

Installation Instructions

RTPC-SL and RTST-SL Signal Light Modifications for DL Series Connection Kits



Power Connection Kit w/Signal Light

- 1 - Molded Junction Box consisting of:
 - 1 - Base
 - 1 - Box w/conduit opening
 - 1 - Lid
- 1 - Terminal Block*
- 1 - Mounting Screw for Terminal Block
- 1 - LED 120, 208-240, or 277V
- 1 - Cover Gasket
- 4 - Cover Screws, 5/8" Long
- 4 - Box Screws, 1" Long
- 1 - Sealing Grommet for Self-Regulating Cable

End Seal Kit w/Signal Light

- 1 - Molded Junction Box consisting of:
 - 1 - Base
 - 1 - Box
 - 1 - Lid
- 1 - Cover Gasket
- 1 - LED 120, 208-240, or 277V
- 1 - Terminal Block*
- 1 - Mounting Screw for Terminal Block
- 4 - Cover Screws, 5/8" Long
- 4 - Box Screws, 1" Long
- 1 - Sealing Grommet for Self-Regulating Cable

* Four position terminal block required for cables with monitor wire

GENERAL

ELECTRIC SHOCK HAZARD. Disconnect all power before installing or servicing heating cable and accessories. A qualified person must perform installation and service of heating cable and accessories. Heating cable must be effectively grounded in accordance with the National Electrical Code. Failure to comply can result in personal injury or property damage.

Note: All electrical wiring, including GFCI (Ground Fault Circuit Interrupters), must be done according to National Electrical or local codes by a qualified person.

This sheet will provide the instructions necessary for incorporating a signal light into all versions of the RTPC and RTST kits. **This sheet must be used in conjunction with the instructions contained in the above mentioned kits.** Not all sections of this sheet will apply to the kit you are using. Each section has a boldface title which indicates for what kit and installation instruction sheet the section covers.

Wipe inside lip of cover with a clean cloth. Remove protective backing from the gasket and affix it to the cover lip. Press firmly all around for proper adhesion.

Note: The RTST-SL kit is used as an end seal kit. It is not designed as a splice or tee connection kit. Follow the instructions listed in PJ452 but note that only one cable will be brought into the box.

IMPORTANT: This kit comes with the LED installed in the pilot light assembly.

Please check your kit model number against the system voltage before installation.

- SL1 120V
- SL2 208-240V
- SL3 277V

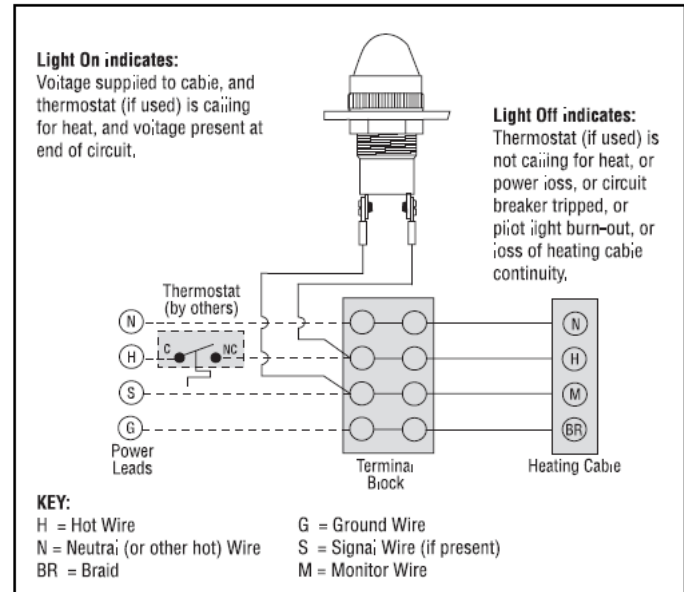
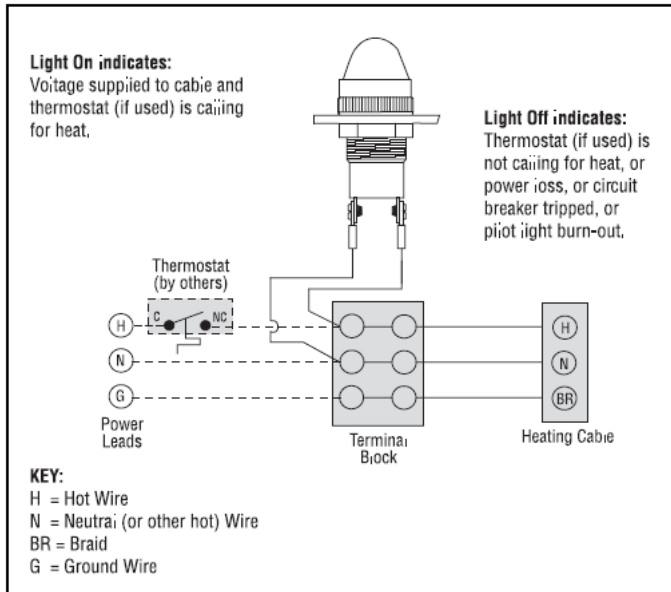
WIRING DIAGRAMS

