

6500-002

Multiple Unit parallel installation

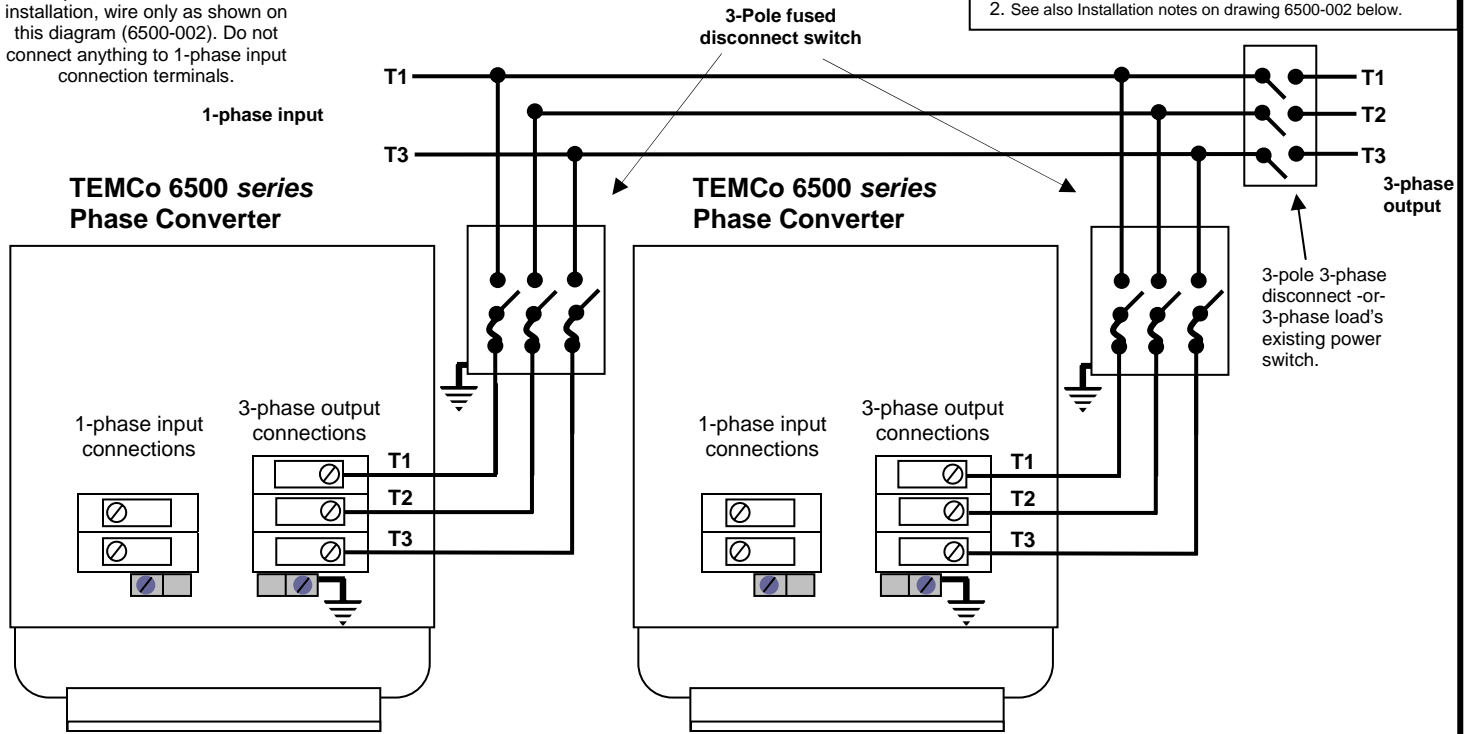


Installation notes

1. As many TEMCo Phase Converters as you need to suite your application may be connected in parallel for increased output provided that your 1-phase branch circuit is capable of supporting the load.
2. See also Installation notes on drawing 6500-002 below.

WARNING

For multiple TEMCo Phase Converter installation, wire only as shown on this diagram (6500-002). Do not connect anything to 1-phase input connection terminals.



6500-001

Single Unit installation



Installation notes

1. This diagram is not intended to replace or supersede any requirements of local, state or national electrical codes.
2. Use only dual element time delay fuses or a magnetic starter with thermal overloads to protect TEMCo Series 6500 Phase Converters.
3. Do not bolt the TEMCo Phase Converter directly to the floor. It is highly recommended that some form of anti-vibration or rubber pad is used between the TEMCo Phase Converter and the floor.
4. No load voltage on the 3-phase output from T1 – T2 or T3 – T2 will exceed T1 – T3 by 5% (T2 on the output is the generated leg). Voltages will balance when a load is applied.
5. Do not connect control circuits which require ground or neutral (to produce 110V) to the generated Line (T2) on the output. This TEMCo Phase Converter provides a 3-phase **DELTA** output. On the output, voltage from T2 (generated leg) to ground / neutral will be 180-220V on a 208-240V system. If a **WYE** (or 4 wire) 3-phase output is required, a 3-phase **DELTA** to **WYE** transformer is required.
6. This TEMCo Phase Converter must always be started before any load is applied (even a non-loaded 3-phase transformer will constitute a small inductive load).
7. All loads must be turned off in the event of a power failure to prevent TEMCo Phase Converter startup with a load applied when the power comes back on. Equipping 3-phase loads with magnetic starters is recommended. A magnetic starter will automatically shut off equipment if power is lost, protecting the TEMCo Phase Converter from starting under load when power is restored.

