

# Connection Kit, Cold Applied, for PI Heaters, ATEX



nVent RAYCHEM CS-150-xx-PI are a range of low profile, under-insulation power connection or splice for polymer insulated (PI) series heating cables, using two component silicone compound to provide durable and flexible moisture proof encapsulation. Available in 3 versions, to allow robust & reliable connections up to 125A and approved for use in hazardous area. The internal electrical connection is by nickel plated crimps, specifically designed to provide reliable electrical connections over a very wide temperature range.

## FEATURES

Simple and fast to install

Cold applied: no heat gun, no hot work permit needed

Low profile, under-insulation component

Unique design, to ensure optimum connection reliability

Approved for use in hazardous areas

## SPECIFICATIONS

|                                   |                          |
|-----------------------------------|--------------------------|
| <b>Max Operating Temperature:</b> | 200 °C                   |
| <b>Connection Type:</b>           | Cold Applied             |
| <b>Area Classification:</b>       | Non-Hazardous; Hazardous |
| <b>IP Rating:</b>                 | IP65                     |
| <b>Voltage Rating:</b>            | 750 V max                |

Table 1/1

| Catalog Number | Item Name     | Current Rating | Suitable for Cold Lead  |
|----------------|---------------|----------------|-------------------------|
| 1244-000588    | CS-150-6-PI   | 54 A           | 4 – 6 mm <sup>2</sup>   |
| 1244-000587    | CS-150-25-PI  | 129 A          | 10 – 25 mm <sup>2</sup> |
| 1244-000586    | CS-150-2.5-PI | 32 A           | 0 – 2.5 mm <sup>2</sup> |

**ADDITIONAL PRODUCT DETAILS**

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Attribute Current Rating is applicable when used as hot-cold joint.

**WARNING**

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nVent products shall be installed and used only as indicated in nVent's product instruction sheets and training materials. Instruction sheets are available at [www.nvent.com](http://www.nvent.com) and from your nVent customer service representative. Improper installation, misuse, misapplication or other failure to completely follow nVent's instructions and warnings may cause product malfunction, property damage, serious bodily injury and death and/or void your warranty.

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