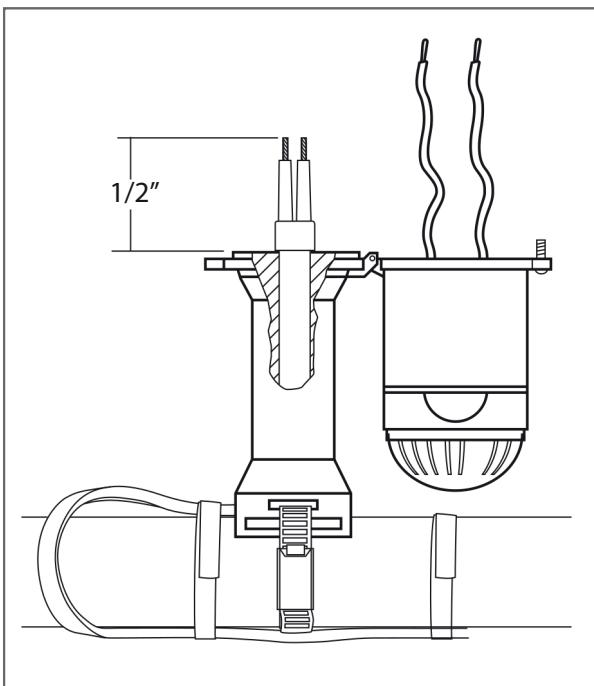


Figure 1.

17. Slide the provided insulated blue crimps over the exposed bus wires as shown in Figure 2.

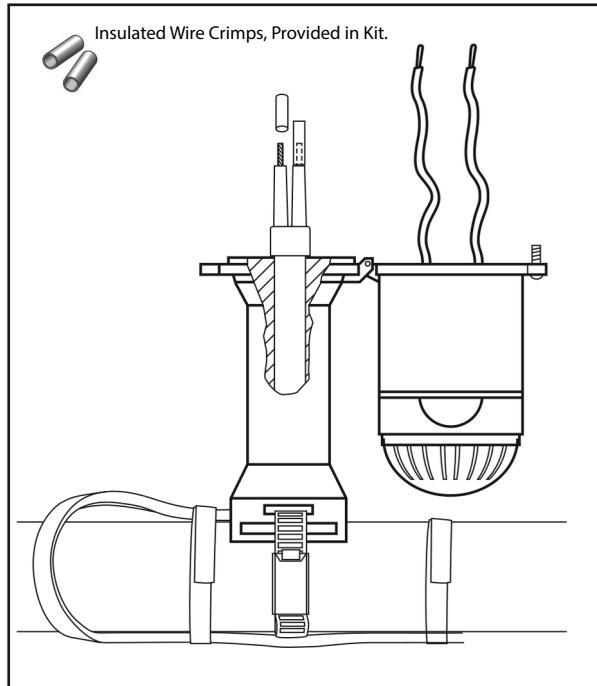
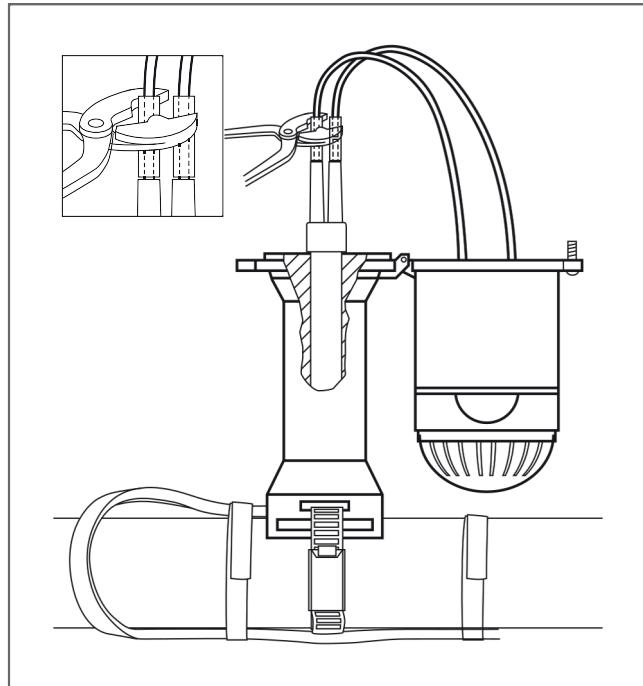


Figure 2.

18. Crimp bus wire to the lead wires of the light.



Power on check

19. Energize heater cable and verify the light turns on.



Suitable for Class I, Division II, Groups A, B, C and D and Class II, Division II, Groups E, F and G hazardous (classified) locations with an ingress protection rating type 4X, IP65. $-40^{\circ}\text{C} \leq \text{Ta} \leq 65^{\circ}\text{C}$

Approvals valid only when installed in accordance with all applicable instructions, codes, and regulations.



