R-T3 SINGLE PHASE WIRING APPLICATION NOTE

R-T3

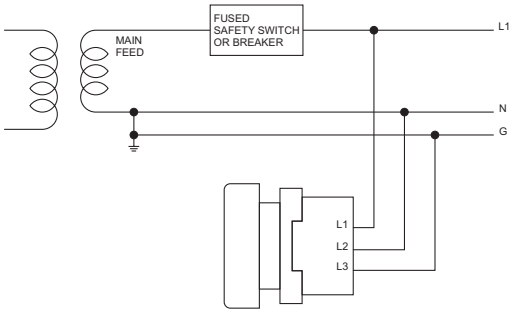
OPERATION

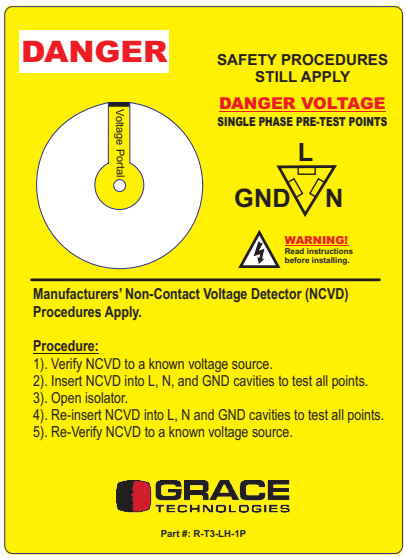
In addition to being installed on three phase systems, the R-T3 Voltage Portal can be configured for single phase systems. This Voltage Portal can also be paired with our R-3W Series Voltage Indicators coupled together with provided custom labels with detailed procedural instructions. With our voltage indicator and portal connected to the same source, a task qualified worker can visually verify the voltage presence in addition to a secondary/redundant test using a NCVD Pen. The R-T3 with a voltage indicator has two separate connections to the same source allowing for an extra layer of redundancy of connections to enhance workers' safety in voltage presence verification. The three leads from the R-T3 will connect directly to Line, Neutral, and Ground terminals in a single phase system. Combination Units are available to order with custom procedure labels and NCVD pens.

Warning: Non-Contact Voltage Detectors (NCVD) require solidly grounded power systems for proper operation. Using NCVDs and/or Grace PESD® Voltage Portals on power systems with a floating, isolated grounds, or other ungrounded systems will result in false-negative voltage indication (voltage present, but not indicated by the NCVD). Follow the NCVDs' manufacturer operating instructions for proper procedures and operation of the NCVD.

SINGLE PHASE, 2W + GND

For use with the R-T3 for Single Phase Applications only



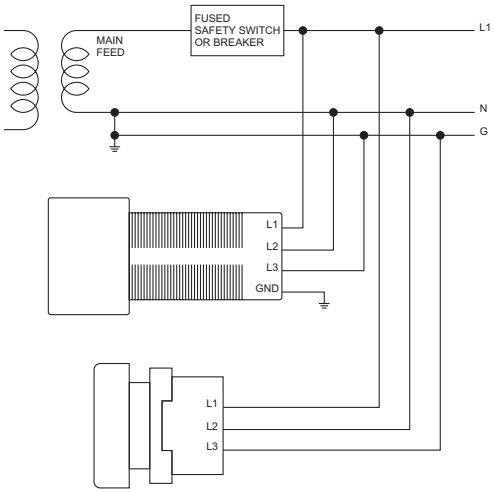


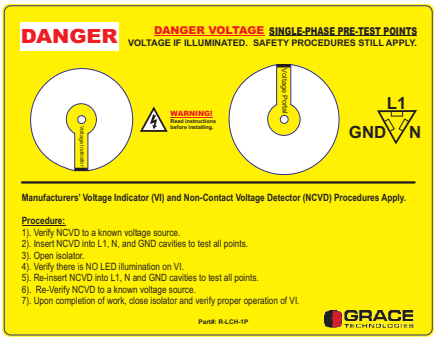
R-T3-LH-1P

Use with the R-T3 for Single Phase Applications only

SINGLE PHASE, 2W + GND

For use with the R-T3 and R-3W Series Combination Unit for Single Phase Applications only





R-LCH-1P

Use with the R-T3 Voltage Portal and R-3W Series Combination units for Single Phase Applications only

Warning: Verify an electrical conductor has been de-energized using an adequately rated test instrument before working on it. Follow appropriate Energy Control (Lockout/Tagout) procedures as per OSHA Subpart S.

SS-RT3SP-AN-EN 2106