



PROHIBITED I/P VOLTAGE FLUCTUATION

Purpose: For reliable operation of power supply.

Scope: This application note is applicable for the countries where nominal AC supply voltage is 230vac. It does not apply to countries where nominal AC supply voltage is 115vac.

VLT130, (M) VLT60, (M) VLT40, ZVCxxFS, ZVCxxSG series.

Guidelines:

For the countries where line voltage is 230vac prefer to use “AC voltage stabilizer” or “UPS” to prevent any sag in input AC supply. AC supply is an input to power supply. If input voltage falls below 140vac for more than 2 second can cause power supply failure.

Above described condition is abnormal however it can occur in actual field condition.

Below is pictorial representation of abnormal condition for AC supply.

