

Terminator™ ZE-B Beacon

LED End of Circuit Light Kit
INSTALLATION PROCEDURES



The Heat Tracing Specialists®

Terminator™ ZE-B Beacon

INSTALLATION PROCEDURES

Receiving, Storing and Handling . . .

1. Inspect materials for damage incurred during shipping.
2. Report damages to the carrier for settlement.
3. Identify parts against the packing list to ensure the proper type and quantity has been received.
4. Store in a dry location.

Kit Contents . . .



Item	Quantity	Description
1	1	Expediter Assembly Grommet Compressor Grommet Support Base with O-Ring
2	1	Light Module Cover
3	1	Banding Guide
4	1	Banding
5	1	LED Light Module

Order Separately . . .

SCTK Connection Termination Kits (per cable)

SCTK-1 for BSX, RSX, VSX

SCTK-2 for KSX, HTSX

SCTK-3 for FP, HPT



Item	Quantity	Description
1	3	Splice Connection Boots
2	2	Small Crimps
3	1	Large Crimp
4	2	Small Crimp Insulators
5	2	Silicone Caps
6	3	Ground Sleeves (not used with ZE-B Kits)
7	1	RTV Tube
8	1	GRW-G (FP and HPT only)

Dimensions . . .



Installation Precautions . . .

- To minimize the potential for arcing and fire caused by product damage or improper installation use ground-fault protection.
- Installation must comply with Thermon requirements and be installed in accordance with the applicable national and local codes.
- Component approvals and performance ratings are based on the use of Thermon specified parts only.
- De-energize all power sources before opening enclosure.
- Avoid electrostatic charge. Clean only with a damp cloth.
- Keep ends of heating cable and kit components dry before and during installation.
- Individuals installing these products are responsible for complying with all applicable safety and health guidelines. Proper personal protective equipment, or PPE, should be utilized during installation. Contact Thermon if you have any additional questions

Certifications/Approvals . . .



IP66/Type 4X $-60^{\circ}\text{C} \leq T_a \leq +45^{\circ}\text{C}$
 Ordinary & Hazardous Locations
 Class I, Division 2, Groups A, B, C, & D
 Class II, Division 2, Groups F & G, Class III
 Class I, Zone 1, AEx eb mb IIC T6
 09.2238691, -G, -S, Ex e mb IIC T6
 Zone 21 AEx tD T85°C



FMG 10.0022X Ex eb mb IIC T6, Ex tb IIIC T85°C

CE 1725 Ex II 2 GD Ex eb mb IIC T6, Ex tb IIIC T85°C, FM 10ATEX0058X

Tools Required . . .

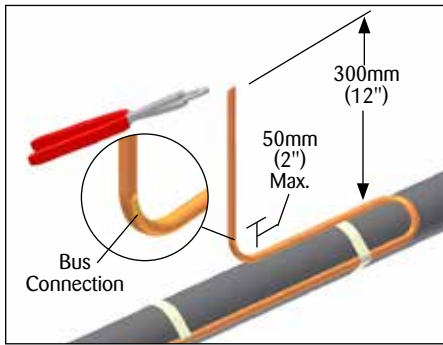


Note: Crimp Tool - Ideal 30-429 or factory approved alternate.

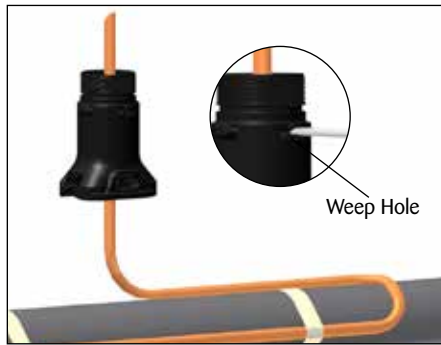


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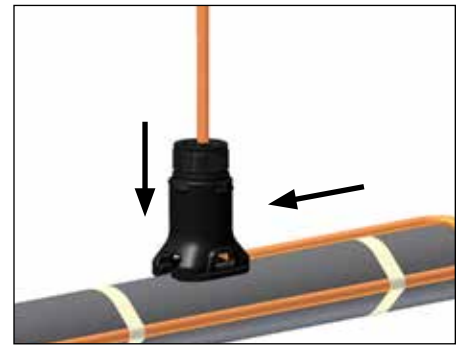
Terminator™ ZE-B Beacon INSTALLATION PROCEDURES



1. Locate bus connection (HPT and FP only) and cable as shown. Cut end of cable at angle to aid in piercing grommet. Leave additional cable for expansion loop.



2. Insert cable into expediter. If mounted on bottom of pipe, punch out weep hole.
Note: For HPT and FP cable, exchange grommet in Terminator with GRW-G provided in PETK-3.



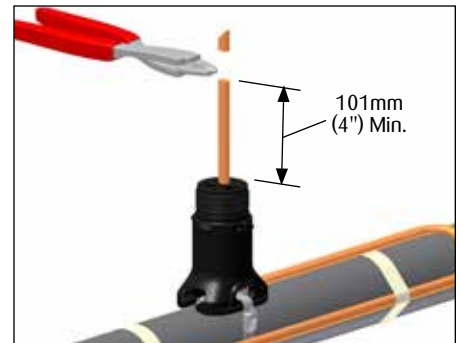
3. Slide expediter toward pipe and route cable through support base entry.



