

# Raychem FTC

## HEAT SHRINKABLE CONNECTION KITS

For XL-Trace, IceStop and RaySol self-regulating heating cables

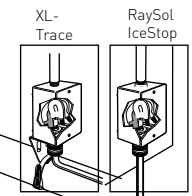
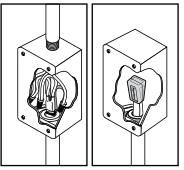
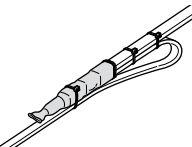
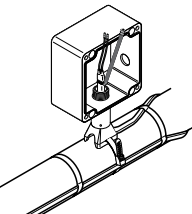
### PRODUCT OVERVIEW

The Raychem FTC heat shrinkable connection kits are used with XL-Trace, IceStop and RaySol self-regulating heating cables.

The FTC connection kits are designed to provide low cost power connection and low profile splice and tee kits.

The FTC power connection kits can be used for circuit breakers rated up to 40 A.

### POWERED CONNECTION KITS

Catalog number	Part number	Description
<b>FTC-P</b> 	111711-000	Power connection kit with end seal: The FTC-P power connection and end seal kit is for use with XL-Trace, RaySol and IceStop heating cables. Materials for one power connection and end seal is included in the kit.
<b>FTC-XC</b> 	368979-000	Power connection kit with end seal: The FTC-XC power connection and end seal kit is for use with XL-Trace and RaySol heating cables that are run through conduit to a junction box. Materials for one power connection and end seal is included in the kit.
<b>FTC-HST</b> 	354169-000	Splice or Tee kit: The FTC-HST splice or tee kit is for use with XL-Trace, RaySol and IceStop heating cables. Material for two splice or tees included in each kit.
<b>FTC-PSK</b> 	P000000927	Pipe stand and power connection kit: The FTC-PSK pipe stand and power connection kit is for use with XL-Trace heating cables. The stand is designed specifically for the DigiTrace ECW-GF electronic controllers and is compatible with other junction boxes that have 1 inch NPT entries, threaded or non-threaded. Materials for one power connection and end seal is included in the kit.

# FTC HEAT SHRINKABLE CONNECTION KITS

## SPECIFICATIONS

---

Rated voltage	120–277 V
Maximum circuit breaker size	40 A
Maximum exposure temperature	150°F (65°C)
Minimum installation temperature	0°F (-18°C)
Enclosure rating	NEMA 4X

## APPLICABLE PRODUCTS

---

XL-Trace	5/8XL1-CR/CT and 5/8/12XL2-CR/CT
IceStop	GM-1XT, GM-1X, GM-2XT and GM-2X
RaySol	RaySol-1 and RaySol-2

## APPROVALS

---



718K Pipe Heating Cable or 877Z De-Icing and Snow Melting Equipment or 9J8 6 Radiant Heating Cable



Certified with IceStop and RaySol heating cables



With XL-Trace and IceStop heating cables  
Hazardous locations:  
Class I, Div 2. Groups A, B, C, D  
GM-1XT and GM-2XT only



For XL-Trace heating cables

## DESIGN AND INSTALLATION

---

For proper design and installation of a FTC connection kit, use the appropriate product design guide and the installation instructions included with the connection kit.

## GROUND-FAULT PROTECTION

---

To minimize the danger of fire from sustained electrical arcing if the heating cable is damaged or improperly installed, and to comply with the requirements of Pentair Thermal Management, agency certifications, and national electrical codes, ground-fault equipment protection must be used on each heating cable branch circuit. Arcing may not be stopped by conventional circuit protection.



[WWW.PENTAIRTHERMAL.COM](http://WWW.PENTAIRTHERMAL.COM)

**NORTH AMERICA**

Tel: +1.800.545.6258  
Fax: +1.800.527.5703  
Tel: +1.650.216.1526  
Fax: +1.650.474.7711  
[thermal.info@pentair.com](mailto:thermal.info@pentair.com)

**EUROPE, MIDDLE EAST, AFRICA**

Tel: +32.16.213.511  
Fax: +32.16.213.603  
[thermal.info@pentair.com](mailto:thermal.info@pentair.com)

**ASIA PACIFIC**

Tel: +86.21.2412.1688  
Fax: +86.21.5426.2917  
[cn.thermal.info@pentair.com](mailto:cn.thermal.info@pentair.com)

**LATIN AMERICA**

Tel: +1.713.868.4800  
Fax: +1.713.868.2333  
[thermal.info@pentair.com](mailto:thermal.info@pentair.com)

Pentair, XL-Trace, IceStop, RaySol, and DigiTrace are owned by Pentair or its global affiliates. All other trademarks are the property of their respective owners. Pentair reserves the right to change specifications without prior notice.

© 2008–2013 Pentair.