Raychem®

RayClic® Connection System

D100 0AT0 011A

Connection kits for Raychem® self-regulating heating cables

The RayClic® connection system is a simple, fast and reliable set of connection kits developed for select Raychem self-regulating heating cables. There is no wire stripping needed because the insulation displacement connector makes the electrical connection.

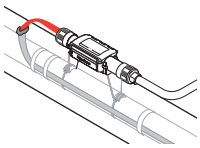
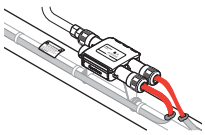
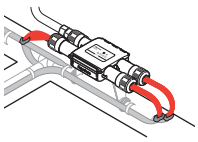
The easy-to-install RayClic connection system reduces installation time, lowering the total installed cost of the heating cable system.

Simple
- No need for special tools
- Three-step installation

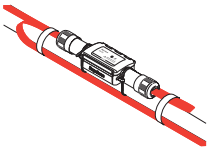
Reliable
- Intuitive installation
- Rugged, waterproof, UV-resistant enclosure

Cost-effective
- Quick installation

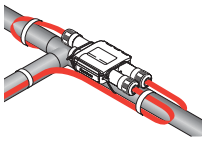
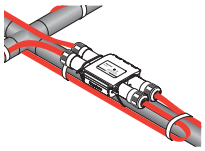
Powered Connection Kits

Catalog number	Part number	Description
RayClic-PC 	233053	A RayClic-PC can supply power to one heating cable. Each kit contains one RayClic-PC power connection, one RayClic-E end seal, and one SB-04 pipe mounting bracket. The kit includes 5' power lead wires and conduit fitting; the junction box and flexible conduit required to make a complete connection are not included. Weight: 1.8 lb (0.8 kg)
RayClic-PS 	861247	A RayClic-PS can be used as a power connection kit for supplying power to two heating cables. Each kit contains one RayClic-PS powered splice connection, two RayClic-E end seals, and one SB-04 pipe mounting bracket. The kit includes 5' power lead wires and conduit fitting; the junction box and flexible conduit required to make a complete connection are not included. Weight: 2.0 lb (0.9 kg)
RayClic-PT 	804231	A RayClic-PT can be used as a power connection kit for supplying power to three heating cables. Each kit contains one RayClic-PT powered tee connection, three RayClic-E end seals, and one SB-04 pipe mounting bracket. The kit includes 5' power lead wires and conduit fitting; the junction box and flexible conduit required to make a complete connection are not included. Weight: 2.0 lb (0.9 kg)

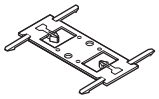
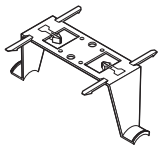
Unpowered Connection Kits

Catalog number	Part number	Description
RayClic-S 	559871	Splice kits are installed as needed to connect two heating cables together at one point. Each kit contains one RayClic-S splice. Weight: 1.3 lb (0.6 kg)

Unpowered Connection Kits (Continued)

Catalog number	Part number	Description
RayClic-T 	014023	Tee kits are installed as needed to connect three heating cables together at one point. Each kit contains one RayClic-T tee connection and one RayClic-E end seal. Weight: 1.9 lb (0.9 kg)
RayClic-X 	546349	Cross kits are installed as needed to connect four heating cables together at one point. Each kit contains one RayClic-X cross and two RayClic-E end seals. Weight: 2.0 lb (0.9 kg)

Accessories

Catalog number	Part number	Description
RayClic-E 	805979	The RayClic-E is a replacement end seal kit.
RayClic-SB-02 	852001	The RayClic-SB-02 is a wall mounting bracket for use with any RayClic connection kit.
RayClic-SB-04 	616809	The RayClic-SB-04 is a pipe mounting bracket for use with any RayClic connection kit. One pipe mounting bracket is included with each powered connection kit.

RayClic System Specifications

Rated voltage	120–277 Vac
Maximum circuit breaker size	30 A
Maximum exposure temperature	150°F (65°C)
Minimum installation temperature	0°F (–18°C)
Enclosure rating	NEMA 4X

Applicable Products

XL-Trace®	5/8 XL-CR/CT
IceStop™	GM-1X, GM-2X, GM-1XT, GM-2XT
HWAT®	HWAT-Y2, HWAT-R2, HWAT-P1
RaySol®	RaySol-1, RaySol-2

Approvals

718K Pipe Heating Cable
877Z De-Icing and Snow Melting
9J86 Radiant Heating Cable

For HWAT, IceStop, and XL-Trace only
For IceStop (GM-XT) only
Hazardous Locations
Class I, Div. 2, Groups A,B,C,D

Design and Installation

For proper design and installation of a RayClic connection system, 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 Tyco Thermal Controls 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.