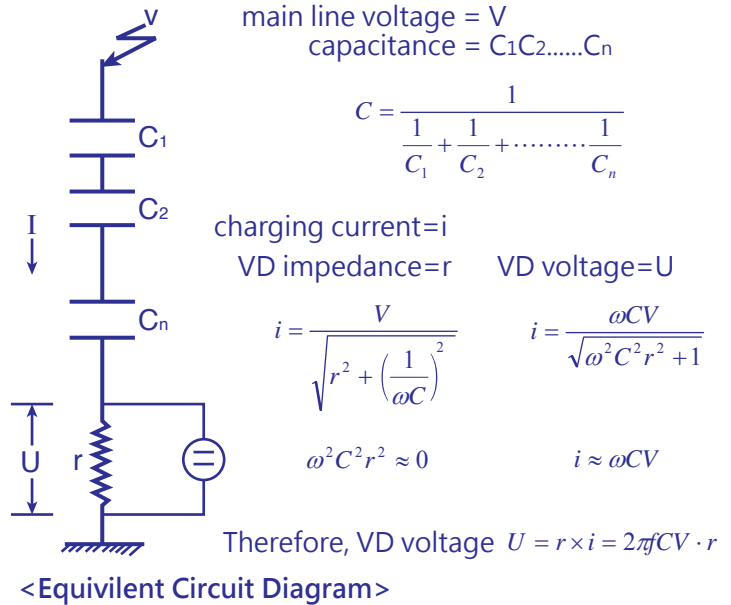
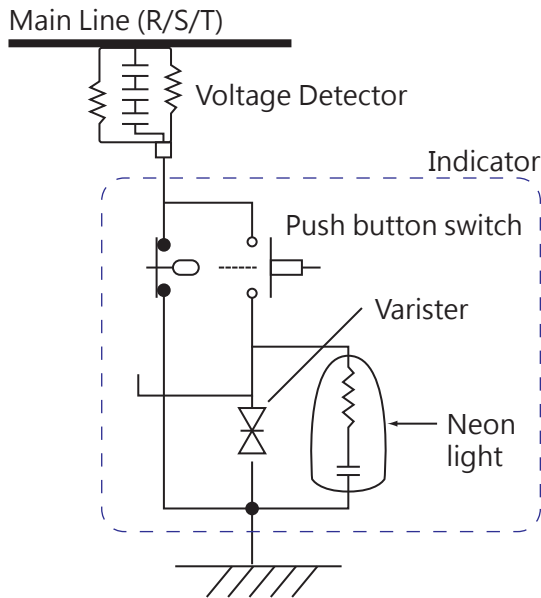


TOYO Voltage Detector Installation Manual

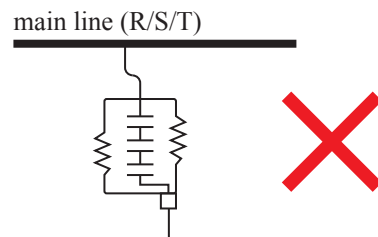
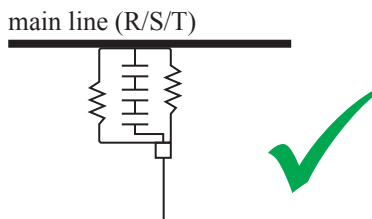
A. Introduction

TOYO Voltage Detector is using capacitive circuit in series to generate voltage between two ends of the circuit's impedance, and then using neon light as indication. When the main line is electrified, the neon indicator will light up.



B. Attention

1. When installing the VD, the main line (busbar) must be directly mounted on the VD.
DO NOT use wire to connect main line (busbar) and VD.



2. For VD of only 1 busbar fixing hole, the thickness of L-shaped busbar fixer should be >6mm galvanized iron. For VD of 2 busbar fixing holes, the thickness of JL-shaped busbar fixer should be >6mm galvanized iron.
3. For VD of only 1 fixing hole at its bottom, there are 2 elliptic holes for extra fixing to prevent VD from moving while installation or happening of short circuit. Each VD should be fixed with 2 extra 5/32" screws to prevent moving.
4. Regardless of the current rating, the size of main line busbar should be at least $\geq 50 \times 5 \text{mm}$ and with conductivity $\geq 98\%$.

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