

# HEATING CABLE

## U Series Heat Trace Connection Kits/Accessories



### Single Entry Power Connection Kit

- NEMA 4X
- Entry for 1 Cable
- 3/4" Conduit Hub Opening
- Lighted or Non-Lighted

### Multiple Entry Connection Box

- NEMA 4X
- Entry for up to 3 Cables
- Power, Splice or Tee Connection
- 3/4" Conduit Hub Opening

### Above Insulation End Seal Kit

- NEMA 4X
- Fits All Pipe Sizes
- Mounts Above the Insulation for Easy Access
- **Lighted or Non-Lighted**

### Pipe Standoff Kit

- Brings Cable Outside Insulation to Customer Supplied Junction Box

### Under Insulation End Seal Kit

- 3" Dia. Curved Mounting Surface
- Stainless Steel Hardware
- 1" Wide Strapping Channel for Secure Mounting

### Small Pipe Adapter for Pipes Under 1-1/2" Diameter

### Description

The U-Series Connection Kits represent cutting edge design in heat tracing accessories. Each model in this series is designed to satisfy the unique demands of a particular operation. These high-quality models combine a variety of functions in a convenient, easy-to-use and economical package.

### Applications

These accessories are designed to connect SRL, SRP, SRM/E and CWM heating cables to customer-supplied wiring in any of the following applications:

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

### Approvals

Factory Mutual (FM) Approved and CSA certified for ordinary areas. ATEX, IECEx, FM, and CSA Approved for hazardous (classified) areas.

### CSA<sup>+</sup> and FM Approved

- Class I, Div. 2 Groups A\*, B, C, D (gases, vapors)
- Class II, Div. 2 Groups E\*, F, G (combustible dust)
- Class III, Div. 2 (easily ignitable fibers & fillings)
- For T-Ratings See Heating Cable
- UPC, UMC, UES, RTES, UESL, SSK Only
- \*CSA Only

### ATEX Approved

-  CE 0359 IIG Ex e IIC T\* Gb Ta -60°C to 195°C
- UPC, UMC, UES, RTES Only
- \* For T-Ratings See Heating Cable

### IECEx Approved:

- ITS 07.0018X Ex e IIC T\* Gb Ta -60°C to 195°C
- UPC, UMC, UES, RTES Only
- \* For T-Ratings See Heating Cable

<sup>1</sup>SSK to have these approvals when a junction box is used that is NEMA 4X rated and certified by appropriate third party agency for use for that application and hazardous locations rating (Div. 2).

### 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.



ACCESSORIES  
AND CONTROLS

\* 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.

## HEATING CABLE

### U Series Heat Trace Connection Kits/Accessories *(cont'd.)*

#### UESL RED End Seal Signal Light Kit PCN 394257

NEMA 4X rated end seal designed to power or seal one cable and indicate power on with RED universal voltage 120-277V LED indicator light kit designed for use with SRL, SRP, SRM/E and CWM cables. This model provides water-resistant cable entry and corrosion-resistant wiring enclosure. A pipe strap (PS Series) is required to attach this model to a pipe. Small pipe adapter is available for pipe size less than 1-1/2".

**Kit Dimensions:** 7"H x 3.25"W x 3.25"D

**Kit Includes:**

- 1 Pipe standoff
- 1 Self-regulating cable grommet
- 1 Constant wattage cable grommet
- 1 RED Universal Voltage 120-277V LED Light Assembly
- 2 Insulated parallel splices



#### UESL-G GREEN End Seal Signal Light Kit PCN 394353

NEMA 4X rated end seal designed to power or seal one cable and indicate power on with GREEN universal voltage 120-277V LED indicator light kit designed for use with SRL, SRP, SRM/E and CWM cables. This model provides water-resistant cable entry and corrosion-resistant wiring enclosure. A pipe strap (PS Series) is required to attach this model to a pipe. Small pipe adapter is available for pipe size less than 1-1/2".

**Kit Dimensions:** 7"H x 3.25"W x 3.25"D

**Kit Includes:**

- 1 Pipe standoff
- 1 Self-regulating cable grommet
- 1 Constant wattage cable grommet
- 1 GREEN Universal Voltage 120-277V LED Light Assembly
- 2 Insulated parallel splices



#### UAS Ambient-Sensing Thermostat\* PCN 394038

NEMA 4X rated junction box designed to connect a single SRL, SRP, SRM/E or CWM cable run to power and control cable output via ambient air temperature in non-hazardous areas. This kit provides water-resistant cable entry for one cable, enclosure support, terminal block and a water resistant corrosion resistant wiring enclosure with a 3/4" opening to accept a conduit hub (CCH-2 or equal). Stainless steel sheath probe is 9/16" diameter x 3" long. Switch rated for 22 amps SPDT 120-480 volts. Operating temperature range is -40°F to 160°F (-40°C to 71°C). Temperature set point 0° to 225°F (-81°C to 107°C) with 10°F scale divisions.

\*Only for ordinary areas.



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

**Kit Includes:**

- 1 Junction box with DIN rail & terminal block
- 1 Compression fitting
- 1 Locknut
- 1 Silicone termination boot
- 1 Pipe standoff
- 1 O-ring
- 1 Self-regulating cable grommet
- 1 Constant wattage cable grommet