

Raychem FTC

HEAT SHRINKABLE CONNECTION KITS

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

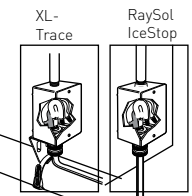
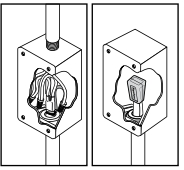
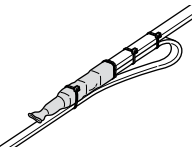
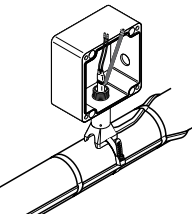
PRODUCT OVERVIEW

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
FTC-P 	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.
FTC-XC 	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.
FTC-HST 	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.
FTC-PSK 	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.



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