For RTPC -SL (For cables with monitor wire)

Prior to Step 15 of PJ451, wire signal light per figure below.

For RTPC -SL (For all cables except monitor wire version)

Prior to Step 15 of PJ451, wire signal light per figure below.

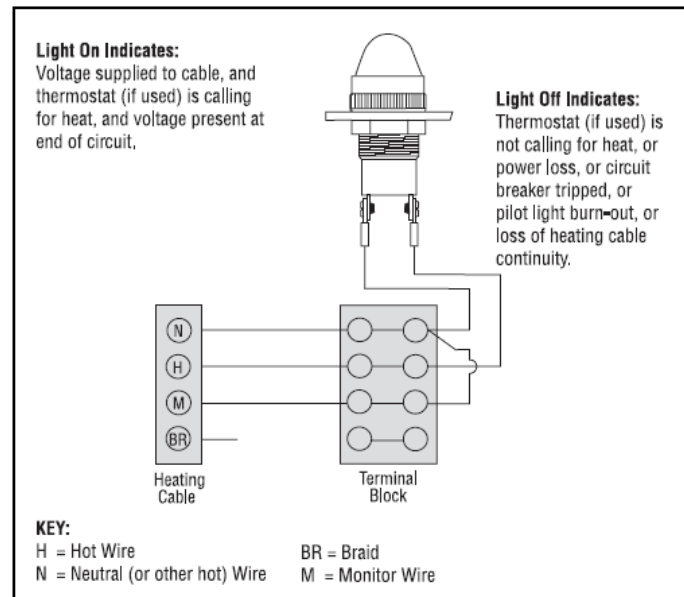
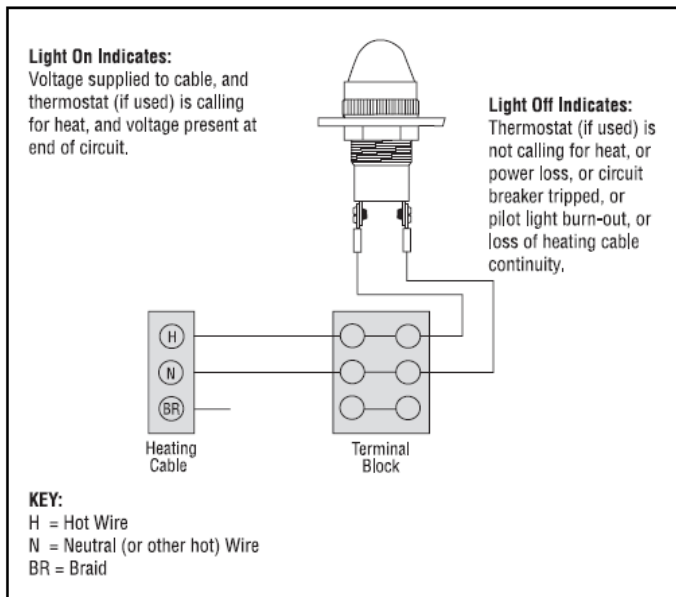


For RTST -SL (For all cables except monitor wire version)

Prior to Step 13 of PJ452, wire signal light per figure below.

For RTST -SL (For cables with monitor wire)

Prior to Step 13 of PJ452, wire signal light per figure below.



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