



PRODUCT SPECIFICATIONS

# Terminator™ Beacon LED END OF CIRCUIT LIGHT KITS

### APPLICATION

The Thermon Terminator™ Beacon end-of-circuit light kits are designed specifically for rapid, trouble-free installation of Thermon self-regulating and power-limiting, parallel resistance polymer insulated heating cables. The integral design of these nonmetallic kits combines the pipe-mounted fitting, heating cable grommet and cable strain relief with end-of-circuit voltage indication into a single assembly. Screws have been eliminated from the kits to simplify installation.

The Terminator™ Beacon utilizes a high intensity green LED assembly for superior day or night visibility. This light is also available with a high intensity red LED. A domed lens allows for enhanced viewing from elevated locations.

The Terminator™ Beacon kits are approved for use in ordinary (nonclassified) areas and hazardous (classified) areas.

### RATINGS

|   |                               |
|---|-------------------------------|
| Ingress Protection .....                | Type 4X, IP66                 |
| Maximum pipe exposure temperature ..... | 482°F (250°C)                 |
| Minimum installation temperature .....  | -76°F (-60°C)                 |
| Operating ambient temp .....            | -76°F (-60°C) to 131°F (55°C) |
| Operating voltage rating .....          | 100-277 Vac                   |
| T-rating <sup>1</sup> .....             |                               |
| Ambient less than 113°F (45°C) .....    | T6 185°F (85°C)               |
| Ambient up to 131°F (55°C) .....        | T5 212°F (100°C)              |

### Note

1. T-rating per the National Electrical Code and Canadian Electrical Code.

### CERTIFICATIONS/APPROVALS

The Terminator™ kits have the following approvals when used in conjunction with Thermon heating cables:



FM Approvals  
 Ordinary Locations  
 Hazardous (Classified) Locations  
 Class I, Div 2 Group ABCD,  
 Class II Div 2 Group FG,  
 Class III  
 Class I, Zn 1 AEx, eb mb IIC T6 to T5 Gb (ZE-B only)  
 Zone 21 AEx tb IIIC T85°C Db (ZE-B only)  
 IP66/Type 4X



Canadian Standards Association  
 Ordinary Locations  
 Hazardous (Classified) Locations  
 Class I, Div 2 Group ABCD,  
 Class II Div 2 Group FG,  
 Class III  
 Class I, Zn 1 AEx, eb mb IIC T6 to T5 (ZE-B only)  
 Gb Ex eb mb IIC T6 to T5 Gb (ZE-B only)  
 Zone 21 AEx tb IIIC T85°C Db (ZE-B only)  
 Ex tb IIIC T85°C Db (ZE-B only)  
 IP66/Type 4X  
 -60°C ≤ Ta ≤ +45°C, T6, T85°C  
 -60°C ≤ Ta ≤ +55°C, T5, T85°C  
 Min. Install Temp. -60°C



### CONSTRUCTION

- 1 LED end of circuit light
- 2 Pipe-mount expediter, glass-reinforced polymer
- 3 Stainless steel pipe attachment band

### PRODUCT REFERENCE LEGEND

“DE-B” Kits Division 2 and Zone 2 Areas  
 “ZE-B” Kits Zone 1 Areas

SCTK Kit (purchased separately) is required to terminate the cable ends.

For use with DE-B kits, terminating with wire nuts.

- SCTK-1D** for BSX, RSX, and VSX-HT cables
- SCTK-2D** for KSX, HTSX, and USX cables
- SCTK-3D** for HPT and FP cables

For use with ZE-B kits, terminating with crimp lugs.

- SCTK-1** for BSX, RSX, and VSX-HT cables
- SCTK-2** for KSX, HTSX, and USX cables
- SCTK-3** for HPT and FP cables

For use with DE-B or ZE-B kits, terminating with terminal block.

- SCTK-1TB** for BSX, RSX, and VSX-HT cables
- SCTK-2TB** for KSX, HTSX, and USX cables
- SCTK-3TB** for HPT and FP cables