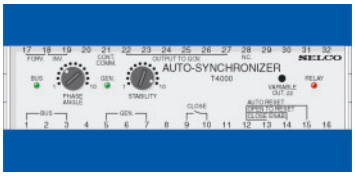
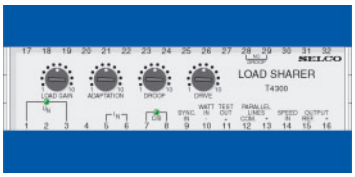
T4000 Auto Synchronizer



The T4000 performs automatic synchronizing of an incoming generator with *electronic* speed controllers in a minimum of time, by controlling the generator speed and the phase between the generator and the busbar.

The unit has fixed and variable output for adaptation to a wide range of electronic speed controllers.

T4300 Load Sharer

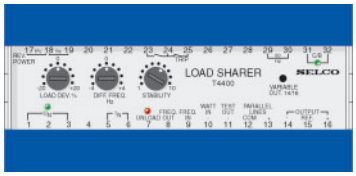


The T4300 provides automatic isochronous load sharing for parallel running generators in connection with a wide range of *electronic* speed controllers. The load on each generator is compared with the load of the other generators and corrected until balance is obtained. An unloading facility is available and when used, the load on the generator is reduced and maintained on a low value.

Optional functions such as unload trip and reverse power trip are available.

When applied with the B9300 Power Reference Unit, one or several generators can be operated in parallel with the grid.

T4400 Load Sharer

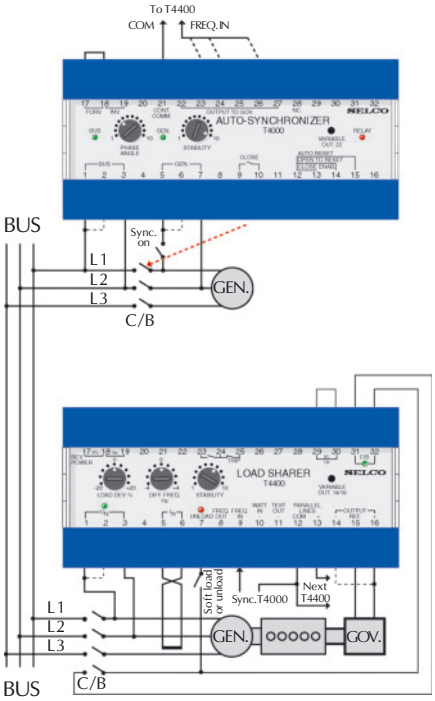


The T4400 is a load sharer for generators with *electronic* speed controllers. Basically it performs the same task as the T4300 Load Sharer. However, the T4400 also includes a built-in frequency control and an integration function. These two additional features provide a very high overall stability and compensate for any drift within the engine speed controller.

A soft load/unload function is also provided. When activated, the T4400 will slowly increase or decrease speed to transfer load to or from the generator. A built-in relay can automatically trip the circuit breaker when unload is completed.

The T4400 has a built-in reverse power protection with selectable limit and time delay. One load sharing unit T4400 is required for each diesel generator in parallel operation. The load sharers are interconnected with a 2-wire cable.

When applied with the B9300 Power Reference Unit, one or several generators can be operated in parallel with the grid.



T4000/4400 Gen-Set Application