

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[†] 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 2903 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

[†]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.



* 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 (-18°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

ACCESSORIES
AND CONTROLS