


Application Specifications
Accessory Kits
Designed Specifically for 3M™ Heating Cables

Specifications for Accessory Kits to be used with TTS™ Self-Regulating Heating Cable for Pipe Freeze Protection, TTS™ Self-Regulating Heating Cable for Roof and Gutter Snow and Ice Melting, KSR™ Self-Regulating Heating Cable for Surface Snow and Ice Melting:

Specifications
Accessory kits for TTS™ Pipe Freeze Protection Cable:

- 18-SXG-KIT Power Connection gland kit w/o Junction Box
- ECA-1-SR-SP Metallic Power Connection kit with Junction Box
- ECT-2-SR Metallic T splice kit
- PCA-1-SR Non-metallic Power Connection kit with Junction Box
- PCS-1-SR Non-metallic T splice kit with splice cover
- HS-PBSK Inline splice kit
- HS-TBSK T splice kit
- ET-6C End termination kit
- R1-050-DP indoor thermostat
- R3C-0120-DP outdoor thermostat

Accessory kits for TTS™ Roof and Gutter Snow and Ice Melting Cable:

- 18-SXG-KIT Power Connection gland kit w/o Junction Box
- ECA-1-SR-SP Metallic Power Connection kit with Junction Box
- ECT-2-SR Metallic T splice kit
- PCA-1-SR Non-metallic Power Connection kit with Junction Box
- PCS-1-SR Non-metallic T splice kit with splice cover
- ET-4S End termination kit
- HS-PBSK Inline splice kit
- HS-TBSK T splice kit
- R3C-0120-DP outdoor thermostat
- STC-DS-2B, STC-DS-8 Snow and ice sensor/controllers.

Accessory kits for KSR™ Surface Snow and Ice Melting Cable:

- KSR-CFK Power Connection/End termination kit w/o Junction Box
- KSR-EJK Expansion joint kit
- KSR-SK-DB Splice kit
- STC-DS-2B-snow and ice sensor/controller
- R3C-0120-DP outdoor thermostat

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- a non-hazardous power connection kit
- includes rubber boot, RTV adhesive, grommet and gland connector
- Does not include junction box.
- CSA approved for ordinary locations.

ECA-1-SR-SP:

- Designed for connecting one or two heating cables to power or for splicing two cables together
- Kit includes NEMA 7 junction box, pipe mounted expediter, 2 stainless steel pipe attachment bands, cable grommet, 2 power connection boots(TBX-3L), RTV adhesive, wire fasteners and grounding splice lug
- CSA approved for ordinary and hazardous Division 2 locations

ECT-2SR:

- Designed for connecting two heating cables to power or for splicing three heating cables together
- Kit includes NEMA 7 junction box, pipe mounted expediter, 2 stainless steel pipe attachment bands, third cable entry assembly, cable grommets, 3 power connection boots (TBX-3L), RTV adhesive, wire fasteners and grounding splice lug
- CSA approved for use in ordinary and hazardous Division 2 locations

PCA-1-SR:

- Designed for connecting up to three heating cables to power. It may be used as an in-line or T-splice connection kit
- Kit includes NEMA 4X junction box, pipe mounted expediter, 2 stainless steel pipe attachment bands, cable grommet, 3 power connection boots (TBX-3L), RTV adhesive, ground wire extension lead with lug, wire fasteners
- CSA approved for use in ordinary and hazardous Division 2 locations

HS-PBSK:

- Designed to in-line splice TTS cable
- Kit includes 3 connectors and 4 heat shrink tubes for a complete splice.
- CSA approved for use in ordinary locations

HS-TBSK:

- T connection kit for ordinary (non hazardous) locations
- Kit includes heat shrink tubes, silicone sleeves, parallel connectors, butt connector, tie wrap
- CSA approved for ordinary locations

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ET-6C:

- End termination kit designed to properly terminate the end (away from power) of a TTS cable.
- Kit includes two rubber end caps and RTV adhesive
- CSA approved for use in ordinary and hazardous Division 2 locations.

ET-4S:

- End termination kit designed to properly terminate the end (away from power) of a TTS cable in ordinary locations.
- Kit includes an adhesive lined heat shrink end cap.
- CSA approved for use in ordinary locations.

KSR-CFK:

- This circuit fabrication kit is designed to fabricate a circuit with one power connection boot and one end cap located within enclosure.
- Both power and end termination must be made in NEMA 4, UL listed junction boxes.
- CSA approved for use in ordinary locations

KSR-EJK:

- This expansion joint kit is designed to allow cable to cross a concrete expansion or construction joint.
- When installed, the kit will allow normal expansion and contraction of the substrate without straining or damaging the heating circuit
- Kit includes a reinforced flexible sleeve for protection and self vulcanizing tape.

KSR-SK-DB:

- Designed to in-line splice KSR cable in direct burial applications
- Kit includes different sizes of heat shrink tubes, small and large lugs, mastic tape, splice connection boots and RTV sealant.
- CSA approved for use in ordinary locations

PCS-1-SR:

- Re-enterable in-line or T splice kit is designed to fabricate outside the insulation splice of TTS cable.
- Kit includes NEMA 4X pipe-mounted expediter with splice cover, 2 stainless steel pipe attachments bands, heater cable grommet, 3 power connection boots (TBX-3L), RTV adhesive, wire fasteners and grounding splice lug.
- CSA approved for use in ordinary and hazardous Division 2 locations.

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R1-050-DP designed for use in indoor/protected locations, using a painted steel NEMA 1 enclosure to house the switch and permitting temperature adjustments without cover removal

R3C-0120-DP is a gasket cast aluminum enclosure, providing weatherproof protection for the switch and set point dial.

Sensors:

STC-DS-2B: snow and ice sensor/controller

- This unit permits an adjustable temperature trigger set point from 1 °C to 7 °C with manual on/off, automatic and standby switching functions.
- It operates on a 120 Vac or 208-240 Vac power source providing a single 30 Amp normally open load contact set rated to 277 Vac.
- For use in ordinary non-classified locations.

STC-DS-8: gutter snow and ice sensor/controller

- Unit includes remote sensor capabilities with a 10 ft lead wire, which allows sensor placement directly in
- gutters or downspouts
- Controller includes an adjustable temperature trigger set point from 1 °C to 7 °C with manual on/off,
- automatic and standby switching functions.
- It operates on a 120 Vac or 208-240 Vac power source providing a single 30 Amp normally open load contact set rated to 277 Vac.
- For use in ordinary non-classified locations.

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