

Nelson's PLT Series non-metallic connection kits are Factory Mutual, Underwriter's Laboratory and Canadian Standards Association approved for use in ordinary and Division 2 hazardous areas when used with approved Nelson heating cables. Nelson PLT-BC, BS and BY Series connection kits with a C2D1 prefix are Factory Mutual approved for use in Class II, Division 1 hazardous areas when used with Nelson Type C2D1-LT heating cables. PLT Series connection kits are approved for use with all Nelson LT, HLT and NC Series field-fabricated heating cables. Enclosures supplied in PLT Series connection kits are rated NEMA 4X.

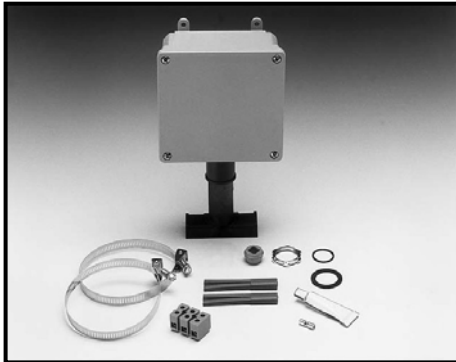


**PLT-BC Power Connection Kit:**

The PLT-BC Power Connection Kit is suitable for connecting up to two heating cables to customer supplied power wiring.

Kit Contents:

- 1 Universal Base, Box Adapter, Sealing Gasket, O-Ring and Locknut
- 1 Junction Box with Sealing Gasket and Cover
- 1 Sealing Grommet (Specify Cable Construction\*)
- 1 Power Termination and Cable End Seal with Adhesive Sealant
- 1 3-Point Floating Terminal Block
- 1 Ground Connection Splice
- 2 Stainless Steel Pipe Clamps (Specify Pipe Size)
- \* Selection of -U grommet includes (1) additional power termination and (1) additional end seal for multiple cable entry.



**PLT-BS Splice Connection Kit:**

The PLT-BS Splice Connection Kit is designed for connecting two heating cables in an in-line splice configuration.

Kit Contents:

- 1 Universal Base, Box Adapter, Sealing Gasket, O-Ring and Locknut
- 1 Junction Box with Sealing Gasket and Cover
- 1 Universal Sealing Grommet
- 2 Power Terminations with Adhesive Sealant
- 1 3-Point Floating Terminal Block
- 1 Ground Connection Splice
- 2 Stainless Steel Pipe Clamps (Specify Pipe Size)



**PLT-BY Tee Connection Kit:**

The PLT-BY Tee Connection Kit is designed for connecting three heating cables in a tee splice configuration.

Kit Contents:

- 1 Universal Base, Box Adapter, Sealing Gasket, O-Ring and Locknut
- 1 Junction Box with Sealing Gasket and Cover
- 1 Watertight Connection Fitting and Hi-Temp Flexible Tubing
- 1 Sealing Grommet (Specify Cable Construction)
- \* Power Terminations and Cable End Seals with Adhesive Sealant
- 1 3-Point Floating Terminal Block
- 1 Ground Connection Splice
- 2 Stainless Steel Pipe Clamps (Specify Pipe Size)
- \* Number of cable terminations based on standard usage of tee splice configuration; (3) power terminations and (2) end seals.

Nelson's PLT Series non-metallic connection kits include all components necessary to complete the installation of Nelson's full line of heat tracing cables. The selection tables below allow for the proper specifying of the complete connection kit assembly (example: PLT - BC - J - 12).

- PLT-							
	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 30%; text-align: center; vertical-align: middle;"> <b>3</b>  <b>12</b>  <b>20</b> </td> <td style="width: 70%; text-align: center;"> <b>SPECIFY PIPE SIZE</b>                      .75 – 3.0                      3.5 – 12.0                      12.5 – 20.0                 </td> </tr> <tr> <td style="text-align: center; vertical-align: middle;"> <b>B</b>  <b>J</b>  <b>U</b> </td> <td style="text-align: center;"> <b>SPECIFY CABLE CONSTRUCTION</b>                      Braided Heater                      Overjacketed Heater                      Multiple (2) Cable Entry or Special Heater                      Constructions                 </td> </tr> <tr> <td style="text-align: center; vertical-align: middle;"> <b>BC</b>  <b>BS</b>  <b>BY</b>  <b>BCW</b>  <b>BSW</b>  <b>BYW</b> </td> <td style="text-align: center;"> <b>SPECIFY KIT CONFIGURATION</b>                      Power Connection                      Splice Connection                      Tee Connection                      Power Connection – Monitor Wire*                      Splice Connection – Monitor Wire*                      Tee Connection – Monitor Wire*                      *Includes 4-Point Floating Terminal Block                 </td> </tr> </table>	<b>3</b> <b>12</b> <b>20</b>	<b>SPECIFY PIPE SIZE</b> .75 – 3.0 3.5 – 12.0 12.5 – 20.0	<b>B</b> <b>J</b> <b>U</b>	<b>SPECIFY CABLE CONSTRUCTION</b> Braided Heater Overjacketed Heater Multiple (2) Cable Entry or Special Heater Constructions	<b>BC</b> <b>BS</b> <b>BY</b> <b>BCW</b> <b>BSW</b> <b>BYW</b>	<b>SPECIFY KIT CONFIGURATION</b> Power Connection Splice Connection Tee Connection Power Connection – Monitor Wire* Splice Connection – Monitor Wire* Tee Connection – Monitor Wire* *Includes 4-Point Floating Terminal Block
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<b>C2D1</b>	<b>SPECIAL PREFIXES</b> Used with BC, BS and BY configurations for Class II, Division 1 hazardous areas when used with C2D1-LT Series heating cables.						

Nelson Heat Tracing Systems products are supplied with a limited warranty. Complete Terms and Conditions may be found on Nelson's website at [www.nelsonheaters.com](http://www.nelsonheaters.com).