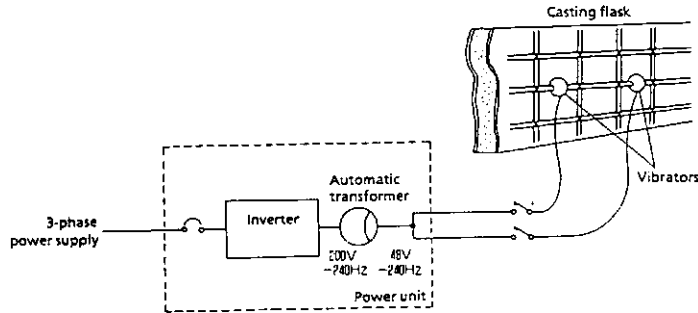


POWER UNIT FOR HIGH-FREQUENCY VIBRATORS

Main Driver:
VFA7



In the concrete-casting process, this high-frequency power supply unit is used for the vibrators that are attached to concrete molding flask or rod-type immersion vibrators, which are used for removing air bubbles and setting concrete in wooden casting flasks. This unit converts an input 3-phase, 200V, 50 or 60Hz power into a 3-phase, 200V, 240Hz output.

Advantages of adopting inverter

1. Unlike conventional motor generator units that have been used, use of an inverter has reduced the weight of a power unit by one-half, so that it can be carried by one person.
2. Regardless of the power supply frequency, an optimum frequency can be obtained and maintained at different frequencies, which contributes to higher quality concrete.

Notes on application

1. The automatic transformer installed at the inverter's output end should be designed expressly for the associated inverter.