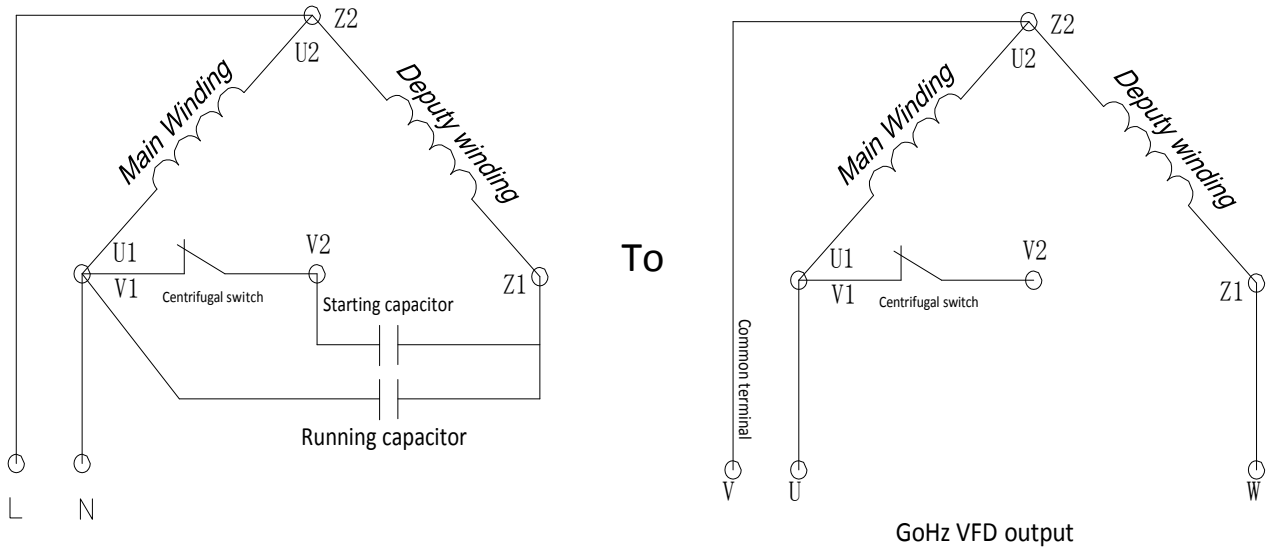
GoHz Single Phase VFD Wiring Instruction

Single phase induction motor has specific wiring requirements in connecting with GoHz single phase VFD, to enable your single phase motor running properly, please follow below instructions step by step:

Wiring instruction of removing motor capacitor

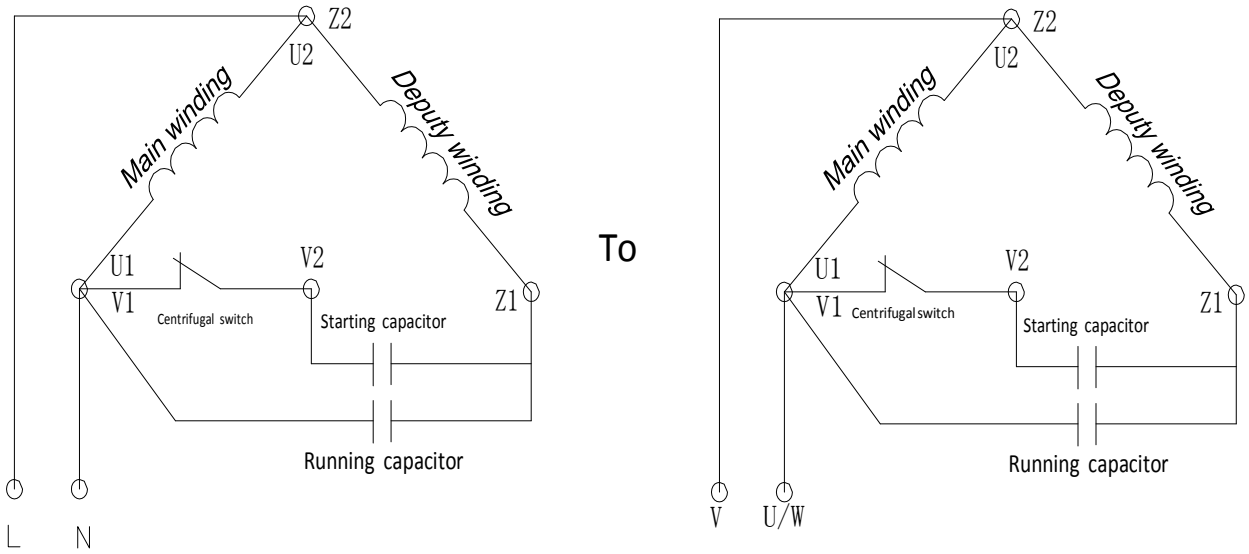
Remove capacitor of the single phase motor, connect the common terminal *Z2/U2* (single phase motor has two windings) to the VFD's *V* phase, connect the other two windings *U1/V1* & *Z1* to the *U* & *W* phase of the VFD output terminals.
Power on the VFD, set P9-13=0, run the VFD and observe the current. If the current is too high, stop the VFD, set P0-15=10, P1-02=160, and run again. If the current still too high, stop the VFD and switch the motor connection of *U* & *W* phase.



Wiring instruction of removing motor capacitor

Wiring instruction of keeping motor capacitor

Connect single phase motor input lines (L, N) to the VFD's (V, U).
Power on the VFD, set P9-13=0, run the VFD and observe the current. If the current is too high, stop the VFD, set P0-15=10, P1-02=160, and run again. If the current still too high, stop the VFD and switch the VFD's *U* phase to *W* phase.



Wiring instruction of keeping motor capacitor