

# Teco Drive Power Conversion Kit-GS2

To help convert the incoming power lines for the tecno drives from the older style TSTA to the new style GS2, use the conversion kit, part # 1234567.

The kit contains 3 pre-wired lever nuts (or similar) and can be used for IO6 and Apollo I type setup (r,s jumpered from R,S). Will work for single phase or 3-phase as well.

- ⓘ Ensure power is off and confirm no voltage is present with a volt-meter before performing the conversion. Failure to do so may result in DEATH, INJURY, or serious PROPERTY DAMAGE.

## General Kit Overview:



- (2) 3-lever nuts
- (1) 2-lever nut
- (5) 14 gauge crimp-on ferrules
- ~2ft 14AWG stranded copper wire
  - Cut to (5) 4" length strips
  - Ferruled on one end
  - 3/8" insulation strip on lever nut end

## TSTA Tecno Drive Terminals:



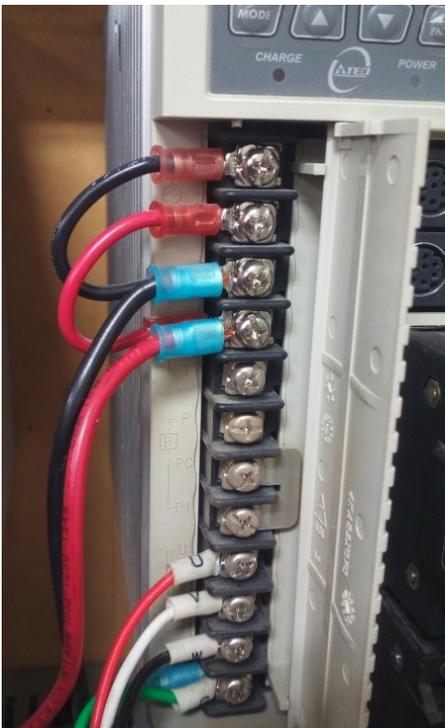
## GS2 Teco Drive Terminals:

To use these connections, use a small flat blade screwdriver and push down on the orange block to open the terminal port. Insert wire, then release the orange block. Gently but firmly tug on wire to ensure it is securely fastened.



## Rewiring Procedure

Typical Apollo I Wiring has R and S jumpered to r and s as shown below. This is L1 and L2 incoming power. For 3-phase systems another wire would be connected to T.



- Ensure no power is present
- Remove jumper wires (r & s to R & S) and set aside
- Cut spade terminals off incoming power wires (typically to R & S) and strip insulation back 3/8"
- Use one of the 3-wire lever nuts included with kit and connect R (L1) to nut and then one of the pre-wired leads to r and the other to R on the GS2 drive
- Use other 3-wire lever nut included with kit and connect S (L2) to nut and then one of the pre-wired leads to r and the other to R on the GS2 drive
- If 3-phase, cut the spade terminal from the T wire, strip back 3/8" insulation and connect to the 2-wire lever nut and then the pre-wired lead to T on the GS2 drive

### Example Completed Product:

- Notice the wire cross-over in the green-outlined box



