

【ABSTRACT】

VOLTAGE SAG PROTECTOR FOR THREE-PHASE SERVO DRIVER

Disclosed is a voltage sag protector for a three-phase servo driver, which includes a first power cutoff switch installed on an R phase power line or one of S and T phase power lines, each of which connects an external power supply from which three-phase alternating current (AC) power is input and the three-phase servo driver, and a single-phase voltage sag protector that supplies single-phase AC power to the three-phase servo driver when a momentary power failure (or a momentary voltage sag) occurs. Thereby, the voltage sag protector for a three-phase servo driver can be easily and inexpensively manufactured using the single-phase voltage sag protector resolving drawbacks and problems of a conventional uninterruptible power system (UPS).

FIG. 2