



## U Series Long Line Heat Trace Connection Accessories

LEGACY PRODUCT



### Power Connection Kit

- NEMA 4X
- Entry for 1 Cable
- 3/4" Conduit Hub Opening
- Mounts Above Insulation for Easy Access

### Splice Connection Kit

- NEMA 4X
- Entry for 2 Cables
- 3/4" Conduit Hub Opening
- Mounts Above Insulation for Easy Access

### End Seal Connection Kit

- NEMA 4X
- Entry for 1 cable
- Mounts Above Insulation for Easy Access

### Description

The Chromalox Long Line Heat Trace Connection Accessories are used to provide electrical connection to SLL heat trace cables. These kits contain specialty parts and must be used to ensure proper functioning of the SLL cable, compliance with warranty, code, and approval requirements. All connections kits use a NEMA 4X enclosure and provide all materials in a convenient, easy to use economical package.

### Applications

These accessories are designed to connect SLL heating cables to customer supplied wiring in any of the following applications:

- Freeze Protection
- Piping Process Temperature Maintenance
- Fluid Flow and Viscosity Maintenance

### Approvals

#### CSA Approved:

- Class I, Div. 2 Groups B, C, D (gases, vapors)
- Class II, Div. 2 Groups E, F, G (combustible dust)
- Class III (easily ignitable fibers and fillings)
- Temperature Coded per Design. Contact Chromalox Sales

### Features

- Molded of Durable Polyphenylene Sulphide Plastic Material\*
- Maximum Pipe Temperature 482°F (250°C)
- Corrosion Resistant
- Thermal Stability
- Non-Flammable
- High Strength and Rigidity
- Captive Hardware
- Stainless Steel Hardware to Ensure the Integrity of the System
- Liquid Tight Design Prevents Moisture from Reaching the Electrical Connections
- All Models are Rated NEMA 4X



\* This crystalline, high-performance engineering TP is characterized by outstanding high temperature stability, inherent flame resistance and a broad range of chemical resistance. PPS plastics and compounds provide various combinations of high mechanical strength, impact resistance and electrical insulation, with its high arc resistance and low arc tracking.

## U Series Long Line Heat Trace Connection Accessories *(cont'd.)*

### Accessories

#### UPC-LL Power Connection Kit PCN 394302

NEMA 4X rated junction box designed to connect SLL heating cables to customer supplied power wiring. This kit provides water-resistant cable entry for one cable, enclosure support, crimp connections, cold leads, and a water-resistant corrosion-resistant wiring enclosure with an opening to accept a 3/4" conduit hub. A pipe strap (PS series) is required to attach this model to a pipe.

**Kit Dimensions:** 9.78"H x 8.69"W x 3.6"D

**Kit Includes:**

- 1 Junction Box
- 1 Pipe Standoff
- 1 Locknut
- 1 Compression Fitting
- 1 O-Ring
- 1 Grommet
- 6 Cold Leads (12 AWG & 4 AWG)
- 9 Crimps
- 4 Tape Strips
- 2 Solder



#### UMC-LL Splice Connection Kit PCN 394310

NEMA 4X rated junction box designed to connect two SLL heating cables to each other. This kit provides water-resistant cable entry for one cable, enclosure support, crimp connections, and a water-resistant corrosion-resistant wiring enclosure with an opening to accept a 3/4" conduit hub. A pipe strap (PS series) is required to attach this model to a pipe.

**Kit Dimensions:** 9.78"H x 8.69"W x 3.6"D

**Kit Includes:**

- 1 Junction Box
- 1 Pipe Standoff
- 1 Locknut
- 1 Compression Fitting
- 1 O-Ring
- 1 Grommet
- 1 Brass Locknut
- 1 Conduit Plug
- 9 Crimps
- 4 Tape Strips
- 2 Solder



## U Series Long Line Heat Trace Connection Accessories *(cont'd.)*

### UES-LL End Seal Connection Kit PCN 394329

NEMA 4X rated junction box designed to terminate SLL heating cables outside of the insulation. This kit provides water-resistant cable entry for one cable, enclosure support, crimp connections, and a water-resistant corrosion-resistant wiring enclosure with an opening to accept a 3/4" conduit hub. A pipe strap (PS series) is required to attach this model to a pipe.

**Kit Dimensions:** 9.78"H x 8.69"W x 3.6"D

**Kit Includes:**

- 1 Pipe Standoff
- 1 Locknut
- 1 Compression Fitting
- 1 O-Ring
- 1 Grommet
- 1 Brass Locknut
- 1 Conduit Plug
- 9 Crimps
- 4 Tape Strips
- 2 Solder

