

# Heating Cable

## HL

### Hazardous Location Connection Kits

#### Power Connection Kit

- Explosion Proof Box Providing Electrical Connection for 1 Cable

#### End Seal Kit

- Explosion Proof Box Providing Termination for 1 Cable

#### Splice Kit

- Explosion Proof Box Providing Cable Entry for 2 cables

#### Tee Kit

- Explosion Proof Box Providing Cable Entry for 3 Cables

#### Signal Light Kit

- Explosion Proof Signal Light Kit with LED



#### Description

The HL Series Connection System for Chromalox heating cable products is specifically designed to comply with the requirements of Division 1 hazardous areas.

#### Applications

- Process Temperature Maintenance
- Fluid Flow and Viscosity Maintenance

#### Features

- High strength aluminum alloy cast bodies
- Corrosion resistant
- Internally threaded junction box body with externally threaded cover
- Seal fitting applicable for use on vertical or horizontal conduit

#### Approvals

**FM** - Factory Mutual Certified for use in ordinary areas and:

- Class I, Division 1, Groups B, C, D
- Class II, Division 1, Groups E, F, G
- Class III, Division 1

**CSA** Certified for use in ordinary areas and:

- Class I, Division 1, Groups B, C, D
- Class II, Division 1, Groups E, F, G

## Heating Cable

### HL Series

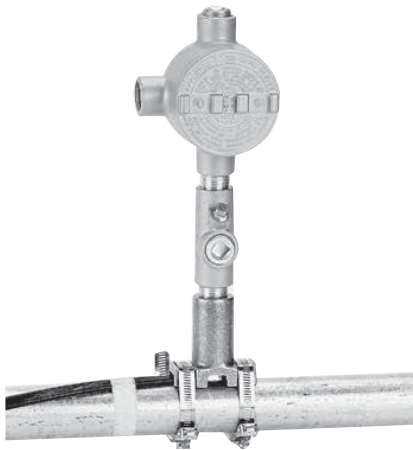
#### Hazardous Location Connection Kits (*cont'd.*)

##### Available Models

##### *Power Connection Kit for Hazardous Locations HL-PC*

The Model HL-PC Hazardous Location Power Connection Kit is a Division 1 certified junction box and seal fitting. The pipe stand-off and seal fitting combination provides a water resistant and explosion proof seal. The junction box has a 3/4" opening with top or side entry for the power connection. Pipe straps (not included) are used to provide a means to attach this model to the pipe.

##### *Exterior Construction*



##### *Power Connection Kit*

- Pipe standoff allows for easier installation of heat trace insulation system
- Opening for 3/4" male fitting
- Internally threaded junction box body with externally threaded cover allowing for more room when wiring
- Simple sealing compound kit

##### *End Seal Kit for Hazardous Locations HL-ES*

The Model HL-ES Hazardous Location End Seal Kit is a Division 1 certified junction box and seal fitting. This kit is designed for end of run sealing for self regulating cable in Division 1 areas. The pipe stand-off and seal fitting combination provides a water resistant and explosion proof seal. Pipe straps (not included) are used to provide a means to attach this model to the pipe.

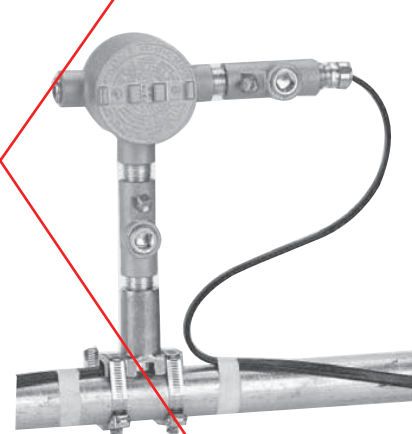


##### *End Seal Kit*

- Pipe standoff allows for easier installation of heat trace insulation system
- Internally threaded junction box body with externally threaded cover allowing for more room when wiring
- Simple sealing compound kit

##### *Splice Kit and Tee Kit for Hazardous Locations HL-S and HL-T*

The Models HL-S and HL-T Hazardous Location Kits are a Division 1 certified junction box and seal fittings. These kits are designed for the splicing of two or three self regulating cables in Division 1 areas. The cable entry fitting and seal fitting combination provides a waterresistant and explosion proof seal. Pipe straps (not included) are used to provide a means to attach this model to the pipe.



##### *Splice Kit and Tee Kit*

- Internally threaded junction box body with externally threaded cover allowing for more room when wiring
- Cable entry fittings provide water tight seal
- Simple sealing compound kit
- The splice kit provides entry for two cables
- The tee kit provides entry for three cables

ACCESSORIES  
AND CONTROLS

# Heating Cable

## HL Series

### Hazardous Location Connection Kits (*cont'd.*)

#### Ordering Information



#### End Seal Kit for Hazardous Locations HL-ES 382221

- (1) 3/4" junction box
- (1) Seal fitting
- (1) End seal
- (1) Tube of RTV
- (1) Butt splice
- (1) Pipe stand-off
- (1) Sealing grommet
- (1) Sealing compound
- (1) Ring terminal
- (1) Green grounding wire



#### Splice Kit for Hazardous Locations HL-S 382205

- (1) 3/4" box
- (1) Cable entry fitting
- (2) 3/4" Seal fitting with nipple
- (1) Sealing compound & fiber
- (2) 4" 12 AWG leadwires (green)
- (1) Small RTV tube
- (2) Butt splice
- (2) Ring terminal
- (1) Pipe standoff
- (1) Sealing grommet
- (1) Stainless steel label
- (1) Conduit plug
- (1) Extra grounding screw
- (2) Wire nuts
- (2) Power termination seal
- (1) 3/4" to 1/2" reducing bushing



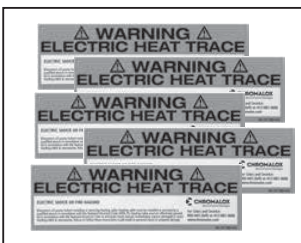
#### Power Connection Kit for Hazardous Locations HL-PC 382192

- (1) 3/4" junction box
- (1) Seal fitting
- (1) Ring terminal
- (1) Tube of RTV
- (2) Termination seal
- (1) Pipe stand-off
- (1) Sealing grommet
- (1) Conduit plug
- (1) Sealing compound
- (1) Butt splice
- (3) 12 AWG leads
- (4) Wire nuts



#### Tee Kit for Hazardous Locations HL-T 382213

- (1) 3/4" box
- (2) Cable entry fitting
- (3) 3/4" Seal fitting with nipple
- (2) Sealing compound & fiber
- (3) 4" 12 AWG leadwires (green)
- (1) Small RTV tube
- (3) Butt splice
- (3) Ring terminal
- (1) Pipe standoff
- (1) Sealing grommet
- (1) Stainless steel label
- (1) Extra grounding screw
- (2) Wire nuts
- (3) Power termination seal
- (2) 3/4" to 1/2" reducing bushing



#### Caution Labels CL-1 382424

- 5) Electric heat tracing caution labels; weather resistant



#### 208 - 240V Division 1 Signal Light Kit DISL2 393692

Explosion proof pilot light for use with HL-PC kit. Pilot light kit made with 3/4" NPSM threads and 8" flexible leads. Red LED lens. For 208-240V system.



#### 120V Division 1 Signal Light Kit DISL1 393684

Explosion proof pilot light for use with HL-PC kit. Can be used as a power connection light or end seal light. Pilot light kit made with 3/4" NPSM threads and 8" flexible leads. Red LED lens. For 120V system.