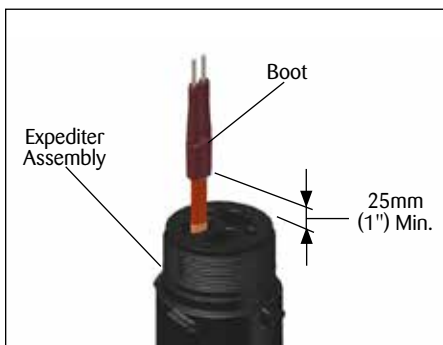
4. Insert banding guide into expediter and snap into place.



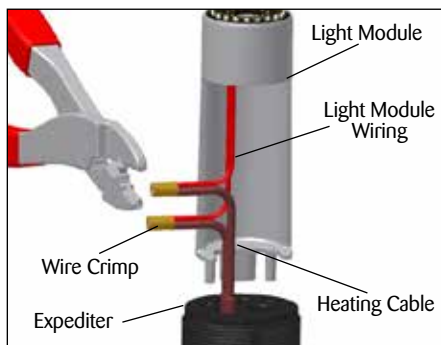
5. Mount expediter to pipe using pipe band. Do not band over cable.



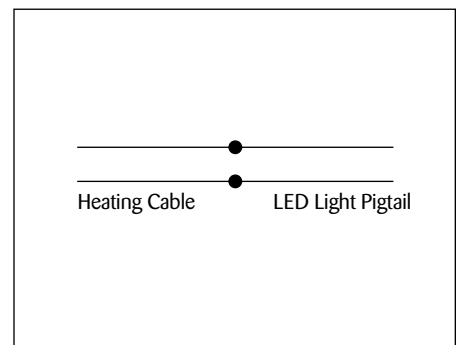
6. Cut off end of cable.



7. Terminate cable with appropriate SCTK termination kit. Refer to SCTK installation instructions. Push excess cable back through expediter. Remove braid pigtail. Tape cable expansion loop to pipe.



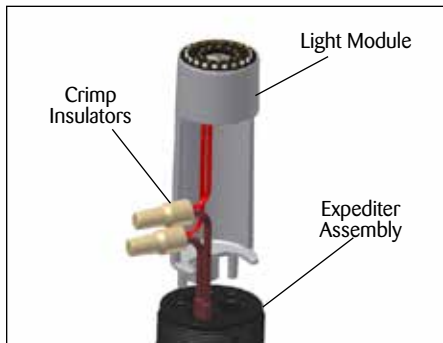
8. Connect heating cable to light module wires using small crimps. Discard large crimp. See wiring details.



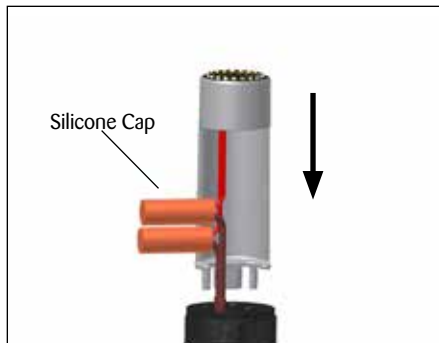
Wiring Schematic for LED Light

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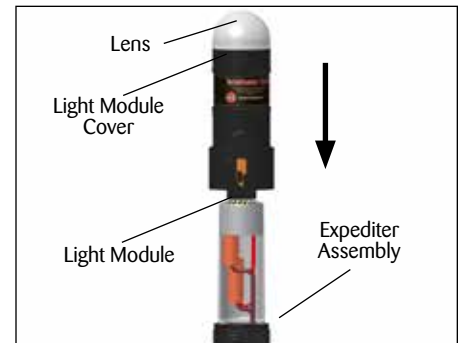
INSTALLATION PROCEDURES



9. Snap on crimp insulators.



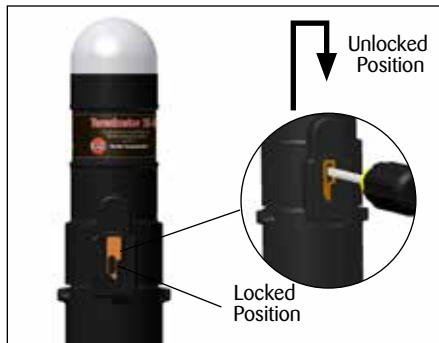
10. Slide silicone caps over crimp insulators. Install Light Module to Expediter.



11. Arrange crimped leads to fit inside light module base. Slide the light module cover over light module.



12. Engage threads. Rotate light module cover clockwise and tighten cap securely. Make sure latch mechanism is in the locked position.



13. To remove cap, de-energize circuit, lift latch mechanism, and unscrew cap.



ISO 9001
REGISTERED

THERMON . . . The Heat Tracing Specialists®

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