
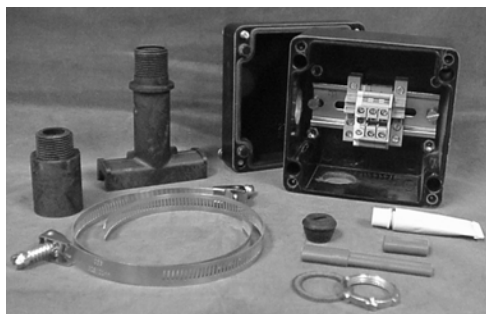


Nelson's Z1-PLT Series connection kits are used for making power, end, splice, and tee-splice electrical connections for their LT-J and HLT-J heating cables installed in Zone 1 and Zone 2 classified (hazardous) locations. These non-metallic kits provide excellent chemical resistance and carry IP66/NEMA 4X environmental ratings.

Certifications:  II 2 GD EEx e II $-20^{\circ}\text{C} \leq T_{\text{amb}} \leq +40^{\circ}\text{C}$
KEMA 03ATEX2020 X

 Ex e II $-40^{\circ}\text{C} \leq T_{\text{amb}} \leq +55^{\circ}\text{C}$
CSA 1665370 / 1665383

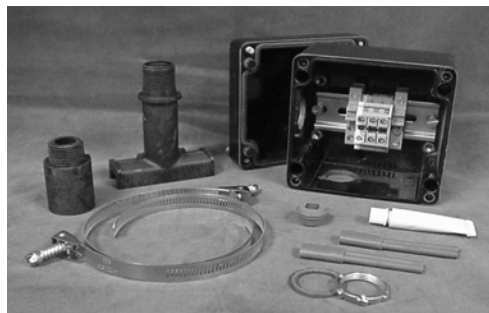


Z1-PLT-BC Power Connection Kit:

The Z1-PLT-BC Power Connection Kit is suitable for connecting heating cable to customer supplied power wiring.

Kit Contents:

- 1 Universal Base, Box Adapter, Sealing Gasket and Locknut
- 1 EEx e or Ex e Approved Enclosure with Terminal Blocks
- 1 Sealing Grommet
- 1 Power Termination and Cable End Seal
- 1 Adhesive Sealant
- 2 Stainless Steel Pipe Clamps



Z1-PLT-BS Splice Connection Kit:

The Z1-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 and Locknut
- 1 EEx e or Ex e Approved Enclosure with Terminal Blocks
- 1 Sealing Grommet
- 2 Power Terminations
- 1 Adhesive Sealant
- 2 Stainless Steel Pipe Clamps



Z1-PLT-BY Tee Connection Kit:

The Z1-PLT-BY Tee Connection Kit is designed for connecting three heating cables in a tee splice configuration.

Kit Contents:

- 2 Universal Base, Box Adapter, Sealing Gasket and Locknut
- 1 EEx e or Ex e Approved Enclosure with Terminal Blocks
- 2 Sealing Grommets
- 3 Power Termination
- 2 Cable End Seal
- 1 Adhesive Sealant
- 2 Stainless Steel Pipe Clamps



Z1-PLT-E End Connection Kit:

The Z1-PLT-E End Connection Kit is suitable for terminating one heater cable outside of thermal insulation. This design allows future maintenance of the end seal.

Kit Contents:

- 1 Universal Base, Box Adapter, Sealing Gasket and Locknut
- 1 EEx e or Ex e approved Enclosure with Sealing Gasket and Cover
- 1 Sealing Grommet
- 1 Cable End Seal
- 1 Adhesive Sealant
- 2 Stainless Steel Pipe Clamps



Z1-PLT-LP Connection Kit:

The Z1-PLT-LP Connection Kit is suitable for connecting heating cable to customer supplied power wiring or as an in-line splice configuration utilizing a customer supplied enclosure¹.

Kit Contents:

- 1 Universal Base, Box Adapter, Sealing Gasket and Locknut
- 1 Sealing Grommet



Z1-PLT-LPM Connection Kit:

The Z1-PLT-LPM Connection Kit is suitable for connecting heating cable to customer supplied power wiring or as an in-line splice configuration utilizing a customer supplied enclosure¹. This kit differs from the Z1-PLT-LP in that it also contains molded silicone cable terminations.

Kit Contents:

- 1 Universal Base, Box Adapter, Sealing Gasket and Locknut
- 1 Sealing Grommet
- 2 Power Termination and Cable End Seal
- 1 Adhesive Sealant
- * Selection of -U grommet includes (1) additional power termination and (1) additional end seal for multiple cable entry.



Z1-PLT-LPS Connection Kit:

The Z1-PLT-LPS Connection Kit is suitable for connecting heating cable to customer supplied power wiring or as an in-line splice configuration utilizing a customer supplied enclosure¹. This kit differs from the Z1-PLT-LP in that it also contains shrink tube cable terminations.

Kit Contents:

- 1 Universal Base, Box Adapter, Sealing Gasket and Locknut
- 1 Sealing Grommet
- 2 Power Termination and Cable End Seal
- * Selection of -U grommet includes (1) additional power termination and (1) additional end seal for multiple cable entry.

Z1-PLT -

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¹ Suitable for use with any “EEx e” or “Ex e” approved industrial enclosure with a maximum wall thickness of 4.75 mm (0.187”) or M25 (.75”NPT) threaded hubs.

