

Dear friends,

I have small doubt regarding MOV.

I am using V480LS80B MOV from **Littelfuse** for 3 phase 4 wire energy meter application.

I have connected MOV in between each line and neutral.

Is there any standard says that, minimum how many number of pulse (surge voltage IEC61000 4-5. V-1.2/50uSec- Current 8/20u sec) has to be withstand for the product with 10year life.

I found my product can withstand only 1000 number of pulse with 20μ sec duration.

From below graph of the pulse rating curve (Short circuit current with 400A can withstand only 1000 number of pulses).

Kindly let me know, for the product life of 10year, minimum how many number of pulse has to be withstand by Metal Oxide Varistor.

http://www.littelfuse.com/data/en/Data_Sheets/Littelfuse_MOV_LA.pdf

V385LA40B(P) - V1000LA160B(P)

