

Connection kits and accessories for XL-Trace Edge, IceStop and HWAT self-regulating heating cables

PRODUCT OVERVIEW

The Raychem RayClic connection system is a simple, fast and reliable set of connection kits developed for select Raychem XL-Trace Edge, IceStop and HWAT 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

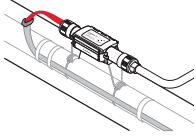
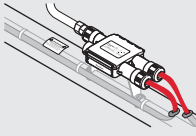
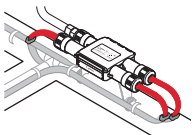
Reliable

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

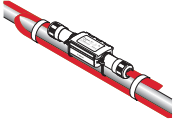
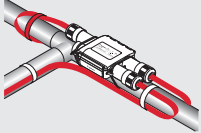
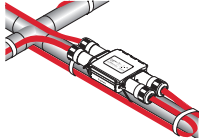
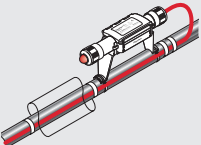
Cost-effective

- Quick installation


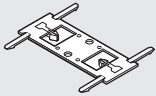
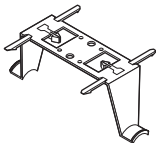
POWERED CONNECTION KITS

Catalog number	Part number	Description
RayClic-PC 	233053-000	The RayClic-PC connection kit 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 a 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 	861247-000	The RayClic-PS connection kit 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 a 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 	804231-000	The RayClic-PT connection kit 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 a 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
RayClc-S 	559871-000	Splice kits are installed as needed to connect two heating cables together at one point. Each kit contains one the RayClc-S splice. Weight: 1.3 lb (0.6 kg)
RayClc-T 	014023-000	Tee kits are installed as needed to connect three heating cables together at one point. Each kit contains one the RayClc-T tee connection and one RayClc-E end seal. Weight: 1.9 lb (0.9 kg)
RayClc-X 	546349-000	RayClc-X kits are installed as needed to connect four heating cables together at one point. Each kit contains one RayClc-X cross and two RayClc-E end seals. Weight: 2.0 lb (0.9 kg)
RayClc-LE 	P000000770	Lighted end seal kits are installed wherever an end-of-line signal light is required. Each kit contains one RayClc-LE lighted end seal and one RayClc-SB pipe mounting bracket. Weight: 1.8 lb (0.8 kg)

ACCESSORIES

Catalog number	Part number	Description
RayClc-E 	805979-000	The RayClc-E is a replacement end seal kit.
RayClc-SB-02 	852001-000	The RayClc-SB-02 is a wall mounting bracket for use with any RayClc connection kit.
RayClc-SB-04 	616809-000	The RayClc-SB-04 is a pipe mounting bracket for use with any RayClc connection kit. One pipe mounting bracket is included with each powered connection kit and the RayClc-LE lighted end seal kit.

RAYCLIC SYSTEM SPECIFICATIONS

Rated voltage	120–277 V
Maximum circuit breaker size	30 A
Maximum exposure temperature	185°F (85°C) with XL-Trace Edge cable and 150°F (65°C) with IceStop and HWAT cables
Minimum installation temperature	0°F (–18°C)
Enclosure rating	NEMA 4X

APPLICABLE PRODUCTS

XL-Trace Edge	3XLE1-CR, 3XLE2-CR, 5/8XLE1-CR/CT and 5/8/12XLE2-CR/CT
IceStop	GM-1XT, GM-1X, GM-2XT and GM-2X
HWAT	HWAT-R2, HWAT-P1

APPROVALS



718K Pipe Heating Cable



877Z De-Icing and Snow Melting



Not UL Listed with XL-Trace Edge
heating cable for buried piping



For IceStop (GM-XT) only
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 Chemelex, 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. Many Raychem control and monitoring systems meet the ground fault protection requirement.

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