LES-EHT

LIGHTED EHT HEATING CABLE TERMINATION KIT

Certifications / Approvals

CAUTION:

- INSPECT PRIOR TO USE.
- DO NOT USE LES IF ANY COMPONENT IS DAMAGED.
- DO NOT OPERATE LES ABOVE RATED TEMPERATURE VALUE.
- FASTEN LES TO DEVICE USING APPROVED METHODS ONLY.
- “RISK OF ELECTRIC SHOCK-DISCONNECT THE ELECTRIC POWER BEFORE SERVICING”
- “ATTENTION: RISQUE DE CHOC ÉLECTRIQUE-DÉBRANCHER AVANT LA MAINTENANCE”

NOTE:

- 1. Operating ambient temperatures: $-40^{\circ}\text{F} \leq \text{Ta} \leq 149^{\circ}\text{F}$ (-40°C to 65°C)
- 2. Max. Current: 40A
- 3. Rated voltage: 85~277V

WARNING:

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

“WARNING – EXPLOSION HAZARD – SUBSTITUTION OF COMPONENTS MAY IMPAIR SUITABILITY FOR CLASS I, DIVISION 2”

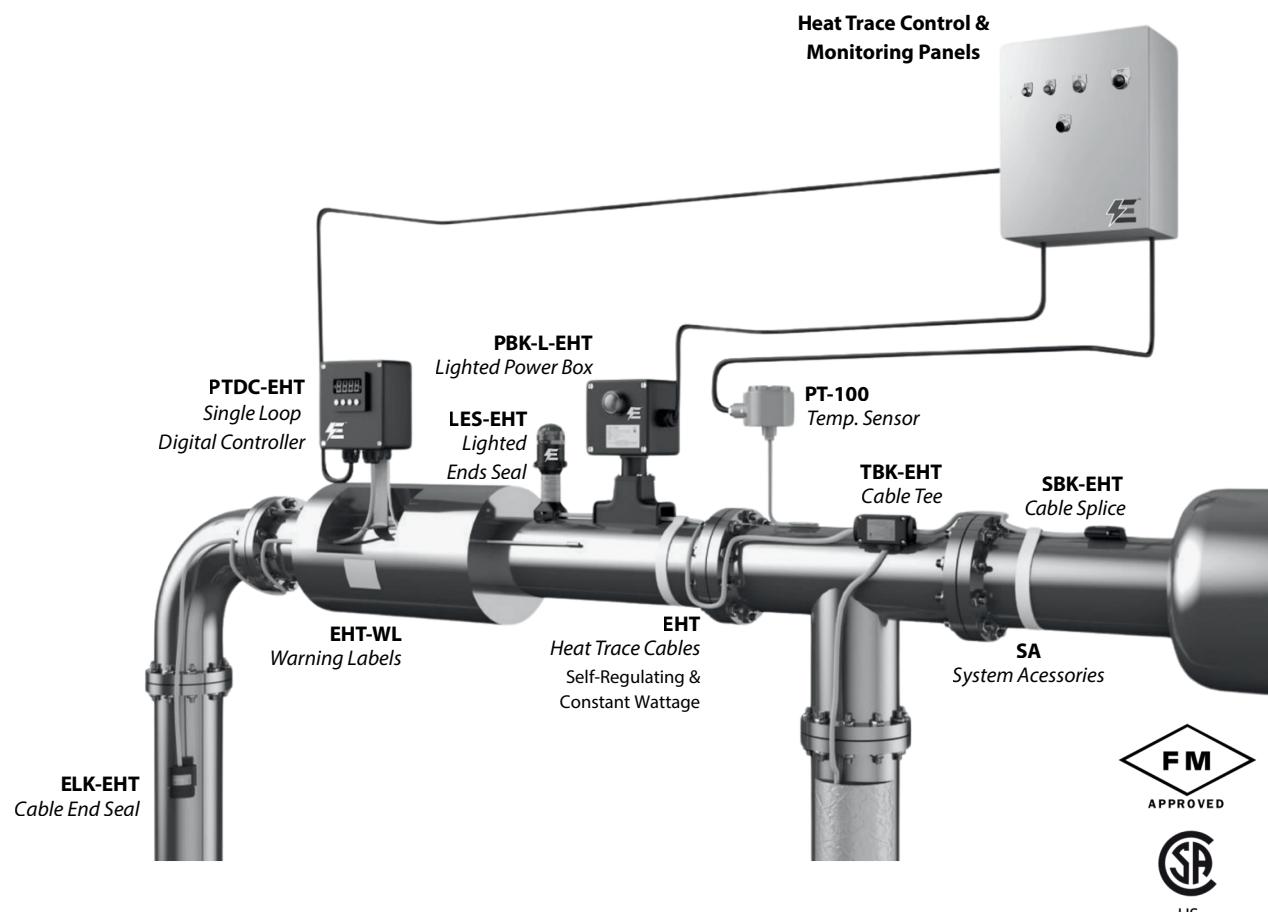
“THIS EQUIPMENT IS SUITABLE FOR USE IN CLASS I, DIVISION 2,
GROUPS (AS APPLICABLE) OR NON-HAZARDOUS LOCATIONS ONLY”

When wiring, it is highly recommended to follow all local electrical codes and NEC Article 427.

When wiring, the customer must exercise caution to avoid damaging the cable's insulation.

OTHER POWER TRACE PRODUCTS

For Ordinary and Hazardous Environments



Your Reliable Source for High-Quality and Long-Lasting Heat Trace Systems.



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