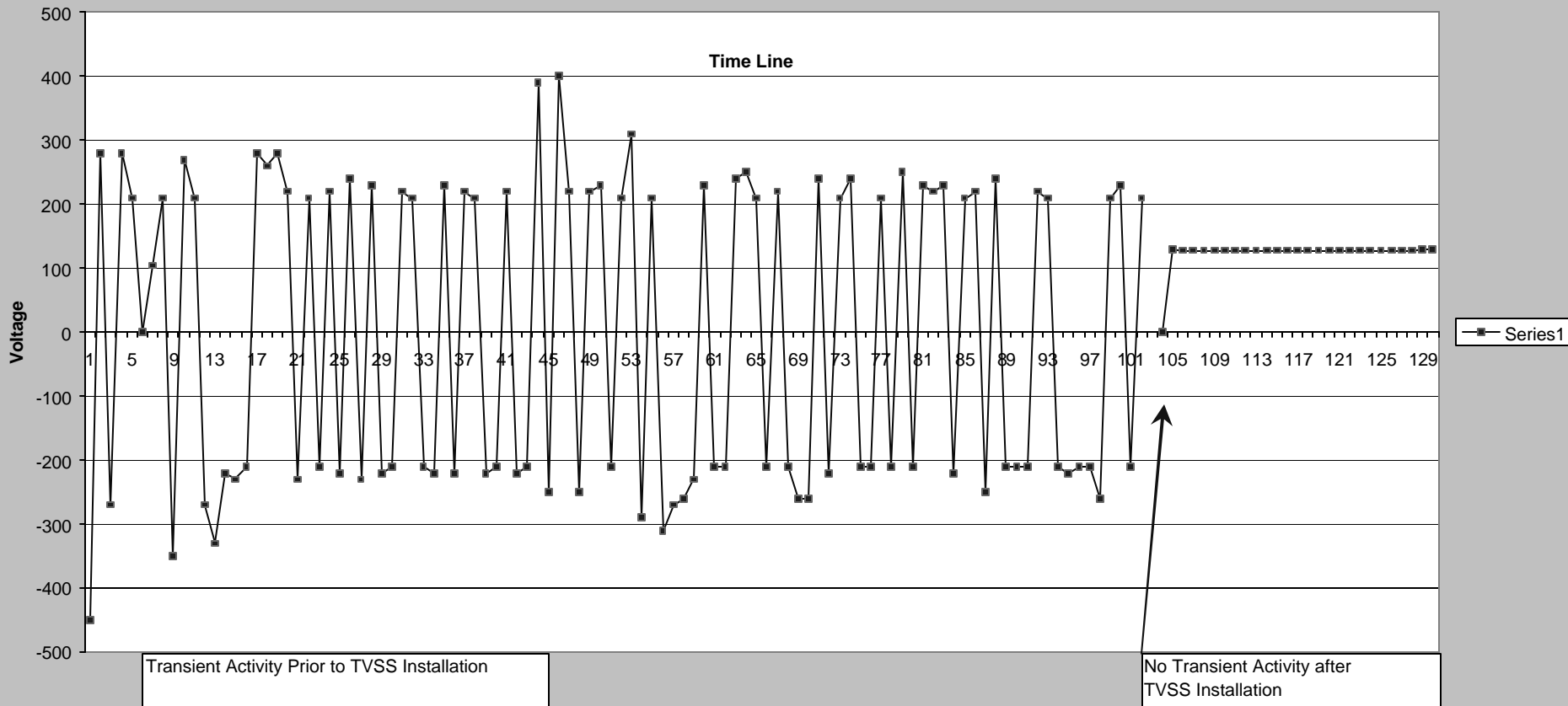


Machine #5 Test 2-3 Circ. #104



Above is a chart showing before and after the installation of a suppression/filter series installed on a 120 volt feed to a PLC. Given the low magnitude of the transient activity (200 to 300 volts positive and negative transient impulses), the filter would be doing all the work. If a suppressor has only MOV's or diodes and no effective filter, there would be little or no difference on the before and after section of the chart. If the best possible power to the equipment is desired, the Total Protection Solutions TK-LTE120-30A is the unit of choice.