

CONNECT AND PROTECT

PRODUCT OVERVIEW

nVent offers components to allow a direct connection to a power supply, or splicing, without the need for cold leads or any other additional components (within certain power and current restrictions).

The connection significantly reduces installation time by inserting the heating cables directly into spring-type terminals, providing fast, reliable and maintenance free operation.

The design is approved for hazardous areas and integrates the function of connection kits, cold leads and insulation entry kits. This simplifies the Bill of Materials and installation by eliminating the need for special tools or connection kits.

Use of the direct connection depends on cable type, power and temperature, and is validated in our design software TraceCalc Pro.

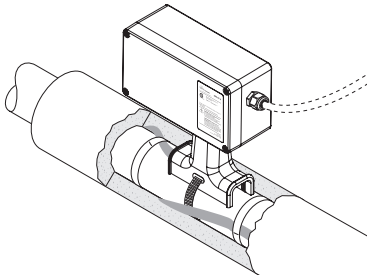
APPROVALS



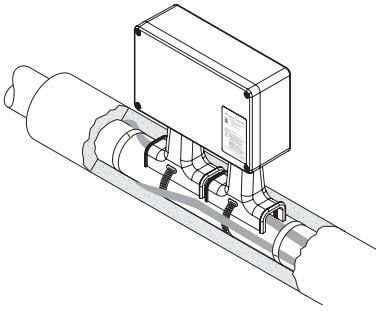
Class I Division 2 Group A, B, C, D
Class I Zone 2 IIC
Type 4X Temp Code T ⁽¹⁾

(1) For T-Rating, see design documentation

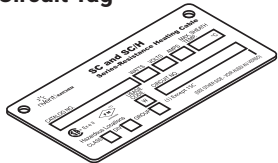
POWER CONNECTION AND TERMINATION KIT

Product name	Description	Catalog number	Heating cable compatibility SC(H)
Power Connection End Box 	Polymeric enclosure and stand with captive sealing grommets. The box has 3/4 NPT entry hole and is equipped with spring-clamp terminals to allow the connection of a power cable. It also includes one skip jumper to make a star point for triphase installations or a loop for monohase installations Box Dimensions: 8.7" x 4.7" x 3.5" Stand Height: 4.8"	JBM-SC-A	2SC-30, 2SC-40, 2SC-50, 2SC-60, 2SC-70, 2SC-80 3SC-30, 3SC-40, 3SC-50, 3SC-60, 3SC-70, 3SC-80


SPLICE KIT

Product name	Description	Catalog number	Heating cable compatibility SC(H)
Splice Box 	<p>Polymeric enclosure and stands with captive sealing grommets. The box is equipped with spring-clamp terminals to allow to splice the heating cables directly without the use of a cold lead</p> <p>Box Dimensions: 10.2" x 6.3" x 3.5"</p> <p>Stand Height: 4.8"</p>	JB-SPLICE-SC-A	<p>2SC-30, 2SC-40, 2SC-50, 2SC-60, 2SC-70, 2SC-80</p> <p>3SC-30, 3SC-40, 3SC-50, 3SC-60, 3SC-70, 3SC-80</p>

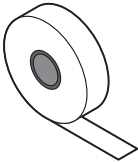

IDENTIFICATION TAG

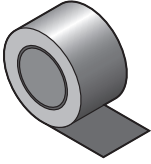
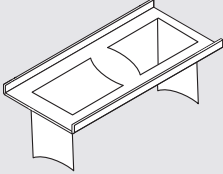
Product name	Description	Catalog number	Heating cable compatibility (SC, SC/H and SC/F)
Circuit Tag 	<p>SC cable circuit identification tag. A metal tag for attachment to the power connection of each circuit. Tag information includes cable catalog number, watts, volts, amps, circuit length, maximum sheath temperature, hazardous location information and circuit number.</p>	SC-NPLATE-CIRCUIT-ID-TAG	All

LABELS

Product name	Description	Catalog number	Heating cable compatibility (SC, SC/H and SC/F)
ETL Tag 	<p>"Electric Traced" label for identifying traced pipes and tanks.</p>	ETL-ENGLISH	All

ATTACHMENT PRODUCTS

Product name	Description	Catalog number	Heating cable compatibility (SC, SC/H and SC/F)
GT-66 	<p>1/2" x 66" roll of glass tape for attaching heating cable to pipe. Not for stainless steel pipes or for installation temperatures above 40°F.</p>	GT-66	All
GS-54 	<p>1/2" x 54" roll of glass tape for attaching heating cable to pipe. For stainless steel pipes or for any installation temperatures below 40°F.</p>	GS-54	All

Product name	Description	Catalog number	Heating cable compatibility (SC, SC/H and SC/F)
T-180 	2 1/2" x 180" of aluminum tape for attaching cable to pipe. Minimum installation temperature is 32°F.	AT-180	All
Pipe Adapter 	Pipe adapter for SC-JB Kits to increase the stand height by 1.5".	SC-JB-PIPE ADAPTER	All

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