

# PTK-I Power Connection Kit

PTK-I Power Connection Kit for Pipes (For Use with BTT Families of Heating Cables)

## Power Kit Description

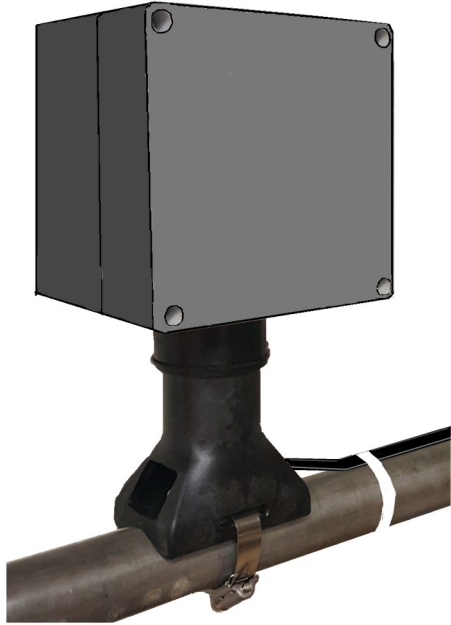
The PTK-I Power Connection Kit is designed and approved for use with the BTT family of heat trace cables. The PTK-I is NEMA 4X and is suitable for use in non-hazardous locations.

The kit provides excellent corrosion resistance to UV radiation, as well as most corrosives and inorganic chemicals.

The PTK-I Power Termination Kit incorporates a unique three-hole grommet that allows up to three cable entries for use as a single cable power kit, a power splice, or as a power tee connection kit. This multiple cable kit reduces wiring and component costs on complex piping installations.

## Features and Benefits:

- NEMA 4X Construction,
- Kit can be mounted in any orientation on your pipe run
- One, Two or Three Cable Entry for reduced wiring/component costs.
- V-Notched Base allows for installation of kit on pipe diameters down to 1/2" without the need for a small pipe adapter.
- Core Sealing Boot eliminates need for heat gun or torch.
- Rugged Base protects the heating cable(s) transition from pipe to junction box and allows up to 4" of thermal insulation.



\*Kit shown with optional UL Listed junction box.

## Kit Contents:

### **PTK-I, S**

1 Base  
 1 Threaded Cap  
 1 Top Gasket  
 1 Bottom Gasket  
 1 Three Hole Grommet  
 1 TFE Compression Ring  
 1 Core Insulating Boot  
 3 Wire Nuts  
 1 Caution Label  
 1 Locknut  
 1 UV Tie Wrap  
 1 RTV Sealant

### **PTK-I, D**

1 Base  
 1 Threaded Cap  
 1 Top Gasket  
 1 Bottom Gasket  
 1 Three Hole Grommet  
 1 TFE Compression Ring  
 2 Core Insulating Boot  
 3 Wire Nuts  
 1 Caution Label  
 1 Locknut  
 1 UV Tie Wrap  
 1 RTV Sealant

### **PTK-I, T**

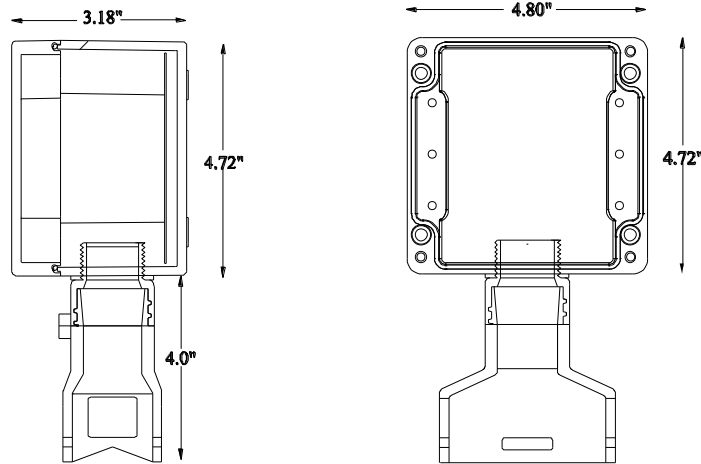
1 Base  
 1 Threaded Cap  
 1 Top Gasket  
 1 Bottom Gasket  
 1 Three Hole Grommet  
 1 TFE Compression Ring  
 3 Core Insulating Boot  
 3 Wire Nuts  
 1 Caution Label  
 1 Locknut  
 1 UV Tie Wrap  
 1 RTV Sealant



# PTK-I Power Connection Kit

## Dimensions:

(shown with Optional NEMA 4X UL Listed Enclosure)



## Specifications:

Heating Cable	BTT-P, BTT-T
Ingress Protection	NEMA 4X
Entries	1 x 1-3/8"
Minimum Installation Temperature	-40 deg F
Maximum Pipe Temperature	420 deg F
Maximum Conductor Size	8 AWG Stranded
Maximum Operating Voltage	277 Vac
Maximum Current Rating	40 Amp Heat Trace Circuit

## Materials of Construction:

Base, Cap	Ryton
Core Insulating Boot	Silicone
Grommet	Silicone
Compression Bearing	Teflon
Gaskets	Silicone

## Ordering Information:

Power Kit with One Cable	PTK-I, S
Power Kit with Two Cables	PTK-I, D
Power Kit with Three Cables	PTK-I, T

## Approvals:

UL, Pipe Heat Trace, Non-Hazardous Location